



**THE UNITED REPUBLIC OF TANZANIA**



**NATIONAL SAMPLE CENSUS OF  
AGRICULTURE 2019/20**

**NATIONAL REPORT**

**August 2021**





**The United Republic of Tanzania**

# **National Sample Census of Agriculture 2019/20**

## **National Report**

**August 2021**







## TABLE OF CONTENTS

List of Tables .....	vii
List of Figures .....	xiii
List of Maps .....	xxvi
General Notes.....	xxviii
List of Abbreviations .....	xxix
Definition of Key Terms .....	xxx
Foreword .....	xxxiii
Preface.....	xxxiv
Executive Summary .....	xxxv
<b>CHAPTER ONE .....</b>	<b>1</b>
<b>BACKGROUND INFORMATION .....</b>	<b>1</b>
1.0 Introduction.....	1
1.1 Background Information.....	2
1.2 Census Objectives .....	2
1.3 Census Scope and Coverage .....	2
1.4 Census Methodology .....	4
1.4.1 Sample Design .....	4
1.4.2 Sample Size.....	4
1.5 Census Organization .....	5
<b>CHAPTER TWO .....</b>	<b>6</b>
<b>DEMOGRAPHIC CHARACTERISTICS .....</b>	<b>6</b>
2.0 Agricultural Households .....	6
2.1 Types of Agricultural Activities of the Households .....	6
2.2 Agricultural Household Characteristics .....	7
2.3 Number and Size of Agricultural Households .....	8
2.4 Literacy and Education of Agricultural Population .....	9
2.5 Education Status.....	11
2.6 Main Activity .....	12
2.7 Land Use .....	14
2.7.1 Area of Land Utilized.....	14
2.7.2 Land Use Sufficiency .....	15
2.7.3 Land Use Patterns .....	16
<b>CHAPTER THREE .....</b>	<b>19</b>
<b>CROPS RESULTS.....</b>	<b>19</b>
3.0 Introduction.....	19
3.1 Crop Production .....	19
3.1.1 Cereals Crop Production .....	19
3.1.1.1 Maize .....	22
3.1.1.2 Paddy .....	26

3.1.1.3	Sorghum .....	30
3.1.1.4	Other Cereals .....	33
3.1.2	Roots and Tuber Crops Production .....	34
3.1.2.1	Cassava .....	36
3.1.2.2	Sweet Potatoes .....	39
3.1.2.3	Irish Potatoes .....	43
3.1.2.4	Other Roots and Tuber Crops .....	45
3.1.3	Pulses .....	46
3.1.3.1	Beans .....	46
3.1.3.2	Cowpeas .....	48
3.1.3.3	Green gram .....	51
3.1.3.4	Pigeon Peas .....	54
3.1.3.5	Other Pulses .....	57
3.1.4	Oil Seeds and Nuts Crops .....	57
3.1.4.1	Groundnuts .....	58
3.1.4.2	Sunflower .....	60
3.1.4.3	Sesame .....	62
3.1.4.4	Oil Palm .....	64
3.1.5	Fruits and Vegetables .....	65
3.1.5.1	Tomato .....	65
3.1.5.2	Onions .....	68
3.1.5.3	Cabbage .....	70
3.1.5.4	Watermelon .....	71
3.1.5.5	Okra .....	73
3.1.5.6	Banana .....	75
3.1.5.7	Mango .....	78
3.1.5.8	Orange .....	80
3.1.5.9	Pineapple .....	82
3.1.6	Cash Crops .....	84
3.1.6.1	Cotton .....	84
3.1.6.2	Tobacco .....	85
3.1.6.3	Coffee .....	86
3.1.6.4	Sugarcane .....	87
3.1.6.5	Cashewnuts .....	88
3.1.6.6	Coconut .....	89
3.1.6.7	Sisal .....	90
3.1.6.8	Tea .....	91
3.1.6.9	Clove .....	92
3.2	Agro-Processing .....	93
3.2.1	Households Involved in Agro-processing .....	93
3.2.2	Quantity of Major Crop Products .....	94



3.2.3	Major Outlets for Selling Agro-processed Products .....	95
3.2.3.1	Flour/Mill .....	95
3.2.3.2	Grain.....	95
3.2.3.3	Oil .....	96
3.2.3.4	Fiber .....	96
3.2.4	Main Type of Packaging Material.....	96
3.2.4.1	Flour/Mill .....	97
3.2.4.2	Grain.....	97
3.2.4.3	Oil .....	97
3.3	Irrigation .....	97
3.3.1	Area Planted under Irrigation.....	97
3.3.2	Main Crops Irrigated .....	98
3.3.2.1	Cereals .....	99
3.3.2.2	Root and Tuber Crops .....	100
3.3.2.3	Pulses.....	100
3.3.2.4	Fruits and Vegetables .....	101
3.4	Input Use .....	103
3.4.1	Seed Use.....	103
3.4.1.1	Household Using Seeds.....	103
3.4.1.2	Area Applied with Seeds.....	104
3.4.2	Fertilizer Use.....	105
3.4.2.1	Households Using Fertilizer.....	105
3.4.2.2	Area Applied with Fertilizer .....	110
3.4.3	Herbicides Use .....	114
3.4.3.1	Households Using Herbicides .....	114
3.4.3.2	Area Applied with Herbicides.....	116
3.4.4	Fungicides .....	117
3.4.4.1	Households Using Fungicides.....	117
3.4.4.2	Area Applied with Fungicides.....	120
3.4.5	Insecticides .....	121
3.4.5.1	Households Using Insecticides.....	121
3.4.5.2	Area Applied with Insecticides .....	124
3.5	Crop Extension Services .....	126
3.5.1	Access to Crop Extension Services.....	126
3.5.2	Source of Extension Services.....	128
3.5.3	Extension Message Practices .....	128
3.6	Agriculture Mechanization .....	129
3.6.1	On Farm Investments .....	129
3.6.2	Use of Tractors and Draft Animals .....	132
3.7	Crop Marketing.....	133
3.7.1	Crop Commercialization .....	133

3.7.2	Main Marketing Challenges .....	135
<b>CHAPTER FOUR.....</b>	<b>136</b>	
<b>LIVESTOCK, FISH FARMING AND BEEKEEPING RESULTS.....</b>	<b>136</b>	
4.0	Introduction.....	136
4.1	Livestock Population .....	136
4.1.1	Cattle Population.....	137
4.1.1.1	Indigenous Cattle Population .....	139
4.1.1.3	Improved Cattle Population .....	140
4.1.2	Goat Population.....	141
4.1.2.1	Indigenous Goats.....	143
4.1.2.2	Improved Goats .....	144
4.1.3	Sheep Population.....	145
4.1.4	Pig Population .....	146
4.1.5	Chicken Population .....	148
4.1.5.1	Indigenous Chicken.....	152
4.1.5.2	Improved Chicken .....	154
4.1.6	Other Poultry .....	157
4.1.7	Other Livestock Population.....	159
4.2	Method of Cattle Identification.....	161
4.3	Livestock and Poultry Products .....	162
4.3.1	Milk Production .....	162
4.3.1.1	Cow Milk.....	162
4.3.1.2	Goat Milk .....	165
4.3.2	Chicken Eggs Production.....	167
4.3.3	Hides and Skins.....	169
4.4	Outlet for Sales of Livestock and Livestock Product .....	169
4.4.1	Cattle Outlets.....	169
4.4.2	Goats Outlets.....	170
4.4.3	Chicken Outlets .....	171
4.4.4	Cattle Milk Outlets.....	172
4.5	Livestock Pests and Parasites Control .....	173
4.5.1	Common Livestock Diseases .....	173
4.5.1.1	Cattle Diseases .....	174
4.5.1.2	Goat diseases .....	181
4.5.1.3	Sheep Diseases .....	188
4.5.1.4	Pig Diseases.....	193
4.5.1.5	Poultry Diseases .....	197
4.5.2	Livestock Vaccination.....	198
4.5.2.1	Vaccine Against Various Livestock Diseases .....	198
4.5.2.2	Source of Vaccines.....	203
4.5.3	Livestock Pest and Parasites Control Methods .....	204

4.5.3.1	Tick Control Methods .....	204
4.5.3.2	Tsetse Fly Control Methods .....	205
4.5.3.3	The Control Methods of Newcastle Disease (NCD) .....	205
4.5.4	Deworming Practices .....	206
4.6	Livestock Extension Services .....	208
4.6.1	Extension Service Received by Households .....	209
4.6.2	Advice Practiced .....	212
4.7	Fish Farming .....	215
4.7.1	Fish Farming Households .....	215
4.7.2	Fish Production .....	216
4.7.3	Source of Fingerlings .....	217
4.7.4	Frequencies of Fish Stocking .....	218
4.7.5	Outlets for Selling Fish .....	219
4.7.6	Fish Feeds .....	219
4.8	Bee Keeping .....	220
4.8.1	Honey Production .....	221
4.8.2	Sales and Market of Harvested Honey .....	222
<b>CHAPTER FIVE .....</b>		<b>226</b>
<b>AGRICULTURAL CREDIT .....</b>		<b>226</b>
5.0	Introduction .....	226
5.1	Agricultural Households Reported to Borrow Money .....	226
5.2	Agricultural Household Members Received Credit .....	227
5.2.1	Source of Credits .....	229
5.2.2	Uses of Credits .....	231
5.2.3	Value of Credits .....	233
5.2.4	Main Reason for Not Borrowing Credit .....	235
5.3	Agricultural Constraints .....	236
<b>CHAPTER SIX .....</b>		<b>238</b>
<b>POVERTY INDICATORS .....</b>		<b>238</b>
6.0	Introduction .....	238
6.1	Roofing Materials .....	238
6.2	Floor Materials .....	240
6.3	Wall Materials .....	242
6.4	Toilet Facilities .....	243
6.5	Main Source of Energy for Cooking .....	245
6.6	Main Source of Energy for Lighting .....	248
6.7	Access to Drinking Water .....	250
6.7.1	Wet Season .....	250
6.7.2	Dry Season .....	253
6.8	Distance to Source of Drinking Water .....	255



6.9	Time Spent to Main Source of Drinking Water .....	256
6.10	Ownership of Assets .....	257
6.11	Food Consumption Pattern .....	258
6.11.1	Number of Meals per Day .....	258
6.11.2	Meat Consumption .....	259
6.11.3	Fish Consumption .....	261
6.11.4	Status of Food Satisfaction .....	262
6.11.5	Main Source of Household Income .....	264
<b>CHAPTER SEVEN.....</b>		<b>266</b>
<b>CONCLUSION AND RECOMMENDATION .....</b>		<b>266</b>
7.0	Introduction.....	266
7.1	Conclusion .....	266
7.1.1	Status of the Agriculture in Tanzania.....	266
7.1.2	Status of Crop Sub-sector in Tanzania.....	269
7.1.3	Status of the Livestock Sub-sector in Tanzania .....	271
7.1.4	Status of Fish Farming in Tanzania .....	272
7.2	Recommendations.....	272
7.2.1	Crop Sub sector .....	272
7.2.2	Livestock Sub sector .....	274
7.2.3	Fish Farming .....	274
<b>LIST OF APPENDICES .....</b>		<b>275</b>

## LIST OF TABLES

Table 1.1:	Census Sample Size During 2019/20 Agricultural Year, Tanzania .....	4
Table 2.1:	Number of Agricultural Household Members by Sex and Age Group, 2019/20 Agricultural Year, Tanzania .....	8
Table 2.2:	Number and Percentage of Agricultural Population by Main Activity During 2019/20 Agricultural Year, Tanzania.....	13
Table 3.1:	Total Planted Area, Harvested Area, Quantity Harvested and Yield of the Cereal Crops Produced by Smallholder Farmers During 2019/20 Agricultural Year, Tanzania .....	21
Table 3.2:	Planted Area, Harvested Area, Quantity Harvested, Yield and Percentage of Roots and Tubers During 2019/20 Agricultural Year, Tanzania.....	35
Table 3.3:	Planted and Harvested Area, Quantity Harvested and Yield of Groundnuts by Region During 2019/20 Agricultural Year, Tanzania .....	59
Table 3.4:	Planted and Harvested Area, Quantity Harvested and Yield of Sunflower by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	61
Table 3.5:	Planted and Harvested Area, Quantity Harvested and Yield of Sesame by Region During 2019/20 Agricultural Year, Tanzania .....	63
Table 3.6:	Planted and Harvested Area, Quantity Harvested and Yield of Oil Palm by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	65
Table 3.7:	Number of Household, Planted Area, Quantity Harvested and Yield of Cabbage by Region During 2019/20 Agricultural Year, Tanzania .....	71
Table 3.8:	Planted and Harvested Area, Quantity and Yield of Okra by Region During 2019/20 Agricultural Year, Tanzania.....	75
Table 3.9:	Number of Households, Planted and Harvested Area, Quantity Harvested of Banana by Region During 2019/20 Agricultural Year, Tanzania.....	77
Table 3.10:	Number of Households, Planted and Harvested Area, Quantity Harvested of Mango by Region During 2019/20 Agricultural Year, Tanzania .....	79
Table 3.11:	Number of Households, Planted and Harvested Area, Quantity Harvested of Oranges by Region During 2019/20 Agricultural Year, Tanzania .....	81
Table 3.12:	Agricultural Households, Planted and Harvested Area, Quantity Harvested of Pinneapple by Region During 2019/20 Agricultural Year, Tanzania .....	83
Table 3.13:	Number of Households, Area Planted, Area Harvested, Production and Yield of Coffee from Smallholder Farmers by Region, 2019/20 Agricultural Year, Tanzania .....	86

Table 3.14:	Number of Households, Area Planted and Harvested and Production of Cashewnuts by Region, 2019/20 Agricultural Year, Tanzania .....	89
Table 3.15:	Number of Households, Area Planted and Harvested and Production of Sisal by Region, 2019/20 Agricultural Year, Tanzania .....	91
Table 3.16:	Number of Households, Area Planted and Harvested, Production and Yield of Tea by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	92
Table 3.17:	Number of Households, Planted and Harvested Area, Quantity Harvested of Cloves by Region During 2019/20 Agricultural Year, Tanzania .....	93
Table 3.18:	Quantity of Flour (tonnes) from Major Crops During 2019/20 Agricultural Year, Tanzania .....	95
Table 3.19:	Quantity of Oil (litres) from Major Crops During 2019/20 Agricultural Year, Tanzania .....	95
Table 3.20:	Area under Irrigation During Short and Long Rainy Seasons During 2019/20 Agricultural Year, Tanzania .....	98
Table 3.21:	Percentage of Area Planted with Fruits and Vegetables Under Irrigation by Seasons During 2019/20 Agricultural Year, Tanzania.....	102
Table 3.22:	Number of Agricultural Households Reported to Use Improved Seed and Area Planted by Season During 2019/20 Agricultural Year, Tanzania .....	103
Table 3.23:	Cultivated Area and Area Planted by Type of Seed Used During 2019/20 Agricultural Year, Tanzania .....	104
Table 3.24:	Number of Households Reported to Use Fertilizer and Type of Fertilizers by Season During 2019/20 Agricultural Year, Tanzania .....	106
Table 3.25:	Area Planted with Fertilizer and Type of Fertilizers by Season During 2019/20 Agricultural Year, Tanzania.....	111
Table 3.26:	Area Applied with Organic Fertilizer and Inorganic Fertilizer by Region and Season During 2019/20 Agricultural Year, Tanzania .....	113
Table 3.27:	Area Applied with Herbicides by Season During 2019/20 Agricultural Year, Tanzania .....	116
Table 3.28:	Number of Households Reported to Use Fungicides by Season During 2019/20 Agricultural Year .....	120
Table 3.29:	Area Applied with Fungicides by Season During 2019/20 Agricultural Year, Tanzania .....	120
Table 3.30:	Number of Households Reported to Use Insecticide by Season During 2019/20 Agricultural Year, Tanzania.....	121



Table 3.31:	Area Applied with Insecticide by Season During 2019/20 Agricultural Year, Tanzania .....	124
Table 3.32:	Number and Percentage of Agricultural Households Reported to Use Farm Implements/Assets by Region During 2019/20 Agricultural Year, Tanzania .....	131
Table 3.33:	Crop Commercialization Index by Crop Type and Region During 2019/20 Agricultural Year, Tanzania .....	134
Table 4.1:	Number of Households and Livestock/Chicken by Type for Smallholder Farmers and Large Scale Farms as of 1 <sup>st</sup> August 2020, Tanzania .....	138
Table 4.2:	Number of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1 <sup>st</sup> August 2020, Tanzania .....	143
Table 4.3:	Number of Agricultural Households Rearing Chicken and Number of Chicken by Flock Size as of 1 <sup>st</sup> August 2020, Tanzania .....	151
Table 4.4:	Number of Households and Chicken by Type of Chicken for the 2002/03, 2007/08 and 2019/20 Agriculture Censuses, Tanzania .....	152
Table 4.5:	Number of Households, Total Number of Chicken and Percentage by Type of Chicken as of 1 <sup>st</sup> August 2020, Tanzania .....	152
Table 4.6:	Number and Percentage of Households Rearing Indigenous Chicken by Flock Size and Average Number of Chicken per Household as of 1 <sup>st</sup> August 2020, Tanzania .....	153
Table 4.7:	Number of Households and Chicken, Percentage of Households and Average Number of Improved Chicken per Household by Flock Size, Tanzania .....	156
Table 4.8:	Number and Percentage of Other Poultry by Region as of 1 <sup>st</sup> August 2020, Tanzania .....	158
Table 4.9:	Number of Other Livestock by Type and Region as of 1 <sup>st</sup> August 2020, Tanzania .....	160
Table 4.10:	Milk Production for Large Scale Farms and Smallholder Farmers During 2019/20 Agricultural Year, Tanzania .....	162
Table 4.11:	Cow Milk Production for Smallholder Farmers by Season During 2019/20 Agricultural Year, Tanzania .....	162
Table 4.12:	Average Milk Production per Cow per Day by Type of Cattle and Season During 2019/20 Agricultural Year, Tanzania .....	163
Table 4.13:	Goat Milk Production and Average Milk Production per Goat per Day for Smallholder Farmers by Season During 2019/20 Agricultural Year, Tanzania .....	166

Table 4.14:	Number of Reported Cases of Cattle Diseases Occurrence by Type and Region During 2019/20 Agricultural Year.....	177
Table 4.15:	Number of Reported Cases of Goat Disease Occurrences by Type and Region During 2019/20 Agricultural Year, Tanzania.....	182
Table 4.16:	Number of Reported Cases of Sheep Diseases Occurrences by Type and Region During 2019/20 Agricultural Year, Mainland Tanzania.....	189
Table 4.17:	Number of Reported Cases of Pig Diseases Occurrences by Type and Region During 2019/20 Agricultural Year, Tanzania.....	194
Table 4.18:	Number of Households Reported Occurrence of Diseases and Number of Poultry Infected by Type of Disease During 2019/20 Agricultural Year, Tanzania.....	198
Table 4.19:	Number and Percentage of Households Reported to Deworm Livestock During 2019/20 Agricultural Year, Tanzania.....	206
Table 4.20:	Number and Percentage of Households Received Extension Services on Livestock by Type of Extension Advice for Livestock During 2019/20 Agricultural Year, Tanzania.....	210
Table 4.21:	Number of Stocked and Harvested Fish, Weights of Harvested and Sold Fish, During 2019/20 Agricultural Year, Tanzania.....	216
Table 4.22:	Number of Households and Quantity of Feeds Used by Main Source of Fish Feeds During 2019/20 Agricultural Year, Tanzania .....	220
Table 5.1:	Number and Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities During 2019/20 Agricultural Year, Tanzania .....	226
Table 5.2:	Number of Agricultural Household Members Received Second Credit by Sex During 2019/20 Agricultural Year, Tanzania.....	229
Table 5.3	Percentage of Agricultural Household Members Reported the Use of Credit by Region During 2019/20 Agricultural Year, Tanzania .....	232
Table 5.4:	Value and Percentage of Credits and Repayments by Region During 2019/20 Agricultural Year, Tanzania.....	234
Table 5.5:	Number and Percentage of Agricultural Households Reported Major Constraints During 2019/20 Agricultural Year, Tanzania .....	237
Table 6.1:	Number and Percentage of Households by Type of Roofing Material During 2019/20 Agricultural Year, Tanzania.....	238
Table 6.2:	Percentage of Households Reported Materials Used for Roof Construction by Region During 2019/20 Agricultural Year, Tanzania .....	239

Table 6.3:	Number and Percentage of Households by Type of Floor Material During 2019/20 Agricultural Year, Tanzania .....	240
Table 6.4:	Percentage of Households Reported Materials Used for Floor Construction by Region During 2019/20 Agricultural Year, Tanzania .....	241
Table 6.5:	Number and Percentage of Households by Type of Wall Material During 2019/20 Agricultural Year, Tanzania .....	242
Table 6.6:	Percentage of Agricultural Households Reported Materials Used for Wall Construction by Region During 2019/20 Agricultural Year, Tanzania .....	243
Table 6.7:	Number and Percentage of Agricultural Households by Type of Toilet Facility During 2019/20 Agricultural Year, Tanzania .....	244
Table 6.8:	Percentage of Agricultural Households by Type of Toilet Facility and Region During 2019/20 Agricultural Year, Tanzania .....	245
Table 6.9:	Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking During 2019/20 Agricultural Year, Tanzania .....	246
Table 6.10:	Percentage of Agricultural Households Reported Main Source of Energy for Cooking by Region During 2019/20 Agricultural Year, Tanzania.....	247
Table 6.11:	Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking During 2019/20 Agricultural Year, Tanzania .....	248
Table 6.12:	Percentage of Agricultural Households Reported Main Source of Energy for Lighting by Region During 2019/20 Agricultural Year, Tanzania.....	249
Table 6.13:	Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Wet Season During 2019/20 Agricultural Year, Tanzania .....	250
Table 6.14:	Percentage Distribution of Agricultural Households Reported Main Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania .....	252
Table 6.15:	Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Dry Season During 2019/20 Agricultural Year, Tanzania .....	253
Table 6.16:	Percentage Distribution of Agricultural Households Reported Main Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania .....	254
Table 6.17:	Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year.....	255



Table 6.18:	Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania .....	255
Table 6.19:	Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Wet Season During 2019/20 Agricultural Year, Tanzania .....	256
Table 6.20:	Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Dry Season During 2019/20 Agricultural Year, Tanzania .....	257
Table 6.21:	Percentage of Agricultural Households Reported Ownership of Assets During 2019/20 Agricultural Year, Tanzania.....	258
Table 6.22:	Number and Percentage of Households Reported to Consume Meat in Last 7 days in 2007/08 and 2019/20 Agriculture Censuses, Tanzania.....	260
Table 6.23:	Number and Percentage of Households Reported Status of Food Satisfaction in the Last Twelve Months During 2007/08 and 2019/20 Agricultural Year, Tanzania .....	263
Table 6.24:	Percentage of Agricultural Households Reported Main Source of Household Income During 2007/08 and 2019/20 Agriculture Censuses, Tanzania .....	265

## LIST OF FIGURES

Figure 2.1: Agricultural Household by Type of Activity During 2019/20 Agricultural Year, Tanzania .....	6
Figure 2.2: Agricultural Household by Type of Activity, Mainland Tanzania .....	7
Figure 2.3: Agricultural Household by Type of Activity, Tanzania Zanzibar .....	7
Figure 2.4: Percentage Population of Agricultural Household Members by Sex in 2007/08 and 2019/20 Agricultural Censuses, Tanzania.....	7
Figure 2.5: Average Household Size of Agricultural Households During 2019/20 Agricultural Year, Tanzania .....	9
Figure 2.6: Agricultural Household Members by Literacy Rate During 2019/20 Agricultural Year, Tanzania .....	9
Figure 2.7: Percentage of Literacy Level of Household Members by Region During 2019/20 Agricultural Year, Tanzania.....	10
Figure 2.8: Percentage of Agricultural Household Members 5 Years and Above by Education Status During 2019/20 Agricultural Year, Tanzania .....	11
Figure 2.9: Percentage of Household Members by Education Status and Region During 2019/20 Agricultural Year, Tanzania .....	12
Figure 2.10: Percentage of Household Members Aged 5 Years and Above by the Level of Involvement in Farming Activities During 2019/20 Agricultural Year, Tanzania .....	13
Figure 2.11: Trend of Utilised Land per Household in 2002/03, 2007/08 and 2019/20 Agriculture Censuses.....	14
Figure 2.12: Percentage of Agriculture Households by Whether All Land Available to the Household was Used During 2019/20 Agricultural Year, Mainland Tanzania .....	15
Figure 2.13: Percentage of Agricultural Households Responding to Sufficiency of Land During 2019/20 Agricultural Year, Tanzania Zanzibar .....	15
Figure 2.14: Percentage of Households with Sufficient Land for Agricultural Activities During 2019/20 Agricultural Year, Mainland Tanzania .....	16
Figure 2.15: Percentage of Households with Sufficient Land for Agricultural Activities During 2019/20 Agricultural Year, Tanzania Zanzibar .....	16
Figure 2.16: Land Area by Type of Land Use During 2019/20 Agricultural Year, Tanzania .....	17
Figure 2.17: Distribution of Land Utilization by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	17
Figure 2.18: Distribution of Land Utilization by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	18

Figure 3.1:	Planted and Harvested Area with Maize by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	23
Figure 3.2:	Planted and Harvested Area with Maize by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	23
Figure 3.3:	Production and Yield of Maize During 2019/20 Agricultural Year, Mainland Tanzania .....	24
Figure 3.4:	Production and Yield of Maize During 2019/20 Agricultural Year, Tanzania Zanzibar .....	25
Figure 3.5:	Trend of Maize Production by Smallholder Farmers by Three Consecutive Censuses in Tanzania .....	26
Figure 3.6:	Planted and Harvested Area with Paddy by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	27
Figure 3.7:	Planted and Harvested Area with Paddy by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	27
Figure 3.8:	Production and Yield of Paddy by Smallholder Farmers During 2019/20 Agricultural Year, Mainland Tanzania.....	29
Figure 3.9:	Production and Yield of Paddy by Smallholder Farmers During 2019/20 Agricultural Year, Tanzania Zanzibar.....	29
Figure 3.10:	Trend of Paddy Production by Smallholder Farmers in Three Consecutive Censuses, Tanzania .....	30
Figure 3.11:	Planted and Harvested Area with Sorghum by Smallholder Farmers by Region During Agricultural Year, Mainland Tanzania.....	31
Figure 3.12:	Production and Yield of Sorghum by Smallholder Farmers During 2019/20 Agricultural Year, Mainland Tanzania .....	32
Figure 3.13:	Trend of Sorghum Production by Smallholder Farmers in Three Consecutive Censuses, Tanzania.....	33
Figure 3.14:	Planted and Harvested Area with Cassava by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	37
Figure 3.15:	Planted and Harvested Area with Cassava produced by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	37
Figure 3.16:	Production and Yield of Cassava During 2019/20 Agricultural Year, Mainland Tanzania .....	38
Figure 3.17:	Production and Yield of Cassava During 2019/20 Agricultural Year, Tanzania Zanzibar .....	39
Figure 3.18:	Planted and Harvested Area with Sweet Potatoes by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	40

Figure 3.19: Planted and Harvested Area with Sweet Potatoes by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	41
Figure 3.20: Production and Yield of Sweet Potatoes During 2019/20 Agricultural Year, Mainland Tanzania .....	43
Figure 3.21: Production and Yield of Sweet Potatoes During 2019/20 Agricultural Year, Tanzania Zanzibar .....	43
Figure 3.22: Planted and Harvested Area with Irish Potatoes by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	44
Figure 3.23: Production and Yield of Irish Potatoes During 2019/20 Agricultural Year, Mainland Tanzania .....	45
Figure 3.24: Planted and Harvested Area with Beans by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	47
Figure 3.25: Quantity Harvested and Yield of Beans by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	48
Figure 3.26: Planted and Harvested Area with Cowpeas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	49
Figure 3.27: Planted and Harvested Area with Cowpeas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	49
Figure 3.28: Quantity Harvested and Yield of Cowpeas by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	50
Figure 3.29: Production of Cowpeas by Region During 2019/2 Agricultural Year, Tanzania Zanzibar .....	51
Figure 3.30: Production of Green gram by Region During 2019/2 Agricultural Year, Mainland Tanzania .....	52
Figure 3.31: Production of Green gram by Region During 2019/2 Agricultural Year, Tanzania Zanzibar .....	52
Figure 3.32: Green gram Production by Region during 2019/20 Agricultural Year, Mainland Tanzania .....	53
Figure 3.33: Green gram Production and Yield by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	53
Figure 3.34: Planted and Harvested Area with Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	55
Figure 3.35: Planted and Harvested Area with Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	55
Figure 3.36: Production and Yield of Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	56

Figure 3.37: Production and Yield of Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	57
Figure 3.38: Quantity Harvested and Yield of Tomato by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	68
Figure 3.39: Quantity Harvested and Yield of Tomato by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	68
Figure 3.40: Quantity Harvested and Yield of Onions by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	69
Figure 3.41: Quantity Harvested and Yield of Watermelon by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	73
Figure 3.42: Quantity Harvested and Yield of Watermelon by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	73
Figure 3.43: Productivity of Cotton by Major Producing Region During 2019/20 Agricultural Year, Mainland Tanzania.....	84
Figure 3.44: Productivity of Tobacco by Major Producing Regions During 2019/20 Agricultural Year, Mainland Tanzania.....	85
Figure 3.45: Average Planted Area with Sugarcane per Household by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	87
Figure 3.46: Average Planted Area with Sugarcane per Household by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	87
Figure 3.47: Production of Coconut by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	89
Figure 3.48: Production of Coconut by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	90
Figure 3.49: Percentage of Agricultural Households Reported to Process Different Crops by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	94
Figure 3.50: Percentage of Agricultural Households Reported to Process Different Crops by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	94
Figure 3.51: Percentage of Households Reported to Sell Major Crop Products During 2019/20 Agricultural Year, Tanzania.....	96
Figure 3.52: Percentage of Planted Area under Irrigation by Main Crop During 2019/20 Agricultural Year, Tanzania.....	99
Figure 3.53: Percent of Irrigated Area Planted with Cereals by Planting Season During 2019/20 Agricultural Year, Mainland Tanzania .....	99
Figure 3.54: Percent of Irrigated Area Planted with Cereals by Planting Season During 2019/20 Agricultural Year, Tanzania Zanzibar.....	99

Figure 3.55: Percentage of Area planted with Roots and Tubers under Irrigation During 2019/20 Agricultural Year, Mainland Tanzania .....	100
Figure 3.56: Percentage of Area planted with Roots and Tubers under Irrigation During 2019/20 Agricultural Year, Tanzania Zanzibar .....	100
Figure 3.57: Percent of Planted Area with Pulses under Irrigation During 2019/20 Agricultural Year, Mainland Tanzania.....	101
Figure 3.58: Percent of Planted Area with Pulses under Irrigation During 2019/20 Agricultural Year, Tanzania Zanzibar.....	101
Figure 3.59: Percentage of Planted Area with Improved Seeds by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	105
Figure 3.60: Percentage of Planted Area with Improved Seeds by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	105
Figure 3.61: Number of Households Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania .....	107
Figure 3.62: Number of Households Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar.....	107
Figure 3.63: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania .....	108
Figure 3.64: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar.....	108
Figure 3.65: Number of Household Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania .....	108
Figure 3.66: Number of Household Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar.....	108
Figure 3.67: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania .....	109
Figure 3.68: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar.....	109
Figure 3.69: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania .....	114



Figure 3.70: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar .....	114
Figure 3.71: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania .....	115
Figure 3.72: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar .....	115
Figure 3.73: Percentage Distribution of Households Using Herbicides for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania.....	116
Figure 3.74: Percentage Distribution of Households Using Herbicides for Permanent Crops During 2019/20 Agricultural Year, Tanzania Zanzibar.....	116
Figure 3.75: Percentage Distribution of Area Applied with Herbicides During 2019/20 Agricultural Year, Mainland Tanzania .....	117
Figure 3.76: Percentage Distribution of Area Applied with Herbicides During 2019/20 Agricultural Year, Tanzania Zanzibar.....	117
Figure 3.77: Percentage Distribution of Households Using Fungicides During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania.....	118
Figure 3.78: Percentage Distribution of Households Using Fungicides During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar .....	118
Figure 3.79: Percentage Distribution of Households Using Fungicides During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania .....	119
Figure 3.80: Number of Households Reported to Use Fungicides During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar .....	119
Figure 3.81: Percentage Distribution of Households Using Fungicides for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania.....	119
Figure 3.82: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania.....	122
Figure 3.83: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar .....	122
Figure 3.84: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania .....	123
Figure 3.85: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar .....	123
Figure 3.86: Percentage Distribution of Households Using Insecticides for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania.....	124
Figure 3.87: Percentage Distribution of Households Using Insecticides for Permanent During 2019/20 Agricultural Year Crops, Tanzania Zanzibar.....	124

Figure 3.88: Percentage Distribution of Area Applied with Insecticides During 2019/20 Agricultural Year, Mainland Tanzania .....	125
Figure 3.89: Percentage Distribution of Area Applied with Insecticides During 2019/20 Agricultural Year, Tanzania Zanzibar.....	125
Figure 3.90: Percentage of Area Applied with Insecticide for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania .....	126
Figure 3.91: Percentage of Area Applied with Insecticide for Permanent Crops During 2019/20 Agricultural Year, Tanzania Zanzibar.....	126
Figure 3.92: Percentage Distribution of Agricultural Households Receiving Crop Extension Advices During 2019/20 Agricultural Year, Tanzania .....	126
Figure 3.93: Percentage Distribution of Agricultural Households Reported to Receive Crop Extension Advices by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	127
Figure 3.94: Percentage Distribution of Agricultural Households Receiving Crop Extension Advices by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	127
Figure 3.95: Percentage of Agricultural Households Receiving Extension Advices by Type of Extension Service Provider During 2019/20 Agricultural Year, Tanzania .....	128
Figure 3.96: Percentage of Agricultural Households Received Extension Message by Type of Extension Advices Practiced During 2019/20 Agricultural Year, Tanzania .....	129
Figure 3.97: Percentage of Agricultural Households that Reported Using Farm Implements/Assets During 2019/20 Agricultural Year, Tanzania .....	130
Figure 3.98: Percentage of Agricultural Households Reported Using Farm Tractors/Draft Animals by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	132
Figure 3.99: Percentage of Agricultural Households that Reported Using Tractors/Draft Animals by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	133
Figure 3.100:Percentage of Households Reported Marketing Challenges by Type of Challenge During 2019/20 Agricultural Year, Short Rainy Season, Tanzania .....	135
Figure 3.101:Percentage of Households Reported Marketing Challenges by Type of Challenge During 2019/20 Agricultural Year, Long Rainy Season, Tanzania .....	135
Figure 4.1: Percentage of Households Rearing Livestock by Type During 2019/20 Agricultural Year, Tanzania .....	137

Figure 4.2: Percentage of Livestock Population by Type During 2019/20 Agricultural Year, Tanzania .....	137
Figure 4.3: Cattle Population Growth in 2003, 2008 and 2020 Agriculture Censuses, Tanzania .....	139
Figure 4.4: Indigenous Cattle Population and Average Number of Cattle per Household by Region as of 1 <sup>st</sup> August 2020, Mainland Tanzania.....	139
Figure 4.5: Indigenous Cattle Population and Average Number of Cattle per Household by Region as of 1 <sup>st</sup> August 2020, Tanzania Zanzibar .....	140
Figure 4.6: Number of Improved Cattle by Type and Region as of 1 <sup>st</sup> August 2020, Mainland Tanzania.....	140
Figure 4.7: Number of Improved Cattle and Average Number per Household by Region During 2019/20 Agricultural Year, Zanzibar .....	141
Figure 4.8: Number of Indigenous Goats and Average Number of Goats per Household by Region as of 1 <sup>st</sup> August 2020, Mainland Tanzania.....	143
Figure 4.9: Number of Indigenous Goats and Average Number per Household by Region as of 1 <sup>st</sup> August 2020, Tanzania Zanzibar .....	144
Figure 4.10: Percentage of Improved Goats by Type as of 1st August 2020, Tanzania .....	144
Figure 4.11: Sheep Population and Average Number of Sheep per Household by Region as of 1 <sup>st</sup> August 2020, Mainland Tanzania .....	145
Figure 4.12: Percentage of Sheep Population by Region as of 1 <sup>st</sup> August 2020, Tanzania Zanzibar .....	145
Figure 4.13: Number of Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Tanzania .....	147
Figure 4.14: Number of Agricultural Households Rearing Pigs by Herd Size During the 2019/20 Agricultural Year in Mainland Tanzania .....	148
Figure 4.15: Percentage Distribution of Households Raising Chicken by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	149
Figure 4.16: Percentage Distribution of Households Raising Chicken by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	149
Figure 4.17 Percentage Distribution of Chicken from Smallholder Farmers and Large Scale Farms as of 1st August 2020, Tanzania.....	150
Figure 4.18: Percentage Distribution of Chicken by Type as of 1st August 2020, Mainland Tanzania.....	150
Figure 4.19: Percentage Distribution of Chicken by Type as of 1st August 2020, Tanzania Zanzibar .....	150
Figure 4.20: Percentage Distribution of Improved Chicken as of 1st August 2020, Mainland Tanzania.....	154

Figure 4.21: Percentage Distribution of Improved Chicken as of 1st August 2020, Tanzania Zanzibar .....	154
Figure 4.22: Trend for Improved Chicken Population in 2002/03, 2007/08 and 2019/20 Agricultural Censuses, Tanzania .....	156
Figure 4.23: Percentage Distribution of Other Poultry Population as of 1 <sup>st</sup> August 2020, Mainland Tanzania .....	157
Figure 4.24: Percentage Distribution of Other Poultry Population as of 1 <sup>st</sup> August 2020, Tanzania Zanzibar .....	157
Figure 4.25: Percentage of Households and Type of Method of Cattle Identification Used During 2019/20 Agricultural Year, Mainland Tanzania .....	161
Figure 4.26: Percentage of Households Using Colour as a Method of Cattle Identification by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	161
Figure 4.27: Average Price of Cow Milk by Region and Season During 2019/20 Agricultural Year, Mainland Tanzania .....	164
Figure 4.28: Average Price of Cow Milk by Region and Season During 2019/20 Agricultural Year, Tanzania Zanzibar .....	165
Figure 4.29: Eggs Production by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	167
Figure 4.30: Average Price of an Egg by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	168
Figure 4.31: Eggs Production by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	168
Figure 4.32: Average Price of an Egg by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	169
Figure 4.33: Percentage Distribution of Households Reported Outlet for Sale of Cattle During 2019/20 Agricultural Year, Mainland Tanzania .....	170
Figure 4.34: Percentage Distribution of Households Reported Outlet for Sale of Cattle During 2019/20 Agricultural Year, Tanzania Zanzibar .....	170
Figure 4.35: Percentage Distribution of Households Reported Outlet for Sale of Goats During 2019/20 Agricultural Year, Mainland Tanzania .....	171
Figure 4.36: Percentage Distribution of Households Reported Outlet for Sale of Goats During 2019/20 Agricultural Year, Tanzania Zanzibar .....	171
Figure 4.37: Percentage Distribution of Households Reported Outlet for Sale of Chicken During 2019/20 Agricultural Year, Mainland Tanzania .....	172
Figure 4.38: Percentage Distribution of Households Reported Outlet for Sale of Chicken During 2019/20 Agricultural Year, Tanzania Zanzibar .....	172

Figure 4.39: Percentage Distribution of Households Reported Outlet for Sale of Milk During 2019/20 Agricultural Year, Mainland Tanzania .....	173
Figure 4.40: Percentage Distribution of Households Reported Outlet for Sale of Milk During 2019/20 Agricultural Year, Tanzania Zanzibar .....	173
Figure 4.41: Number and Percent of Households Reported to Vaccinate Livestock Against FMD by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	199
Figure 4.42: Number and Percent of Households Reported to Vaccinate Livestock Against FMD by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	199
Figure 4.43: Number and Percent of Households Reported to Vaccinate Livestock Against Rabies by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	200
Figure 4.44: Number and Percent of Households Reported to Vaccinate Livestock Against Rabies by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	200
Figure 4.45: Number and Percent of Households Reported to Vaccinate Livestock Against Black Quarter by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	201
Figure 4.46: Number and Percent of Households Reported to Vaccinate Livestock Against Black Quarter by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	201
Figure 4.47: Number and Percent of Households Reported to Vaccinate Livestock Against Anthrax by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	202
Figure 4.48: Number and Percent of Households Reported to Vaccinate Livestock Against Anthrax by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	202
Figure 4.49: Number and Percent of Households Reported to Vaccinate Livestock Against CBPP Disease by Region During 2019/20Agricultural Year, Mainland Tanzania .....	203
Figure 4.50: Number and Percent of Households Reported to Vaccinate Livestock Against CBPP Disease by Region During 2019/20Agricultural Year, Tanzania Zanzibar .....	203
Figure 4.51: Percentage of Cattle Rearing Households Reported Sources of Vaccine by Type Disease During 2019/20 Agricultural Year, Tanzania.....	204
Figure 4.52: Percentage Distribution of Households Reported Tick Control Methods During 2019/20 Agricultural Year, Tanzania .....	204
Figure 4.53: Percent of Households Reported Tsetse Flies Control Methods During 2019/20 Agricultural Year, Tanzania.....	205

Figure 4.54: Percent of Households Reported NCD Control Methods During 2019/20 Agricultural Year, Tanzania .....	205
Figure 4.55: Percentage of Households Reported to Deworm Livestock During 2019/20 Agricultural Year, Mainland Tanzania .....	207
Figure 4.56: Percentage of Households Reported to Deworm Livestock During 2019/20 Agricultural Year, Tanzania Zanzibar.....	207
Figure 4.57: Percentage of Households Received Extension Service Advice for Livestock During 2019/20 Agricultural Year, Tanzania.....	208
Figure 4.58: Number of Households Received Extension Advices for Livestock by Region During 2019/20 Agricultural Year, Mainland Tanzania.....	208
Figure 4.59: Number of Households Received Extension Service Advices for Livestock by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	209
Figure 4.60: Number and Percentage of Households Received Extension Advice on Disease Control for Livestock by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	210
Figure 4.61: Number and Percentage of Households Received Extension Advice on Feed and Proper Feeding for Livestock by Region During 2019/20 Agriculture Year, Mainland Tanzania.....	211
Figure 4.62: Number and Percentage of Households Received Extension Advice on Disease Control for Livestock by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	211
Figure 4.63: Number of Households Received Extension Advice Feed and Proper Feeding for Livestock by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	212
Figure 4.64: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Tanzania.....	212
Figure 4.65: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Mainland Tanzania.....	213
Figure 4.66: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Tanzania Zanzibar.....	213
Figure 4.67: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Mainland Tanzania.....	214
Figure 4.68: Percentage of Households Reported to Practice Livestock Extension Services by Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	214
Figure 4.69: Number of Agricultural Households Practicing Fish Farming by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	215

Figure 4.70: Weight of Fish Harvested by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	217
Figure 4.71: Percentage Distribution of Main Sources of Fish Fingerlings Reported by Households During 2019/20 Agricultural Year, Mainland Tanzania .....	217
Figure 4.72: Percentage Distribution of Main Sources of Fish Fingerlings Reported by Households During 2019/20 Agricultural Year, Tanzania Zanzibar .....	217
Figure 4.73: Percentage of Frequency of Stocking Fingerling During 2019/20 Agricultural Year, Tanzania .....	218
Figure 4.74: Percentage Distribution of Frequency of Stocking Fingerlings During 2019/20 Agricultural Year, Mainland Tanzania .....	218
Figure 4.75: Percentage Distribution of Frequency of Stocking Fingerlings During 2019/20 Agricultural Year, Tanzania Zanzibar.....	218
Figure 4.76: Percentage Distribution of Households Reported Outlets for Selling Fish During 2019/20 Agricultural Year, Tanzania .....	219
Figure 4.77: Percentage Distribution of Households Reported Outlet for Selling Fish During 2019/20 Agricultural Year, Mainland Tanzania .....	219
Figure 4.78: Percentage Distribution of Households by Category of Bee Kept During 2019/20 Agricultural Year, Tanzania.....	220
Figure 4.79: Quantity of Honey Produced from Stingless and Sting Bees by Region During 2019/20 Agriculture Year, Mainland Tanzania .....	221
Figure 4.80: Quantity of Honey Produced from Sting and Stingless Bees by Region During 2019/20 Agricultural Year, Tanzania Zanzibar .....	222
Figure 4.81: The Average Price of Honey per Litre from Stingless and Sting During 2019/20 Agricultural Year, Mainland Tanzania .....	223
Figure 4.82: The Average Price of Honey per Litre from Stingless and Sting Bees During 2019/20 Agricultural Year, Tanzania .....	223
Figure 4.83: Percentage of Households Reported the Main Markets of Honey During 2019/20 Agricultural Year, Mainland Tanzania .....	224
Figure 4.84: Number of Households Reported Neighbours as the Main Market for Honey Sales by Region During 2019/20 Agricultural Year, Mainland Tanzania .....	224
Figure 4.85: Percentage of Households Reported the Main Markets of Honey During 2019/20 Agricultural Year, Tanzania Zanzibar.....	225
Figure 5.1: Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities During 2019/20 Agricultural Year, Mainland Tanzania .....	227



Figure 5.2: Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities During 2019/20 Agricultural Year, Tanzania Zanzibar.....	227
Figure 5.3: Number of Agricultural Household Members Received First Credit by Sex and Region During 2019/20 Agricultural Year, Mainland Tanzania.....	228
Figure 5.4: Number of Agricultural Household Members Received First Credit by Sex and Region During 2019/20 Agricultural Year, Tanzania Zanzibar.....	228
Figure 5.5: Percentage of Agricultural Household Members Received First Credit by Source During 2019/20 Agricultural Year, Tanzania .....	230
Figure 5.6: Percentage of Agricultural Household Members Received Second Credit by Source During 2019/20 Agricultural Year, Tanzania .....	231
Figure 5.7: Percentage of Agricultural Households Reported Main Reason for Not Borrowing Credit During the 2019/20 Agricultural Year, Tanzania .....	236
Figure 6.1: Percentage of Agricultural Households Reported Number of Meals Normally Taken per Day During 2019/20 Agricultural Year, Tanzania .....	259
Figure 6.2: Percentage of Agricultural Households Reported Number of Days the Household Consumed Fish in the Last Seven Days During 2019/20 Agricultural Year, Tanzania .....	261
Figure 6.3: Percentage of Agricultural Households Reported the Status of Food Satisfaction in the Last Twelve Months During 2019/20 Agricultural Year, Tanzania .....	263
Figure 6.4: Percentage of Households by Main Source of Cash Income in 2007/08 and 2019/20 Agricultural Years, Tanzania .....	264

## LIST OF MAPS

Map 3.1:	Production of Maize by Region During 2019/20 Agricultural Year, Tanzania .....	25
Map 3.2:	Production of Paddy by Region During 2019/20 Agricultural Year, Tanzania .....	28
Map 3.3:	Production of Sorghum by Region During 2019/20 Agricultural Year, Tanzania .....	32
Map 3.4:	Production of Sweet Potatoes by Region During 2019/20 Agricultural Year, Tanzania .....	42
Map 3.5:	Sunflower Production by Region During 2019/20 Agricultural Year, Tanzania .....	62
Map 3.6:	Tomato Production by Region During 2019/20 Agricultural Year, Tanzania .....	67
Map 4.1:	Cattle Population Reported by Smallholder Farmers by Region in Tanzania as of 1 <sup>st</sup> August 2020 .....	138
Map 4.2:	Goat Population Reported by Smallholders by Region as of 1st August 2020, Tanzania .....	142
Map 4.3:	Sheep Population Reported by Smallholders by Region as of 1 <sup>st</sup> August 2020, Tanzania .....	146
Map 4.4:	Pig Population Reported by Smallholder by Region as of 1 <sup>st</sup> August 2020, Tanzania .....	147
Map 4.5:	Chicken Population Reported by Smallholders by Region as of 1 <sup>st</sup> August 2020, Tanzania.....	151
Map 4.6:	Indigenous Chicken Population Reported by Smallholders by Region as of 1st August 2020, Tanzania .....	153
Map 4.7:	Layers Population Reported by Smallholders by Region as of 1st August 2020, Tanzania .....	155
Map 4.8:	Broilers Population Reported by Smallholders by Region as of 1st August 2020, Tanzania.....	155
Map 4.9:	Cow Milk Production Reported by Smallholders by Region During 2019/20 Agricultural Year, Tanzania.....	164
Map 4.10:	Goat Milk Production Reported by Smallholders by Region During 2019/20 Agricultural Year, Tanzania.....	166
Map 4.11:	Number of Households Reported Tick Borne Diseases Infections During 2019/20 Agricultural Year, Tanzania.....	175
Map 4.12:	Number of Households Reported CBPP Disease Infections During 2019/20 Agricultural Year, Tanzania.....	176

Map 4.13:	Number of Households Reported FMD Infections During 2019/20 Agricultural Year, Tanzania.....	180
Map 4.14:	Number of Households Reported Brucellosis Disease Infections During 2019/20 Agricultural Year, Tanzania.....	181
Map 4.15:	Number of Households Reported CCPP Disease Infections During 2019/20 Agricultural Year, Tanzania.....	185
Map 4.16:	Number of Households Reported Brucellosis Disease Infections During 2019/20 Agricultural Year, Tanzania.....	187
Map 4.17:	Number of Households Reported FMD Infections During 2019/20 Agricultural Year, Tanzania.....	188
Map 4.18:	Number of Households Reported CCPP Disease Infections During 2019/20 Agricultural Year, Tanzania.....	191
Map 4.19:	Number of Households Reported FMD Infections During 2019/20 Agricultural Year, Tanzania.....	192
Map 4.20:	Number of Households Reported Brucellosis Disease Infections During 2019/20 Agricultural Year, Tanzania.....	193
Map 4.21:	Number of Households Reported Helminthiosis Disease Infections During 2019/20 Agricultural Year, Tanzania .....	197

## GENERAL NOTES

1. The highest production of various crops observed in Dar es Salaam region and other regions resulted from the fact that, many agricultural households based in those region were reported to practice their agricultural activities in other regions.
2. Where necessary, numbers have been rounded off and for this reason there may be, in some tables and figures an apparent discrepancy between the sum of the constituent items and the total shown.

## LIST OF ABBREVIATIONS

AI	Artificial Insemination
ASDP II	Agricultural Sector Development Programme Phase II
ASLMs	Agricultural Sector Lead Ministries
ASF	African Swan Fever
CAADP	Comprehensive Africa Agriculture Development Programme
CAPI	Computer Assisted Personal Interview
CBPP	Contagious Bovine Pleura Pneumonia
CCPP	Contagious Caprine Pleuropneumonia
CSPRO	Census and Survey Processing System
EA	Enumeration Area
FAO	Food and Agriculture Organization
FMD	Foot and Mouth Disease
GDP	Gross Domestic Product
NBS	National Bureau of Statistics
NCD	Newcastle Disease
NGOs	Non-Governmental Organizations
NSCA	National Sample Census of Agriculture
OCGS	Office of the Chief Government Statistician
PSU	Primary Sampling Unit
SDGs	Sustainable Development Goals
USAID	United States Agency for International Development
USDA	United States Department of Agriculture
ToE	Training of Enumerators
ToT	Training of Trainers
TVLA	Tanzania Veterinary Laboratory Agency
TZS	Tanzanian Shillings
USAID	United States Agency for International Development
USDA	United States Department of Agriculture

## **DEFINITION OF KEY TERMS**

### **Reference Period**

The Agriculture Sample Census covered the agricultural year 2019/20. The agricultural year is a twelve - month cycle in which production of crops takes place. In Tanzania, agricultural year commences on 1<sup>st</sup> October and ends 30<sup>th</sup> September of the following year.

### **Household**

Is defined as person or a group of persons with a common arrangement for providing themselves with food regardless of source of income. A household may be either a one-person household or a multi-person household.

### **Agricultural Holding**

Is any economic unit of agricultural production (like a garden of temporary and/or permanent crops or cattle rearing/plantation) under single management, without regard to title, legal form or size. Management may be exercised by an individual member of the household or by the entire household. For the purpose of 2019/20 Agriculture Sample Census, agriculture holdings were restricted to those that met one or more of the following conditions:

- Having or operating at least 25 square meters of arable land
- Own or keep at least one head of cattle or five goats/sheep/pigs or fifty chicken/ducks/turkeys during the agriculture year 2019/20.

### **Crop Garden**

Is a piece of land used wholly or partly for crop production purposes under one form of tenure. It may consist of one or more fields adjacent to each other. A crop garden may also be termed a parcel. It may comprise one agricultural holding or just part of an agricultural holding. Tenure refers to the arrangements or right under which the holder holds or uses land.

### **Short Rainy Season**

The short rainy season in Tanzania begins in October up to January of the following year.

### **Long Rainy Season**

The long rainy season in Tanzania begins in March up to May of the same year.

### **Temporary Crops**

This refers to crops that mature within one or more rain seasons e.g. beans and maize, but are destroyed after harvesting.

### **Permanent Crops**

This refers to crops which are sown or planted once, and then, they occupy the land for some years and need not to be replanted after each annual harvest.

### **Crop Only**

A household is referred to be crop only, if it has cultivated a piece of land equal or exceeding 25 square meters. This context also applies to all households owning or have kept livestock whose number does not qualify such household to be an agricultural holding (No cattle or less than 5 goats/sheep/pigs or less than 50 chickens/turkeys/ducks/rabbits).

### **Livestock Only**

A household is referred to be a livestock only if it has owned or kept at least 1 cattle and/or 5 goats/sheep/pigs or more and/or 50 chickens/turkeys/ducks/rabbits or more during the reference agricultural year. This also applies to all holders owning or having cultivated land less than 25 square meters.

### **Pastoralists**

This refers to the households involved in livestock keeping with behavior of seasonal movement in search of water and pasture for their livestock.

### **Crops and Livestock**

A household is referred to be both crops and livestock if it has cultivated a piece of land equal or exceeding 25 square meters and has owned or kept at least 1 cattle and/or 5 goats/sheep/pigs or more and/or 50 chickens/turkeys/ducks/rabbits or more during the reference agricultural year.

### **Fish Farming**

A household is referred to be fish farming if it involves itself in raising fish. This do not include households that fish in the naturally occurring water bodies such as river, lakes, seas, etc.

### **Small Scale Farms**

These are farms, with at least 25 square meters of planted land and/or one cattle, 5 goats/sheep/pigs, 50 chickens/turkeys/ducks/guinea fowls/rabbits.



### **Large Scale Farms**

These are farms with at least 20 hectares of cultivated land or 50 herds of cattle or 100 goats/sheep/pigs or 1,000 chickens. In addition to this, they should fulfill all of the four listed conditions:

- i). Greater part of the produce should go to the market;
- ii). Operation of farm should be continuous;
- iii). There should be an application of machinery/implements on the farm; and
- iv). Should have at least one permanent employee.

### **Agro Processing**

Is the transformation of basic agricultural produces into value added products for the purpose of meeting market needs.

## FOREWORD

The National Sample Census of Agriculture 2019/20 is the fifth Census of Agriculture conducted in Tanzania. The first Census was conducted in 1971/72, the second in 1993/94 to 1994/95 in which data on household characteristics and livestock count were collected in 1993/94 while data on crop area and production were collected in 1994/95. The third Census was conducted in 2002/03 and the fourth in 2007/08.



The NSCA 2019/20 was jointly implemented by **Hon. Professor Adolf Faustine Mkenda (MP)** the National Bureau of Statistics (NBS) and Minister for Agriculture Office of the Chief Government Statistician, Zanzibar (OCGS), in collaboration with Agricultural Sector Lead Ministries (ASLMs). The Government of Tanzania, the European Union (EU) and the United States Agency for International Development (USAID) provided financial support while the United States Department of Agriculture (USDA) and Food and Agriculture Organization of the United Nations (FAO) provided technical assistance.

The main objective of the National Sample Census of Agriculture 2019/20 was to provide baseline data on Agricultural Statistics. The results will be used for national agricultural planning, implementation and policy intervention, for the purpose of improving agricultural sector through increased productivity and promoting agro-processing for industrial development and improving farmer's livelihood. Moreover, the results will facilitate monitoring and evaluation of the Sustainable Development Goals (SDGs), African Agenda 2063, MALABO declaration, third Five Year Development Plan (2021/22–2025/26) and Agricultural Sector Development Programme Phase II (ASDP II).

On behalf of the Government of United Republic of Tanzania, I would like to thank the Development Partners (DPs) for the financial and technical support provided in particular the European Union (EU), Food and Agriculture Organization of the United Nations (FAO), the United States Agency for International Development (USAID), the United States Department of Agriculture (USDA) and other stakeholders.

It is my hope this report will provide important data and information on agricultural sector to the Government, policy makers, planners, and other stakeholders to support the development of agriculture sector in the country.

**Hon. Professor Adolf Faustine Mkenda (MP)**  
**Minister for Agriculture**

## PREFACE

The National Bureau of Statistics (NBS) in collaboration with the Ministry of Agriculture; Ministry of Livestock and Fisheries; President's Office, Regional Administration and Local Governments; Ministry of Industry and Trade; Ministry of Agriculture, Irrigation, Natural Resources and Livestock, Zanzibar; and Office of the Chief Government Statistician, Zanzibar conducted the National Sample Census of Agriculture at the end of the 2019/20 agricultural year.



**Dr. Albina Chuwa**  
Statistician General

The National Sample Census of Agriculture 2019/20 collected detailed data on rural and urban agricultural households, land ownership, land use, crops production, agro processing, irrigation, use of inputs, crop extension services and agricultural mechanization. Other data collected were access to credit, market information, agricultural constraints, poverty indicators, livestock population and production of livestock products, livestock extension services, fish farming and beekeeping. The census covered smallholders farming at household level and commercial large scale farms.

This report provide data disaggregated at National and Regional level. The report provides detailed statistics of different indicators that serves as planning tool for the Government planners, researchers, policy makers and other stakeholders involved in agriculture and rural development. In addition, the report provides comprehensive data that serve as a monitoring and evaluation tool for rural development interventions.

I therefore express my sincere appreciation to the Census Technical Committee comprised of senior staff from the NBS, OCGS and ASLMs for their commendable work. My appreciation as well extends to all the professionals, Regional and District supervisors and field enumerators for their dedicated work. Certainly, without their commitment, the census would not have been successful.

A handwritten signature in blue ink, appearing to read 'Albina Chuwa', with a stylized flourish at the end.

**Dr. Albina Chuwa**  
**Statistician General**  
**National Bureau of Statistics**

## EXECUTIVE SUMMARY

At the end of 2019/20 Agricultural year, the Government of Tanzania carried out the National Sample Census of Agriculture. The Census covered both smallholder farmers and large scale farms. From a total of 12,007,839 households in Tanzania (11,659,589 in Mainland Tanzania and 348,250 in Tanzania Zanzibar), 7,837,405 households (65.3 percent) were involved in agricultural activities. Of the total agriculture households, 5,088,135 (64.9 percent) were involved in crops only, 2,589,156 (33.0 percent) households engaged in crops and livestock, 1547,290 (2.0 percent) were involved in livestock only, whilst the least number of households were involved in fish farming (1,358) and pastoralism (1,465), jointly having less than one percent. There were 1,093 large scale farms, from which 554 were dealing with crop production only, 277 were dealing with livestock only, crops and livestock were 202 and 60 farms were dealing with fish farming.

The total land area available to smallholder farmers either through formal titles or customary rights was 20,774,267 ha (an average of 2.7 ha per household), though households used only an average of 2.3 ha for agricultural activities during 2019/20 agricultural year. Nationally, the total utilized land was 16,717,289 ha, of which 16,547,420 were located in the Mainland Tanzania and 169,869 ha in Tanzania Zanzibar.

Most of the land (66.4 percent) was planted with annual crops (including fallow), while permanent or perennial crops occupied 16 percent and about 7 percent was planted with a mixture of annual and permanent crops and 7 percent was area of uncultivated usable land. The rest of the land was either planted with trees, rented to others or under pastures/natural bush. Land sufficiency shows that, only 33 percent of agricultural households reported that, they had sufficient land for their agricultural activities.

Generally, cereals were the main type of crops grown by smallholder farmers across the country occupying 7,406,207 ha of the total land under annual crops, followed by oil seed and nut crops (1,518,585 ha); pulses planted on 1,426,783 ha and roots and tubers that were planted on 1,112,399 ha. A large proportion of these crops were planted during long rainy season. Nationwide, maize was the most widely planted crop by smallholder farmers (7,392,112 households) with a total of 4,931,111 ha were planted, followed by paddy (1,688,241 ha), beans (823,485 ha), cassava (740,706 ha), groundnuts (528,373 ha) and sunflower (524,050 ha).

The total planted area under irrigation was 289,381 ha, representing 2.5 percent of the total planted area. Area under irrigation in Mainland Tanzania was 272,899 ha equivalents to 2.3

percent of the total planted area, while in Tanzania Zanzibar, the area under irrigation was 16,489 ha equivalent to 13.1 percent of the total planted area. In Mainland Tanzania, irrigated crop production was carried out mostly during long rainy season while in Tanzania Zanzibar irrigated crop production was carried out mostly during short rainy season. Cereals (48.7 percent) occupied large area under irrigation during short rainy season, followed by fruits and vegetables (34.7 percent), and pulses (14.7 percent). Similar pattern was observed during long rainy season where cereals occupied large area under irrigation (49.6 percent), followed by fruits and vegetables (38.6 percent), and pulses (7.0 percent). The least area irrigated during both short and long rainy seasons was occupied by oil seeds and nuts, and roots and tubers (both had less than 1 percent and 3 percent in short and long rainy seasons respectively).

The total planted area with improved seeds was 2,593,523 ha, accounting for 22.1 percent of the total cultivated area. On the other hand, planted area with local seeds was 8,906,314 ha, representing 75.8 percent of the total cultivated area, while the area planted with local and improved seeds was 250,884 ha, which is equivalent to 2.1 percent of the total planted area.

Usage of fertilizers show that, 2.8 million hectares, equivalent to 20.2 percent of total planted area, were applied with fertilizers, out of which 2.7 million hectares were in Mainland Tanzania and 40,024 hectares in Tanzania Zanzibar. Out of the total planted area applied with fertilizer, 39.6 percent was applied with organic fertilizers and 60.4 percent with inorganic fertilizers.

Majority of the households in Tanzania (7,477,152; 95.4 percent), reported to use hand hoe and sword (6,982,450; 89.1 percent) for their farming activities. Other farming implements reported to be used by smallholder farmers, were oxen (27.8 percent), ox plough (26.5 percent), hand sprayer (17.9 percent) and tractors (10.2 percent).

Out of 7,677,291 crop growing households in Tanzania, 537,701 households (6.9 percent) received crop extension advice during 2019/20 agricultural year. Moreover, from 7,499,219 crops growing households in Mainland Tanzania, 519,802 (6.8 percent) households received extension service. For the case of Tanzania Zanzibar, out of 178,072 households; 17,899 households equivalent to 10.1 percent reported to receive extension service.

The number of household members who received credits from different sources for agricultural activities during 2019/20 agricultural year in Tanzania was 294,618, of which 217,403 members (73.8 percent) were males and 77,201 (26.2 percent) were females. The sources of credits received were categorized as family, friends or relative; bank, cooperative; saving and

credit societies; trade/trade store; private individual; NGO/project; and others sources. It was also observed that, 76,214 members (63,059 males; 13,155 females) equivalent to 25.9 percent obtained first credit from family, friends or relatives. This was followed by cooperatives source, obtained by 65,601 members (53,543 males and 12,058 females), equivalent to 22.3 percent and private individual 49,765 (males 39,461 and females 10,304) equivalent to 16.9 percent. However, trade/trade store as another source of credit, recorded 7,982 members (7,320 males and 662 females) equivalent to 2.7 percent, as the lowest number to give the foremost credit to agricultural household members.

The total number of households involved in rearing livestock was 2,747,911 (2,683,452 were in Mainland Tanzania and 64,459 in Tanzania Zanzibar) equivalents to 35 percent of all agricultural households, out of which 1,971,550 households (39.4 percent) raised cattle, followed by goats (1,815,219; 36.3 percent), sheep (677,273; 13.5 percent) and pigs (536,986; 10.7 percent). It was also revealed that, out of 7,837,405 agricultural households, a total of 4,338,882 (55.4 percent) households raised chicken during 2019/20 agricultural year. Of the total households raised chicken, 4,238,344 households were in Mainland Tanzania and 100,538 from Tanzania Zanzibar.

There were 33.9 million cattle, of which smallholder farmers raised 33.8 million and large scale farms raised 142,968 cattle. From the total cattle population, 33.7 million heads were from Mainland Tanzania and 270,998 in Tanzania Zanzibar. The number of goats reported was 24.5 million for smallholder farmers and 33,847 from large scale farms. Out of the total goat population, 24.6 million heads were from Mainland Tanzania and 111,623 in Tanzania Zanzibar.

The number of sheep for smallholder farmers was 8.5 million and 24,075 for large scale farms, whereby 8,516,056 heads were from Mainland Tanzania and 934 in Tanzania Zanzibar. Furthermore, number of pigs was 3.2 million for smallholder farmers and 5,123 for large scale farms, of which 3,206,286 were from Mainland Tanzania and 2,209 in Tanzania Zanzibar. The total number of chicken reported was 87.7 million, of which 75.1 million were recorded from smallholder farmers and 12.5 million from large scale farms, with 83,895,396 chicken from Mainland Tanzania and 3,764,184 million in Tanzania Zanzibar.

Production of cow milk during the 2019/20 agricultural year was 3.13 billion litres, of which 3.11 billion litres were from smallholder farmers and 17.8 million litres from large scale farms.

In terms of Goat milk production, a total of 21.3 million litres were produced, whereby 21.2 million litres were produced from smallholder farmers and 12,515 litres from large scale farms. The total eggs production was 4.38 billion, of which 4.28 billion (97.8 percent) were from smallholder farmers and 95.27 million (2.2 percent) from large scale farms. Out of the total eggs produced by the smallholder farmers, 4,056,838,638 eggs were produced in Mainland Tanzania and 223,778,300 in Tanzania Zanzibar.

Despite the large number of livestock in Tanzania, the prevalence of diseases has remained a challenge in improving livestock productivity. Tick Born Diseases (TBD), Foot and Mouth Disease (FMD), Contagious Bovine Pleura Pneumonia (CBPP), trypanosomiasis and helminthiosis, were the common diseases in large and small ruminants, while Newcastle Disease (NCD) was the most problematic disease in chicken. There were 4,359,545 cattle infected with TBD; 4,297,145 infected with FMD; 3,872,491 infected with Helminthiosis and 3,516,887 infected with CBPP. As for chicken, more incidences of Newcastle Disease (NCD), was amongst the most prevalent disease infecting poultry during 2019/20 agricultural year.

In controlling ticks, spraying method was practiced by 73.5 percent of the households, while dipping was practiced by 22.5 percent. Whilst in controlling tsetse fly, spraying was the most common method practiced by 68.8 percent of the households. Among households that controlled newcastle disease, 53.7 percent of households used newcastle vaccine and 33.1 percent used local herbs to control the disease. Likewise, deworming was practiced by 664,549 households equivalent to 57.4 percent of the households practiced pest and parasite control.

The census results reveal that, less than a quantile of the total households rearing livestock, received extension services for their livestock during the reference period. A total of 250,768 households (9.1 percent) reported to receive livestock extension services, whereby 244,619 were in Mainland Tanzania and 6,149 in Tanzania Zanzibar.



# CHAPTER ONE

## BACKGROUND INFORMATION

### 1.0 Introduction

Agriculture is an important economic sector that play great role to the National economy in Tanzania. In the year 2020, the sector contributed 26.9 percent of the National GDP (Economic Survey Report, 2020). The contribution of crop sub-sector to the GDP was 15.4 percent, Livestock 7.1 percent, Fisheries 1.7 percent and Forest 2.7 percent. The sector is the main source of employment, food production, raw materials for industries, as well as foreign earning in the country. The livestock sub-sector provides best source of animal protein, food security, a source of cash income, manure for the crop fields, draught animal power, and other socio-economic functions while fisheries provide among others, a source of high-quality protein. Most of Tanzanians engaged in agriculture are smallholder farmers who grow a wide variety of annual and perennial crops such as paddy, maize, sorghum, beans, cowpeas, green gram, groundnuts, sunflower etc. In addition to that, farmers also grow wide varieties of fruits and vegetables such as tomatoes, onion, cabbage, amaranth, orange, mango, banana, pawpaw, watermelon etc. Cash crops including cotton, tobacco, sisal, cashew nuts, coffee and tea are mainly grown by smallholders and commercial large scale farms for export. For the livestock sub-sector, the majority are smallholders engaged in rearing of indigenous cattle, sheep, goats and chicken while fishing and fish farming is practiced at small scale.

This report focuses on the data related to agricultural households, land ownership, land use, crop production, agro processing, irrigation use, use of inputs, crop extension services and agriculture mechanization. Others are access to credit, market information, agriculture constraints, poverty indicators in agricultural households, livestock rearing and production of livestock products, livestock diseases, cattle identification, fish farming and beekeeping.

The report describes the agricultural activities at National and Regional level that take place in both sides of the United Republic of Tanzania. This report is divided into seven chapters that are Background Information, Demographics, Crops Results, Livestock Results, Agricultural Credits, Poverty Indicators and Conclusion and Recommendation.

## **1.1 Background Information**

In order to facilitate various activities of the Poverty Monitoring Master Plan, the Government has planned a series of censuses and surveys to assist in policy and planning and to track changes in the wellbeing of the population of Tanzania. Therefore, the 2019/20 National Sample Census of Agriculture results aim at providing useful information that will contribute in filling the data gaps, thus, support in planning and policy formulation geared to promote agricultural sector which the majority of the rural population depends on livelihood and it is their main source of income. In addition, the collected information provides benchmark data for monitoring and evaluating effectiveness of rural development initiatives.

## **1.2 Census Objectives**

The 2019/20 National Sample Census of Agriculture was designed to meet the data needs of a wide range of users down to district level including policy makers at local, regional and national levels, rural development agencies, funding institutions, researchers, NGOs, farmer's organizations. The dataset is both extensive in its sample and detailed in its scope to meet the user demand.

The key objectives of the Census were three-fold:

- i). To identify structural changes if any, in the size of farm household holdings, crop and livestock production, farm inputs and farm implement use. It also seeks to determine if there are any improvement in rural infrastructures and the level of agriculture household living conditions;
- ii). Provision of benchmark data on productivity, production and agricultural practices in relation to policies and interventions promoted by the Agricultural Sector Lead Ministries (ASLMs) and other stakeholders; and;
- iii). Establishment of baseline data for the measurement of the impact of high-level objectives of the Agriculture Sector Development Programme Phase II (ASDP II).

## **1.3 Census Scope and Coverage**

The 2019/20 National Sample Census of Agriculture was conducted for both large scale farms and smallholder farmers. This report covers information of smallholder farmers in details with some summary data from large scale farms in order to provide complete national estimates for some variables such as total livestock population, crop production etc. The data was collected from a sample of 33,808 smallholder farmers, of which 32,008 were from Mainland Tanzania

and 1,800 from Tanzania Zanzibar. Data was also collected from 1,093 large scale farms (1,018 were from Mainland Tanzania and 75 in Tanzania Zanzibar) on a complete enumeration basis. The census covered agriculture in detail as well as many other aspects of rural development and was conducted using three different questionnaires:

- i). Smallholder farmers questionnaire
- ii). Large scale farms questionnaire
- iii). Community level questionnaire

The smallholder farmers questionnaire was the main census instrument and main topics covered were:

- a) Household information
- b) Land access/ownership/tenure
- c) Land use
- d) Conservational farming
- e) Access and use of resources
- f) Annual and permanent crops production
- g) Main use of crop residuals
- h) Agroprocessing
- i) Crop storage
- j) On farm investments
- k) Access and use of credit for agricultural purposes
- l) Crop extension services
- m) Livestock production and products
- n) Outlet for sales of livestock
- o) Livestock structures/accessories
- p) Livestock pest & parasite control
- q) Livestock extension
- r) Livestock extension service providers
- s) Government regulatory challenges
- t) Fish farming
- u) Beekeeping
- v) Labour use
- w) Subsistence vs non-subsistence
- x) Access to infrastructure and other services

- y) Agricultural constraints
- z) Market information
- aa) Poverty indicators at household level

The large-scale farm questionnaire was administered to large farms which were either privately or corporately managed. Some data from the large scale farms' questionnaire are incorporated in this report, however an in-depth analysis of large scale farms is presented in a separate report. The community level questionnaire was designed to collect village level data such as access and use of common resources, community tree plantations and seasonal farm gate prices.

## 1.4 Census Methodology

### 1.4.1 Sample Design

The National Master Sample developed by National Bureau of Statistics (NBS) and Office of the Chief Government Statistician (OCGS) to serve as national framework for conducting household-based survey in the country was used to design the 2019/20 National Sample Census of Agriculture (NSCA). The 2019/20 sample was designed to provide estimates disaggregated at regional and district levels for both Mainland Tanzania and Tanzania Zanzibar.

The 2019/20 NSCA adopted a two-stage design with census enumeration areas as Primary Sampling Units (PSUs) and households as second-stage units. The stage one sampling frame comprises of selection of urban and rural EAs from the 2012 Population and Housing Census frame. The EAs were explicitly sorted by Region and District before employing a Probability Proportionate to Size (PPS). The second stage was the selection of agricultural farming households from the selected EAs for data collection.

### 1.4.2 Sample Size

**Table 1.1: Census Sample Size During 2019/20 Agricultural Year, Tanzania**

Level	Tanzania	Tanzania Mainland	Tanzania Zanzibar
Region	31	26	5
District	196	185	11
EAs	2,820	2,670	150
Household	33,808	32,008	1,800

Mainland Tanzania and 150 from Tanzania Zanzibar. Out of these, 2,560 PSUs were from rural and 260 from urban areas. The number of households differed from one PSU to another, it ranged from 5 to 30 households, making a total number of 33,808 households (32,008 households from Mainland Tanzania and 1,800 from Tanzania Zanzibar). The probability of selecting a household depended on the total number of households in the PSU. The sample was

higher for rural EAs than urban EAs. The technic was designed to give estimates of different parameters with the error margin of 5 percent at 95 percent confidence level.

### **1.5 Census Organization**

The 2019/20 NSCA was administered by National Bureau of Statistics and Office of the Chief Government Statistician, Zanzibar in collaboration with Agriculture Sector Lead Ministries (ASLMs). For smooth implementation of the Census, Steering Committee, Committee of Directors and Technical Committee were formed. The committee members were from the President's Office, Regional Administration and Local Governments; Prime Ministers' Office; Ministry of Agriculture; Ministry of Livestock and Fisheries; Ministry of Industry and Trade; Ministry of Agriculture, Irrigation, Natural resources and Livestock, Zanzibar; the National Bureau of Statistics and Office of the Chief Government Statistician, Zanzibar. The Steering Committee was responsible for making pertinent decision with regards to census implementation, whereas the Committee of Directors provides advice to the Steering Committee. On the other hand, the Technical Committee was responsible for the overall planning and execution of the project. More specifically the team was responsible to:

- i) Develop tabulation plans;
- ii) Develop sample design;
- iii) Questionnaire design and other census instruments;
- iv) Field pre-testing of the census instruments;
- v) Execution training of trainers;
- vi) Information, education and communication campaign; and
- vii) Field supervision and consistency checks.

## CHAPTER TWO

### DEMOGRAPHIC CHARACTERISTICS

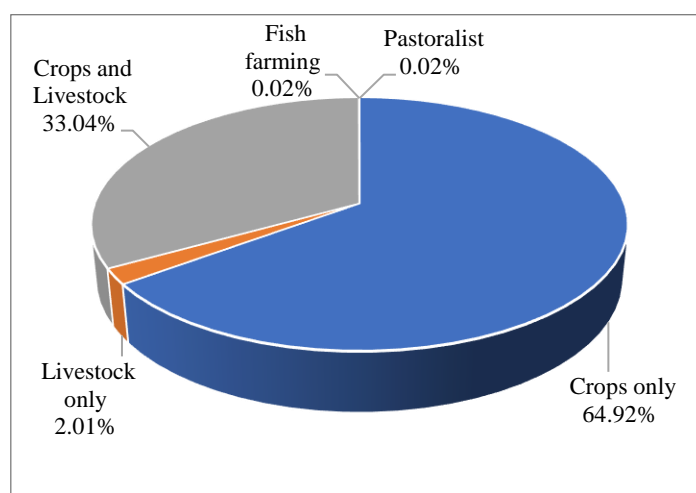
#### 2.0 Agricultural Households

The results presented in this section discuss agricultural activity of the households during the 2019/20 agricultural year. A total of 7,837,405 households were engaged in agricultural activities, out of which 7,657,184 were in Mainland Tanzania and 180,220 in Tanzania Zanzibar. In terms of locality, 6,325,362 households (80.7 percent) were in rural areas and 1,512,043 (19.3 percent) in urban areas. The number of agricultural households has increased from 5,838,523 in 2007/08 to 7,837,405 in 2019/20 NSCA.

#### 2.1 Types of Agricultural Activities of the Households

Crop production was the most common agricultural activity at the national level, accounting for 64.9 percent (5,088,135 households), followed by 2,589,156 households (33.0 percent) engaged in crop and livestock, 157,290 households (2.0 percent) engaged in livestock only, whilst 1,358 and 1,465 households engaged in fish farming and pastoralism, respectively (Figure 2.1).

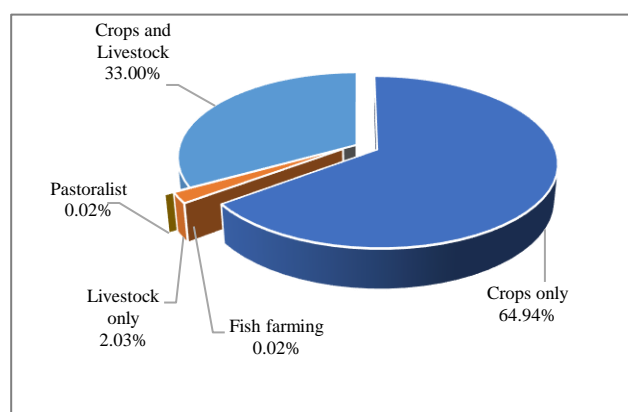
**Figure 2.1: Agricultural Household by Type of Activity During 2019/20 Agricultural Year, Tanzania**



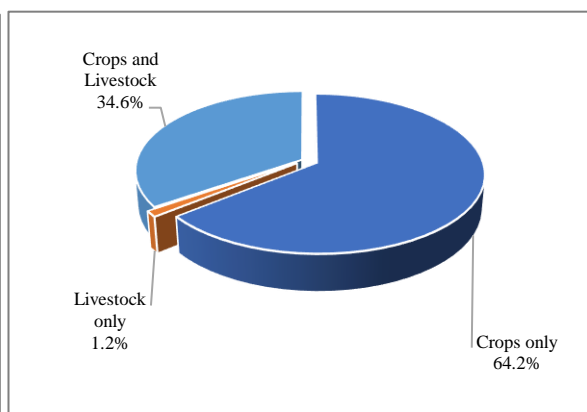
For Mainland Tanzania, a total of 7,657,185 households (65.7 percent) were involved in agricultural activities. Out of the total agriculture households, 4,972,373 (64.9 percent) were involved in crops only, followed by 2,526,846 households (33.0 percent) engaged in crops and livestock, 2.0 percent in livestock only, whilst the least number of households were involved in fish farming and pastoralism jointly having less than one percent (Figures 2.2).

In Tanzania Zanzibar, 180,220 (51.8 percent) were involved in agriculture activities. Out of the total agriculture households, 115,762 (64.2 percent) were involved in crops only, followed by 62,310 households (34.6 percent) engaged in crops and livestock whilst 2,149 (1.2 percent) were involved in livestock only (Figure 2.3).

**Figure 2.2: Agricultural Household by Type of Activity, Mainland Tanzania**



**Figure 2.3: Agricultural Household by Type of Activity, Tanzania Zanzibar**

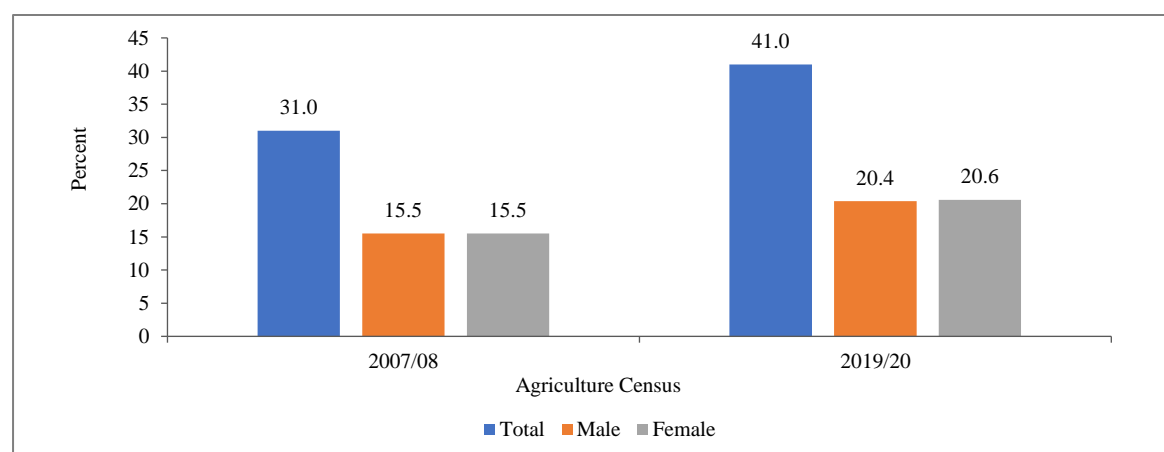


## 2.2 Agricultural Household Characteristics

The 2019/20 National Sample Census of Agriculture covered rural and urban agricultural households. This section describes the general characteristics of the sampled population, including composition by age and sex, residence, household size, literacy and education level of rural and urban agricultural population, livelihood activities, off-farm income, main activity of agricultural household members and types of land tenure.

The population of agricultural household members in Tanzania was 40,992,748 (39,902,860 in Mainland Tanzania and 1,089,888 in Tanzania Zanzibar), of which, 20,417,003 were males (19,874,879 Mainland Tanzania and 542,124 Tanzania Zanzibar) and 20,575,740 were females (20,027,976 in Mainland Tanzania and 547,764 in Tanzania Zanzibar). The population of agricultural household's members has increased from 31 million in 2007/08 to 41 million in 2019/20 agricultural year (Figure 2.4).

**Figure 2.4: Percentage Population of Agricultural Household Members by Sex in 2007/08 and 2019/20 Agricultural Censuses, Tanzania**



The results show that, about 44.0 percent of the agriculture population (18,040,013) was below 15 years of age. The 15-64 years age group which participates most in production accounted for 50.8 percent of the agricultural population (20,831,219) and 5.2 percent of the population (2,121,515) was above 65 years. The age dependency ratio was 96.8 percent which is very high.

**Table 2.1: Number of Agricultural Household Members by Sex and Age Group, 2019/20 Agricultural Year, Tanzania**

Age Group	Sex					
	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
0 - 4	5,586,237	13.6	2,779,623	13.6	2,806,614	13.6
5 - 9	6,238,759	15.2	3,146,906	15.4	3,091,853	15.0
10 - 14	6,215,017	15.2	3,160,177	15.5	3,054,840	14.8
15 - 19	4,505,705	11.0	2,425,091	11.9	2,080,614	10.1
20 - 24	3,034,570	7.4	1,500,480	7.3	1,534,090	7.5
25 - 29	2,319,622	5.7	1,060,342	5.2	1,259,280	6.1
30 - 34	2,104,253	5.1	951,657	4.7	1,152,596	5.6
35 - 39	1,974,045	4.8	902,659	4.4	1,071,386	5.2
40 - 44	1,832,281	4.5	889,014	4.4	943,267	4.6
45 - 49	1,716,975	4.2	856,758	4.2	860,217	4.2
50 - 54	1,343,943	3.3	675,654	3.3	668,289	3.2
55 - 59	1,027,890	2.5	530,268	2.6	497,622	2.4
60 - 64	971,935	2.4	503,957	2.5	467,978	2.3
65 - 69	687,922	1.7	344,246	1.7	343,676	1.7
70 - 74	534,937	1.3	265,685	1.3	269,252	1.3
75 - 79	340,140	0.8	175,843	0.9	164,297	0.8
80 - 84	263,444	0.6	120,137	0.6	143,307	0.7
Above 85	295,072	0.7	128,508	0.6	166,564	0.8
<b>Total</b>	<b>40,992,747</b>	<b>100.0</b>	<b>20,417,005</b>	<b>100.0</b>	<b>20,575,742</b>	<b>100.0</b>

## 2.3 Number and Size of Agricultural Households

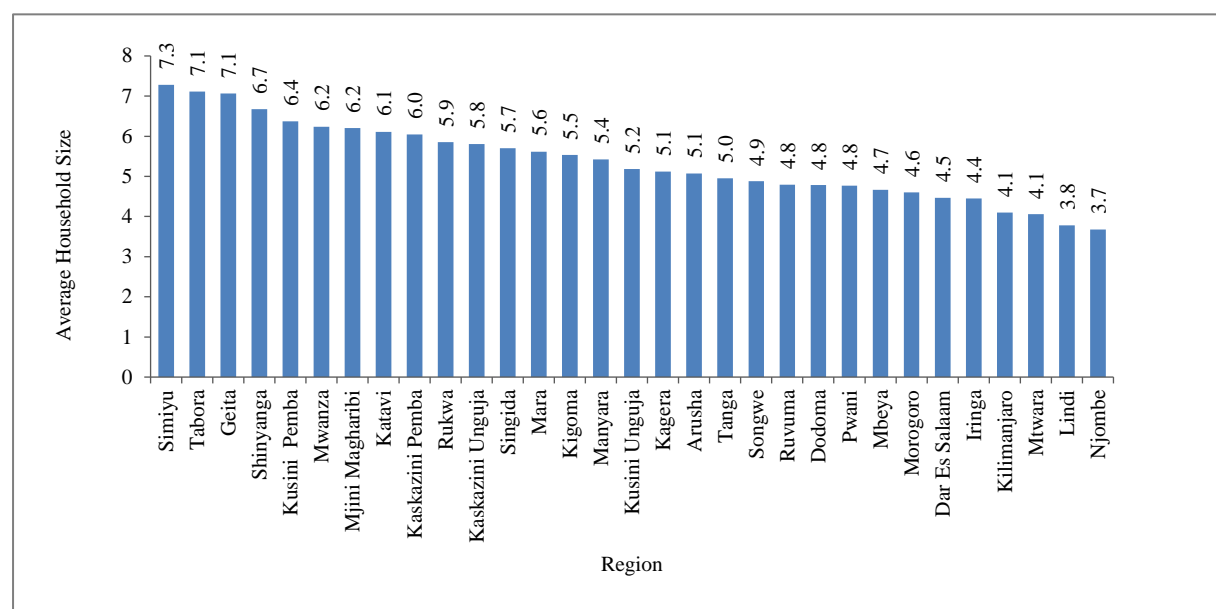
The 2019/20 National Sample Census of Agriculture results reveal that Tanzania has 7,837,405 agricultural households compared to 5,838,523 in 2007/08 Agricultural Census, with 7,657,185 in the Mainland Tanzania and 180,220 in Tanzania Zanzibar. There were 6,028,810 male headed households and 1,808,595 female headed households during 2019/20 agricultural year. Furthermore, female-headed households account for 23.1 percent of all households in Tanzania.

In Tanzania, the average household size for agricultural households was 5.2 persons in 2019/20, down from 5.3 in 2007/08. Simiyu region reported to have the largest average



household size (7.3 persons), followed by Tabora and Geita regions (7.1 persons). The smallest household size was in Njombe region (3.7 persons) (Figure 2.5).

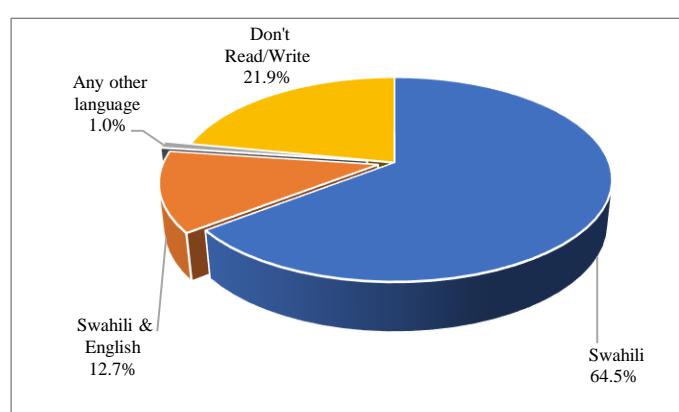
**Figure 2.5: Average Household Size of Agricultural Households During 2019/20 Agricultural Year, Tanzania**



## 2.4 Literacy and Education of Agricultural Population

Literacy in Tanzania is defined as the ability to read and write a simple sentence in Kiswahili only, English only, both English and Swahili or in any other language. Information on literacy and education attainment was obtained from all persons aged five years and above.

**Figure 2.6: Agricultural Household Members by Literacy Rate During 2019/20 Agricultural Year, Tanzania**

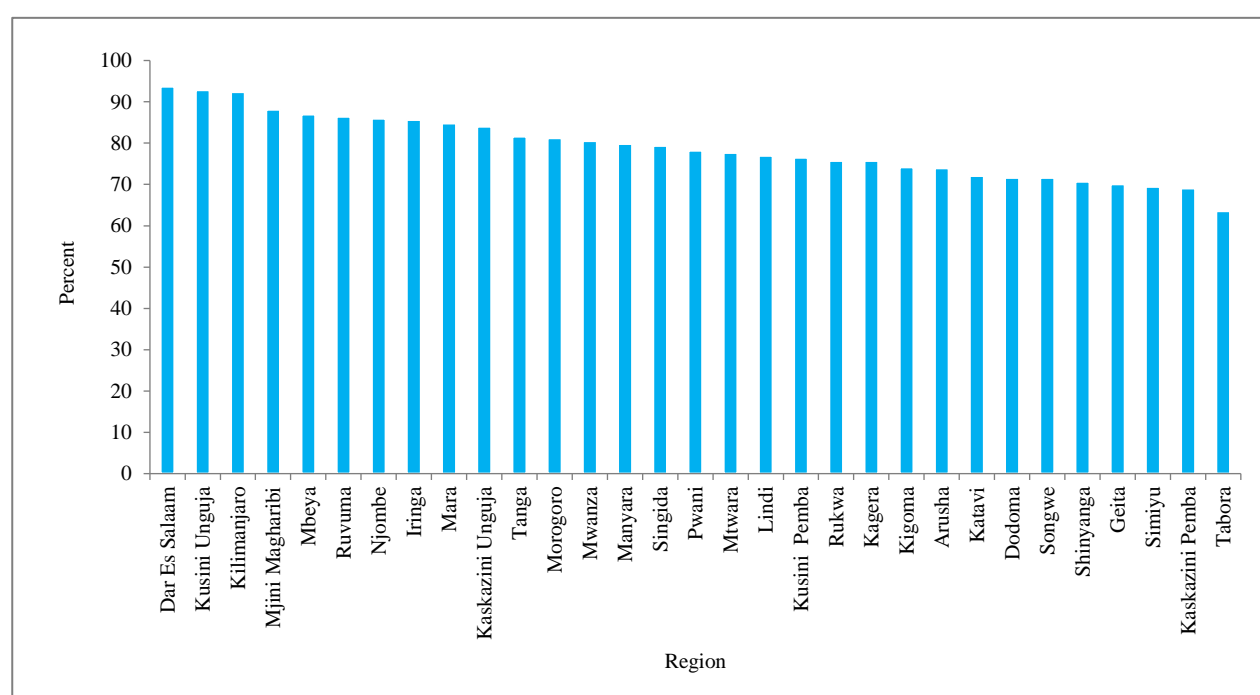


Kiswahili language had the highest literacy rate with 64.5 percent of the agricultural population, followed by both Kiswahili and English languages (12.7 percent) and 1.0 percent for any other language. However, 21.9 percent of the population reported they couldn't read/write in any language. Literacy rate in Kiswahili language has slightly declined by 1.4 percent, from 65.9 percent in 2007/08 to 64.5 percent in 2019/20. However, the number of

people who can read and write both Kiswahili and English languages have scaled up from 7.3 percent in 2007/08 to 12.7 percent in 2019/20 (Figure 2.6).

The number of people who can not read or write has decreased from 26.7 percent in 2007/08 to 21.9 percent in 2019/20, this indicates that literacy has improved. Tanzania's agricultural population has a literacy rate of 78.1 percent in 2019/20, compared to 73.3 percent in 2007/08. Regional disparities do exist, in Mainland Tanzania, Dar es Salaam region had the highest literacy rate of 93.7 percent, followed by Kilimanjaro (92.4 percent), while the region with the lowest literacy rates was Tabora (63.5 percent). In Tanzania Zanzibar, Kusini Unguja region had the highest literacy rate (92.8 percent), whilst the lowest was Kaskazini Pemba (69.0 percent) (Figure 2.7).

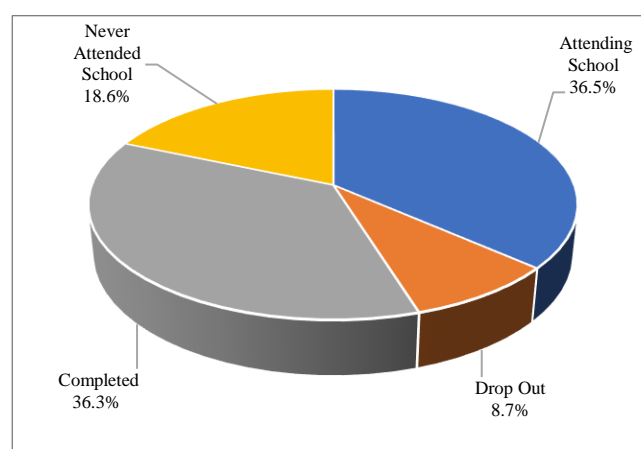
**Figure 2.7: Percentage of Literacy Level of Household Members by Region During 2019/20 Agricultural Year, Tanzania**



## 2.5 Education Status

The percentage of agricultural population aged 5 years and above who have completed a specific level of education has decreased from 40.9 percent in 2007/08 to 36.3 percent in 2019/20, while those still in school has climbed up to 36.5 percent from 35.4 percent in 2007/08. The percentage of agricultural household members who have never attended school has decreased from 23.7 percent in 2007/08 to 18.6 percent in 2019/20, this

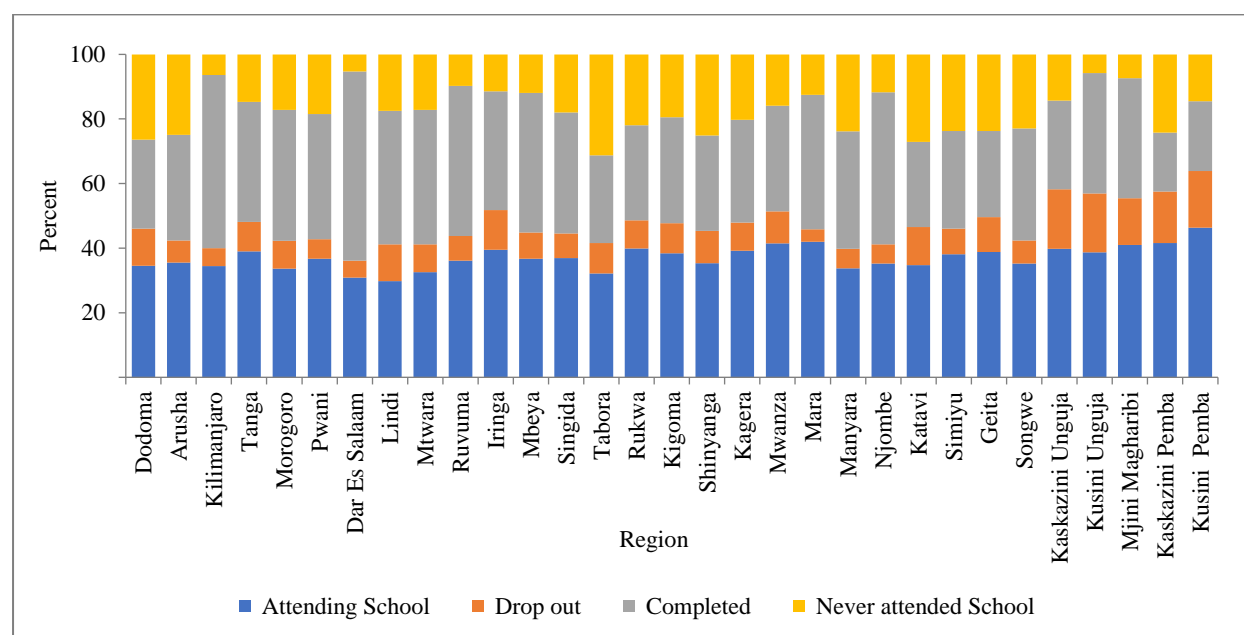
**Figure 2.8: Percentage of Agricultural Household Members 5 Years and Above by Education Status During 2019/20 Agricultural Year, Tanzania**



indicates that education has improved between the two censuses. The findings also suggest that 8.7 percent of the members of the agricultural households did not complete a specific level of education, which could be linked to their involvement in agricultural activities (Figure 2.8).

In Mainland Tanzania, the agricultural population in Dar es Salaam region had the highest percentage of people aged 5 years and above who had completed a particular level of education (58.6 percent) and 30.9 percent were attending school, making up 89.5 percent of the literacy agricultural population in this region. Kilimanjaro region was the second in term of number of household members who attended school (ranked the second in terms of the percentage of the agricultural household members with a high level of education (88.1 percent). Mara region had the largest number of people who never went to school (42.0 percent). In Tanzania Zanzibar, 68.8 percent of the overall agricultural population had completed some certain level of education, 42.4 percent was attending school, and 14.5 percent has never attended school. Kusini Pemba region had the largest percentage of agricultural population who had never attended school (46.3 percent), followed by Kaskazini Pemba (41.6 percent) (Figure 2.9).

**Figure 2.9: Percentage of Household Members by Education Status and Region During 2019/20 Agricultural Year, Tanzania**



## 2.6 Main Activity

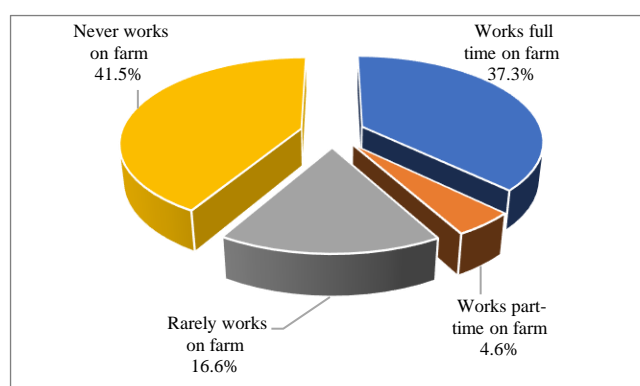
The main activity is the activity that occupies the majority of people's time in the farming community. About 55 percent of the agricultural population were students who spent most of their time at school, followed by crop farming (33.1 percent) and self-employed without an employee (2.8 percent). Beekeeping was the least popular activity, with only 0.003 percent of agricultural population engaging in it (Table 2.2).

**Table 2.2: Number and Percentage of Agricultural Population by Main Activity During 2019/20 Agricultural Year, Tanzania**

Main Activity	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Student	19,182,665	54.2	18,641,632	54.1	541,033	57.3
Crop farming	11,710,813	33.1	11,557,156	33.5	153,657	16.3
Self employed without employees	1,008,014	2.8	945,172	2.7	62,842	6.7
Unable to work/too old/retired/sick/disabled	882,962	2.5	866,026	2.5	16,936	1.8
Housemaker/housewife	673,049	1.9	599,236	1.7	73,813	7.8
Self employed with employees	531,282	1.5	521,698	1.5	9,584	1.0
Livestock keeping/herding	414,635	1.2	409,325	1.2	5,310	0.6
Private/NGO/mission/etc	233,824	0.7	218,454	0.6	15,370	1.6
Government/parastatal	232,211	0.7	211,779	0.6	20,432	2.2
Not working and available	180,624	0.5	167,196	0.5	13,428	1.4
Other	159,591	0.5	156,610	0.5	2,981	0.3
Fishing	117,683	0.3	93,255	0.3	24,428	2.6
Unpaid family helper (non-agriculture)	45,492	0.1	44,009	0.1	1,483	0.2
Not working and unavailable	18,230	0.1	17,174	0.0	1,056	0.1
Agro processing	4,539	0.013	4,539	0.013	-	-
Fish farming	4,149	0.012	4,149	0.012	-	-
Livestock/pastoralism	3,507	0.010	3,507	0.010	-	-
Seaweed farming	2,116	0.006	-	-	2,116	0.224
Beekeeping	1,131	0.003	1,131	0.003	-	-
<b>Total</b>	<b>35,406,517</b>	<b>100.0</b>	<b>34,462,048</b>	<b>100.0</b>	<b>944,469</b>	<b>100.0</b>

The agricultural households' members aged 5 years and above involved in farming, on which one might expect them to rely, portrays a different image. Only 37.3 percent of the household's members work full-time on a farm. Other options include never work on a farm (41.5 percent), rarely working on a farm (16.6 percent), and working part-time on a farm (4.6 percent) (Figure 2.10).

**Figure 2.10: Percentage of Household Members Aged 5 Years and Above by the Level of Involvement in Farming Activities During 2019/20 Agricultural Year, Tanzania**



Over the last two decades, the number of household members who work full time on farm has decreased, from 68 percent in 2002/03 to 48 percent in 2007/08 and 37 percent in 2019/20. The emergence of other sectors such as mining, industrial, and telecommunications, among others, may have contributed to this decline. The percentage of household members who never work on a farm has increased from 29 percent in 2007/08 to 41.5 percent in 2019/20, indicating that the agricultural population is shifting away from agriculture and toward other pursuits.

## 2.7 Land Use

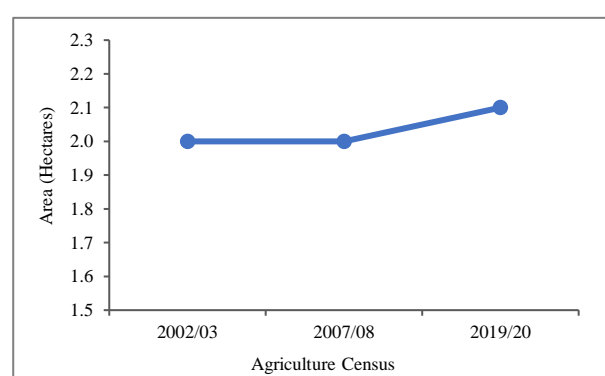
The human use of land is called land use. It entails the management and transformation of natural areas, such as fields, pastures, and villages, into constructed environments. It's also been defined as "the arrangements, activities, and inputs people use to produce, change, or sustain a particular land cover type" (FAO/UNEP, 1999). In this census, this variable shows how much of the land available to households is used for agricultural purposes.

### 2.7.1 Area of Land Utilized

The total usable land available to smallholder farmers was 20,774,267 ha (20,588,027 ha in Mainland Tanzania and 186,240 ha in Tanzania Zanzibar) equivalent to 2.7 ha of available land per household. The total area of land utilized was 16,717,287 ha which is 80.5 percent of the total usable land available. This is equivalent

to 2.1 hectares of utilized land per household. This implies that 0.6 hectares of usable land per household was not cultivated during the 2019/20 agricultural year. The total area used for agriculture has increased notably during the last ten years (Figure 2.11).

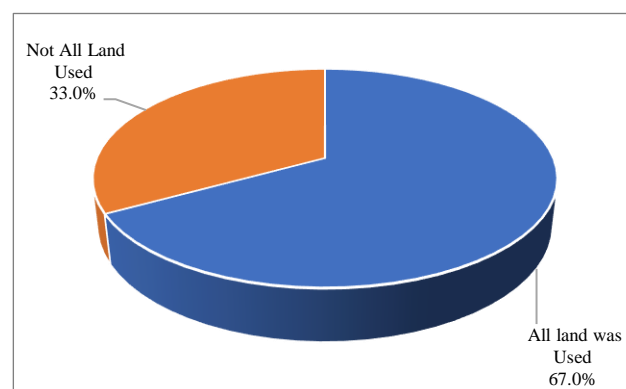
**Figure 2.11: Trend of Utilised Land per Household in 2002/03, 2007/08 and 2019/20 Agriculture Censuses**



### 2.7.2 Land Use Sufficiency

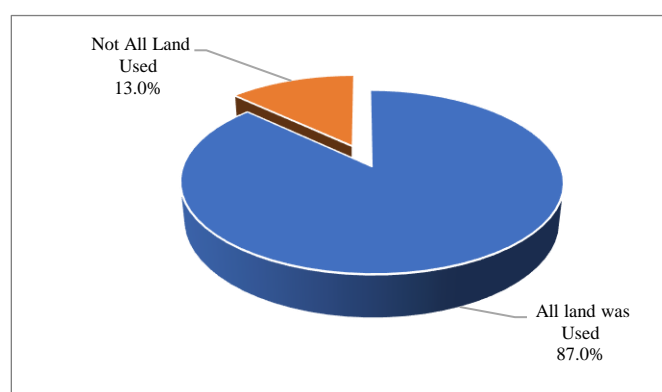
The results from Mainland Tanzania show that, 67.0 percent of agricultural households utilized all of their available land during the 2019/20 agricultural year, while the remaining 33.0 percent was not utilized. Mwanza, Mara, Singida, Manyara, Kilimanjaro, Mtwara and Singida regions reported using over 70 percent of the available land. On the other hand, Njombe, Tabora, Iringa and Pwani regions utilized less than 60 percent of the available land (Figure 2.12).

**Figure 2.12: Percentage of Agriculture Households by Whether All Land Available to the Household was Used During 2019/20 Agricultural Year, Mainland Tanzania**



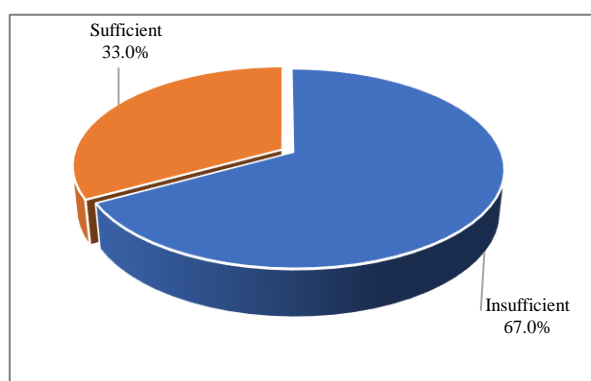
In Tanzania Zanzibar, 87.0 percent of the households reported to use all of their available land, while the remaining 13.0 percent did not. Kaskazini Unguja and Kaskazini Pemba regions reported using over 90 percent of the available land. On the other hand, Kusini Unguja, Mjini Magharibi and Kusini Pemba regions utilized with average of 85.7 percent of the available land (Figure 2.13).

**Figure 2.13: Percentage of Agricultural Households Responding to Sufficiency of Land During 2019/20 Agricultural Year, Tanzania Zanzibar**

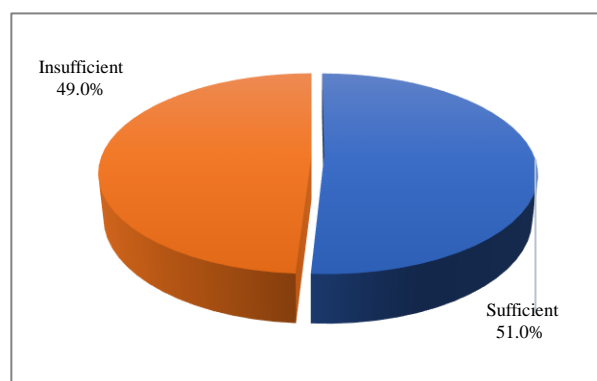


The findings also revealed that in Mainland Tanzania 33.0 percent of households reported to have sufficient land for agricultural activities, while the remaining 67.0 percent reported the land to be insufficient. Whereas in Tanzania Zanzibar, the majority of agricultural households (51.0 percent) reported to have sufficient land (Figure 2.14 & 2.15).

**Figure 2.14: Percentage of Households with Sufficient Land for Agricultural Activities During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 2.15: Percentage of Households with Sufficient Land for Agricultural Activities During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 2.7.3 Land Use Patterns

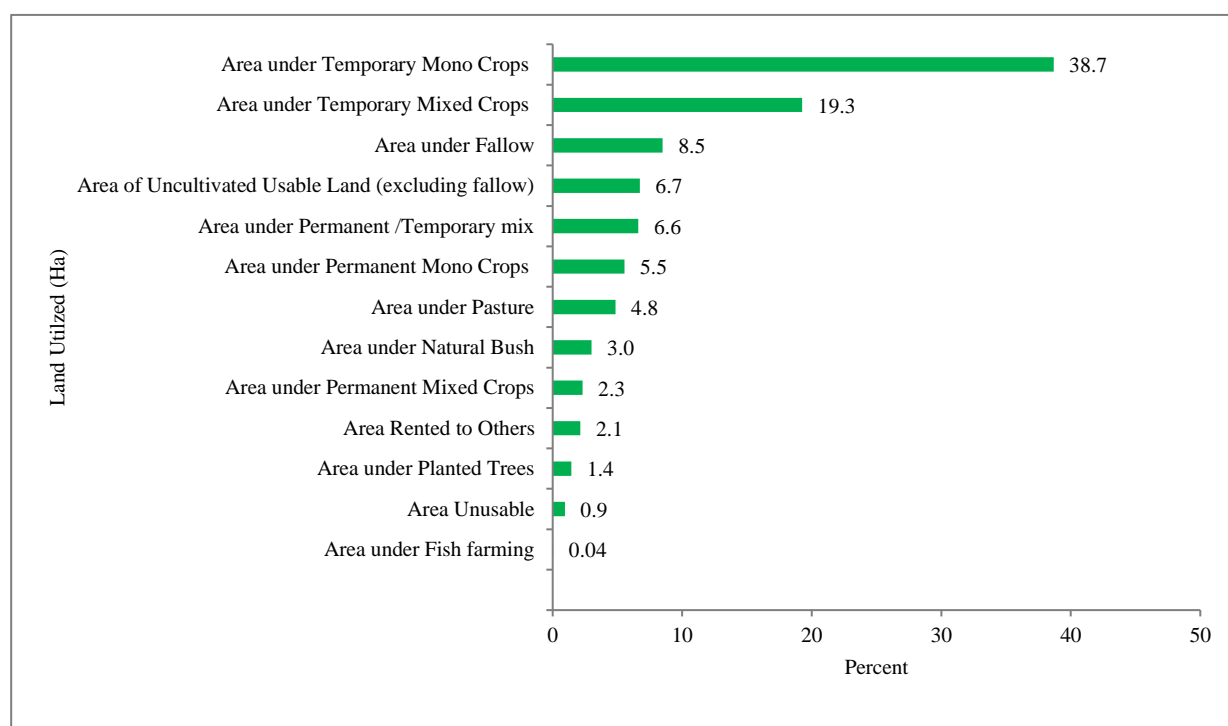
The area with annual crops only (including fallow) accounts for 66.4 percent (12,025,818 ha) of the total land area with crops, whereas the area with permanent crops only (including planted trees) accounts for 16 percent (2,878,035 ha) of the total land area with crops.

The area of land under temporary/annual crops was the most common type of agriculture land use in Tanzania, constituting 7,001,607 hectares (38.7 percent) of the land available to smallholder farmers. This was followed by area under temporary mixed crops 3,486,683 ha (19.3 percent) whilst the area under fish farming was the least common type of land use (0.04 percent) and only 1.4 percent of usable land available to smallholders was not used (Figure 2.16). On the other hand, area under permanent crops is in three categories; area under permanent/temporary mixed crops (1,198,335 ha; 6.6 percent), area under permanent mono crops (1,001,752 ha; 5.5 percent) and area under permanent mixed crops (417,773 ha; 2.3 percent) (Figure 2.16).

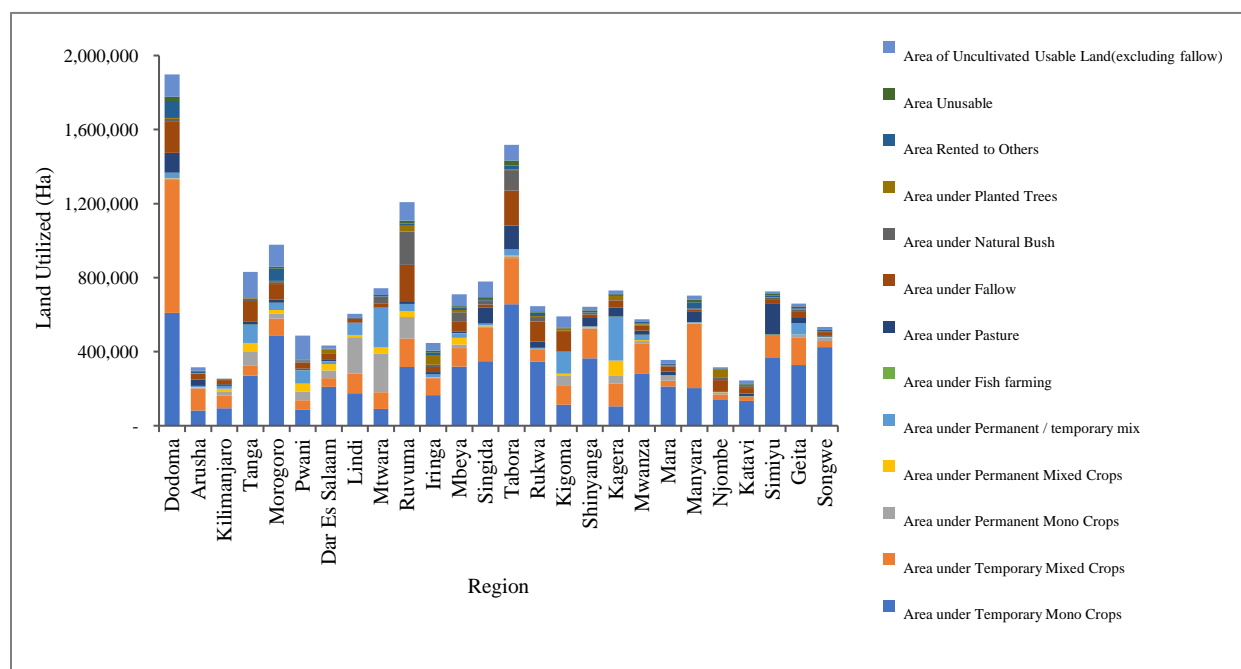
In Mainland Tanzania, Dodoma region had the largest area of land which was utilized for agricultural activities (1,898,275 ha; 10.0 percent), followed by Tabora (1,517,591 ha; 8.5 percent) and Ruvuma (1,208,782 ha; 6.7 percent). The regions with the least utilized land for production of annual crops were Kilimanjaro and Katavi which both have 163,548 ha (1.4 percent) (Figure 2.17).



**Figure 2.16: Land Area by Type of Land Use During 2019/20 Agricultural Year, Tanzania**

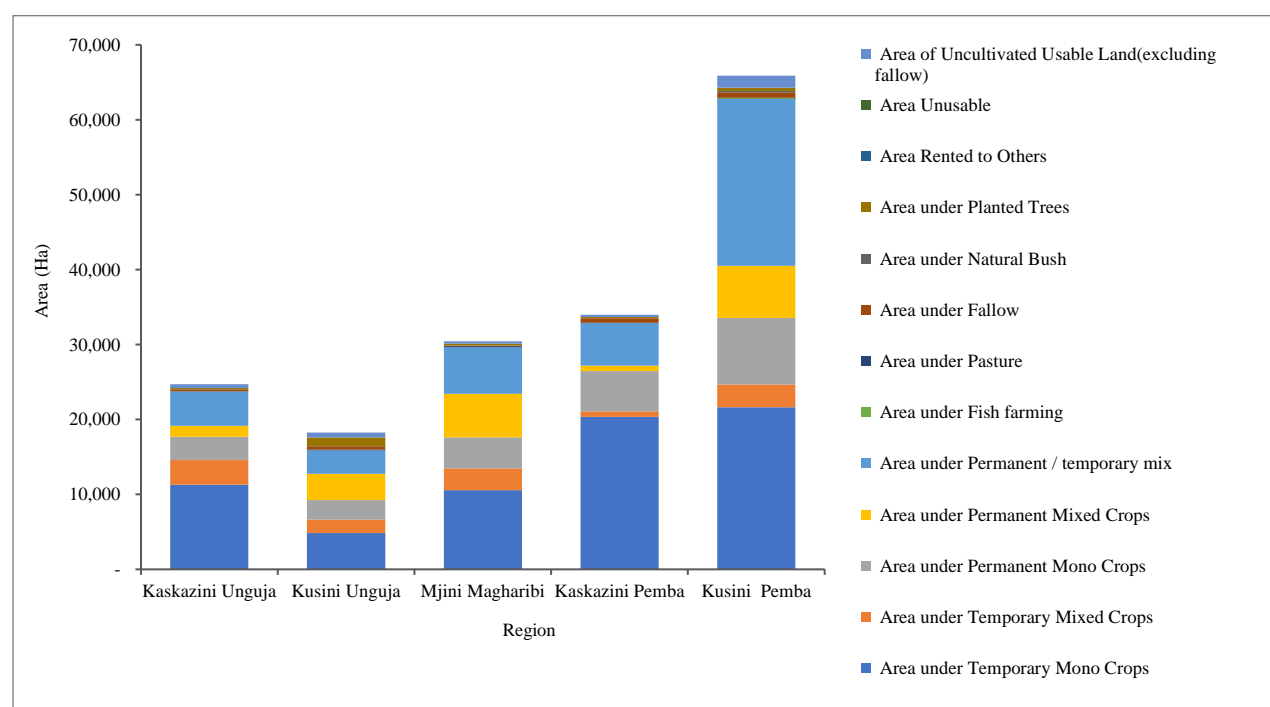


**Figure 2.17: Distribution of Land Utilization by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, Kusini Pemba region had the largest area of land which was utilized used for agricultural activities (65,903 ha; 38.0 percent), followed by Kaskazini Pemba (33,963 ha; 19.6 percent). The regions with the least utilized land for production of annual crops were Kusini Unguja (18,275 ha; 10.5 percent). But this does not necessarily mean that, regions with the highest or least area, are the most or least crop producing regions in the country (Figure 2.18).

**Figure 2.18: Distribution of Land Utilization by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



## CHAPTER THREE

### CROPS RESULTS

#### 3.0 Introduction

This chapter presents in-depth census results on households engaged in various crop productions both annual crops (during short and long rainy seasons) and permanent or perennial crops. The crop sub-sector plays an important role in the economy of Tanzania. During 2020 the sub-sector recorded a growth of 5.0 percent and accounted for 15.4 percent share to the National GDP (Economic Survey 2020). The crop production covers types of crops produced, area planted and harvested, quantity harvested and yield. Apart from crop production the chapter also provides the results on agro-processing, irrigation, inputs use, crop marketing, access to farm inputs, crop extension services and agricultural mechanization.

#### 3.1 Crop Production

Annual crop production is practiced either in one or two seasons per year, depending on the rainfall pattern. Areas with a unimodal rain pattern receive only the main rainy season (Masika), while areas with a bimodal rain pattern receive rains in two seasons, one being the short rainy season (Vuli) and the other being the long or main rainy season (Masika). Findings on annual crop production are presented by considering different crop groups namely cereals, roots and tubers, pulses, oil seeds and nuts, fruits and vegetables in both Mainland Tanzania and Tanzania Zanzibar.

**Note:** *The highest production of various crops observed in Dar es Salaam region and other regions resulted from the fact that, many agricultural households based in those regions were reported to practice their agricultural activities in other regions.*

##### 3.1.1 Cereals Crop Production

Cereal crops are annual crops grown to produce grains which are mainly used as food and animal feeds. The major cereal crops produced in Tanzania are maize, paddy, sorghum, finger millet, bulrush millet, wheat and barley.

The 2019/20 NSCA results show that, a total of 7,448,402 ha were planted with cereal crops in Tanzania during 2019/20 agricultural year out of which 7,406,207 ha (99.4 percent) occupied

by smallholder farmers and 42,195 ha (0.6 percent) occupied by large scale farms. Out of the total planted area by smallholder farmers, 7,369,459 ha were in Mainland Tanzania and 36,748 ha in Tanzania Zanzibar. Maize occupied the largest planted area of 4,931,111 ha (66.6 percent), followed by paddy (1,688,241 ha; 22.8 percent) and sorghum (512,888 ha; 6.9 percent) while other cereal crops (bulrush millet, finger millet, wheat and barley) jointly occupied the smallest planted area of 273,967 ha (3.7 percent) (Table 3.1).

Likewise, the total harvested area with cereal crops by smallholder farmers in Tanzania was 6,518,577 ha of which 6,491,761 ha were reported in Mainland Tanzania and 26,817 ha in Tanzania Zanzibar. The total harvested area with cereal crops was 88.0 percent of the total area planted with cereal crops by smallholder farmers during 2019/20 agricultural year (Table 3.1).

The total production of cereal crops reported in Tanzania was 10,914,685 tons of which 10,761,562 tons (98.6 percent) were produced by smallholder farmers and 153,123 tons (1.4 percent) by large scale farms. From the total quantity produced by smallholder farmers, 10,706,960 tons were in Mainland Tanzania and 54,602 tons in Tanzania Zanzibar. Maize recorded the highest production (6,504,727 tons; 60.4 percent) compared to other cereal crops during 2019/20 agricultural year (Table 3.1).

**Table 3.1: Total Planted Area, Harvested Area, Quantity Harvested and Yield of the Cereal Crops Produced by Smallholder Farmers During 2019/20 Agricultural Year, Tanzania**

Crop	Tanzania				Mainland Tanzania				Tanzania Zanzibar			
	Planted Area (ha)	Harvested Area (ha)	Quantity harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity harvested (tons)	Yield (tons/ha)
Maize	4,931,111	4,345,266	6,504,727	1.5	4,927,748	4,343,159	6,500,776	1.5	3,363	2,106	3,951	1.9
Paddy	1,688,241	1,485,125	3,380,715	2.3	1,655,087	1,460,571	3,330,293	2.3	33,155	24,554	50,421	2.1
Sorghum	512,888	447,567	601,470	1.3	512,767	447,474	601,390	1.3	121	92	80	0.9
Bulrush Millet	150,532	134,314	148,162	1.1	150,423	134,250	148,011	1.1	110	64	150	2.4
Finger Millet	31,468	27,767	32,950	1.2	31,468	27,767	32,950	1.2	-	-	-	-
Wheat	91,659	78,274	93,184	1.2	91,659	78,274	93,184	1.2	-	-	-	-
Barley	308	265	355	1.3	308	265	355	1.3	-	-	-	-
<b>Cereals</b>	<b>7,406,207</b>	<b>6,518,577</b>	<b>10,761,562</b>		<b>7,369,459</b>	<b>6,491,761</b>	<b>10,706,960</b>		<b>36,748</b>	<b>26,817</b>	<b>54,602</b>	

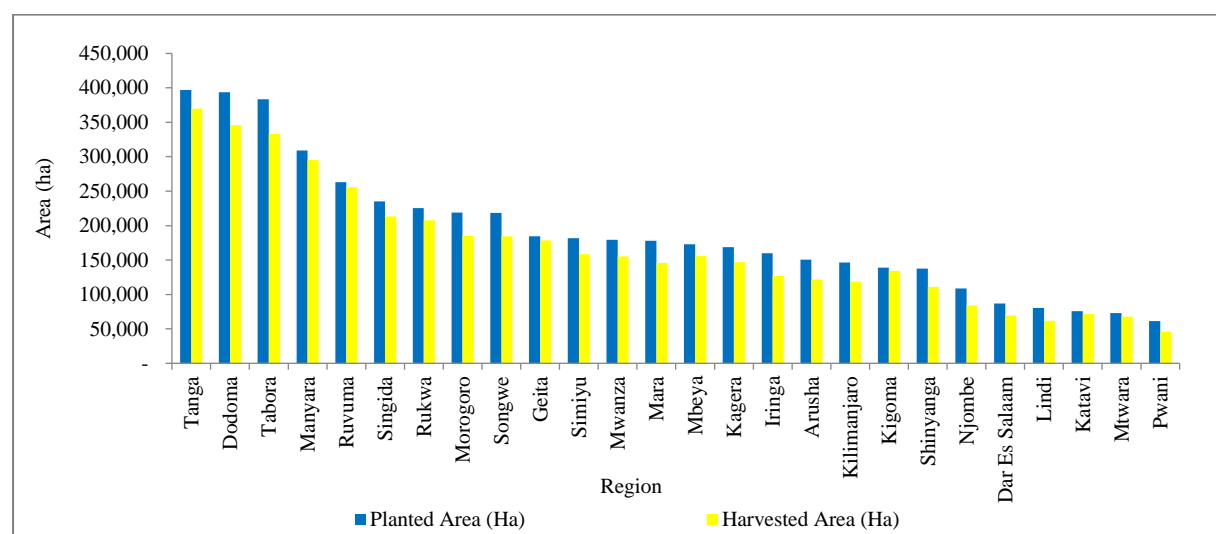
### 3.1.1.1 Maize

Across Tanzania, maize was the most widely planted cereal crop by smallholder farmers. The 2019/20 NSCA results show that, the number of agricultural households engaged in growing maize during short rainy season were 2,612,913 households (2,604,063 in Mainland Tanzania and 8,850 households in Tanzania Zanzibar) and 4,779,199 households during long rainy season (4,772,012 households in Mainland Tanzania and 7,187 households in Tanzania Zanzibar).

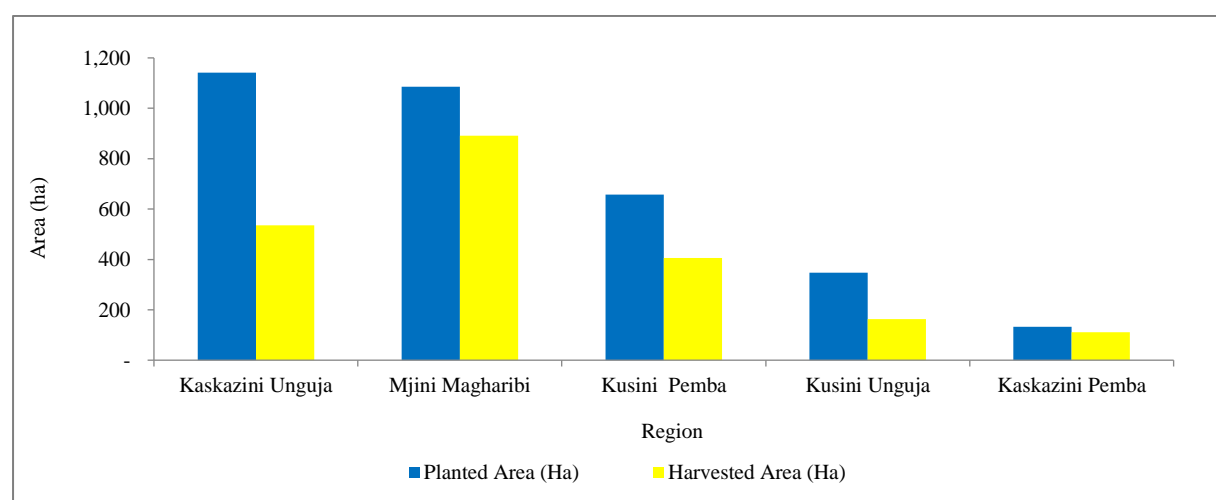
The total planted area with maize in Tanzania during the 2019/20 agricultural year was 4,946,799 ha of which 4,931,111 ha were occupied by smallholder farmers and 15,688 ha by large scale farms. Out of the total planted area occupied by smallholder farmers, 4,927,748 ha were in Mainland Tanzania and 3,363 ha were in Tanzania Zanzibar. In Mainland Tanzania, Tanga region had the largest planted area with maize (397,028 ha; 8.1 percent), followed by Dodoma (393,822 ha; 8.0 percent) and Tabora (383,633 ha; 7.8 percent), while Pwani region had the smallest planted area (61,535 ha; 1.2 percent). For the case of Tanzania Zanzibar, Kaskazini Unguja (1,141 ha; 33.9 percent) had the largest area planted with maize, followed by Mjini Magharibi (1,085 ha; 32.3 percent), while Kaskazini Pemba had the least planted area (132 ha; 3.9 percent) (Figure 3.1).

Moreover, the total harvested area of maize in Tanzania occupied by smallholder farmers was 4,345,266 ha, of which 4,343,159 ha were in Mainland Tanzania and 2,106 ha in Tanzania Zanzibar. This implies that, the total harvested area was about 88.1 percent of the total planted area with maize by smallholder farmers.

**Figure 3.1: Planted and Harvested Area with Maize by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**

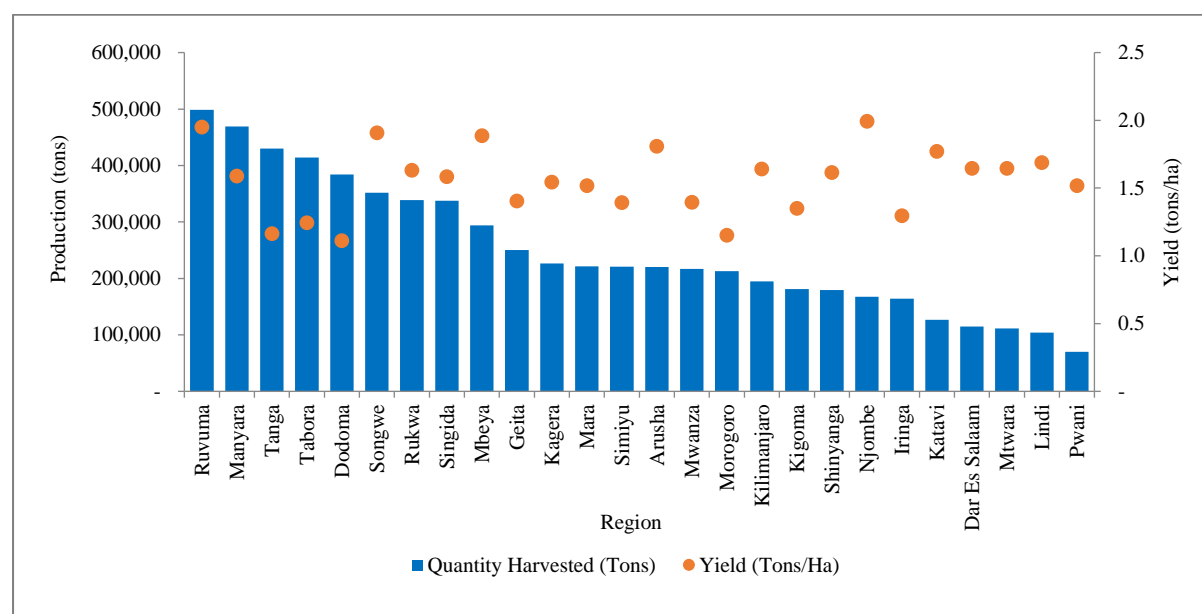


**Figure 3.2: Planted and Harvested Area with Maize by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



The total production of maize in Tanzania was 6,536,322 tons, of which 6,504,727 tons (99.5 percent) were from smallholder farmers and 31,597 tons (0.5 percent) from large scale farms. Out of the total quantity produced by smallholder farmers, 6,500,776 tons were in Mainland Tanzania and 3,951 tons were in Tanzania Zanzibar. In Mainland Tanzania, Ruvuma region had the highest maize production (498,685 tons; 7.7 percent), followed by Manyara (469,038 tons; 7.2 percent) and Tanga (429,788 tons; 6.6 percent). On the other hand, the lowest maize production was reported in Pwani region (69,914 tons; 1.1 percent), followed by Lindi (104,268 tons; 1.6 percent) and Mtwara (111,287 tons; 1.7 percent) (Figure 3.3).

**Figure 3.3: Production and Yield of Maize During 2019/20 Agricultural Year, Mainland Tanzania**



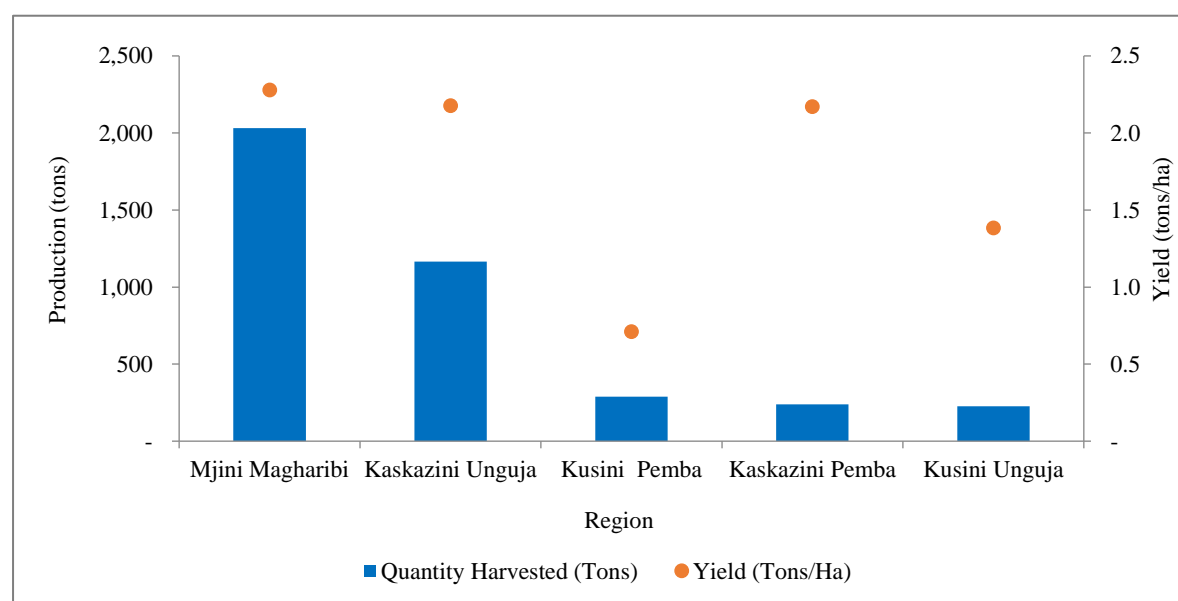
In Tanzania Zanzibar, Mjini Magharibi region had the highest production of maize (2,031 tons; 51.4 percent), followed by Kaskazini Unguja (1,166 tons; 29.5 percent) and Kusini Pemba (289 tons; 7.3 percent) while Kusini Unguja reported the lowest maize production (226 tons; 5.7 percent) (Figure 3.4).

Moreover, the results also reveal that, the average productivity of maize reported at national level was 1.5 tons/ha whereby 1.5 tons/ha was reported in Mainland Tanzania and 1.9 tons/ha in Tanzania Zanzibar. In Mainland Tanzania, the highest productivity of 2.0 tons/ha were reported in Ruvuma and Njombe regions each, followed by Mbeya and Songwe each with a yield of 1.9 tons/ha. On the other hand, the lowest productivity of 1.1 tons/ha were observed in Dodoma region (Figure 3.3 & Map 3.1).

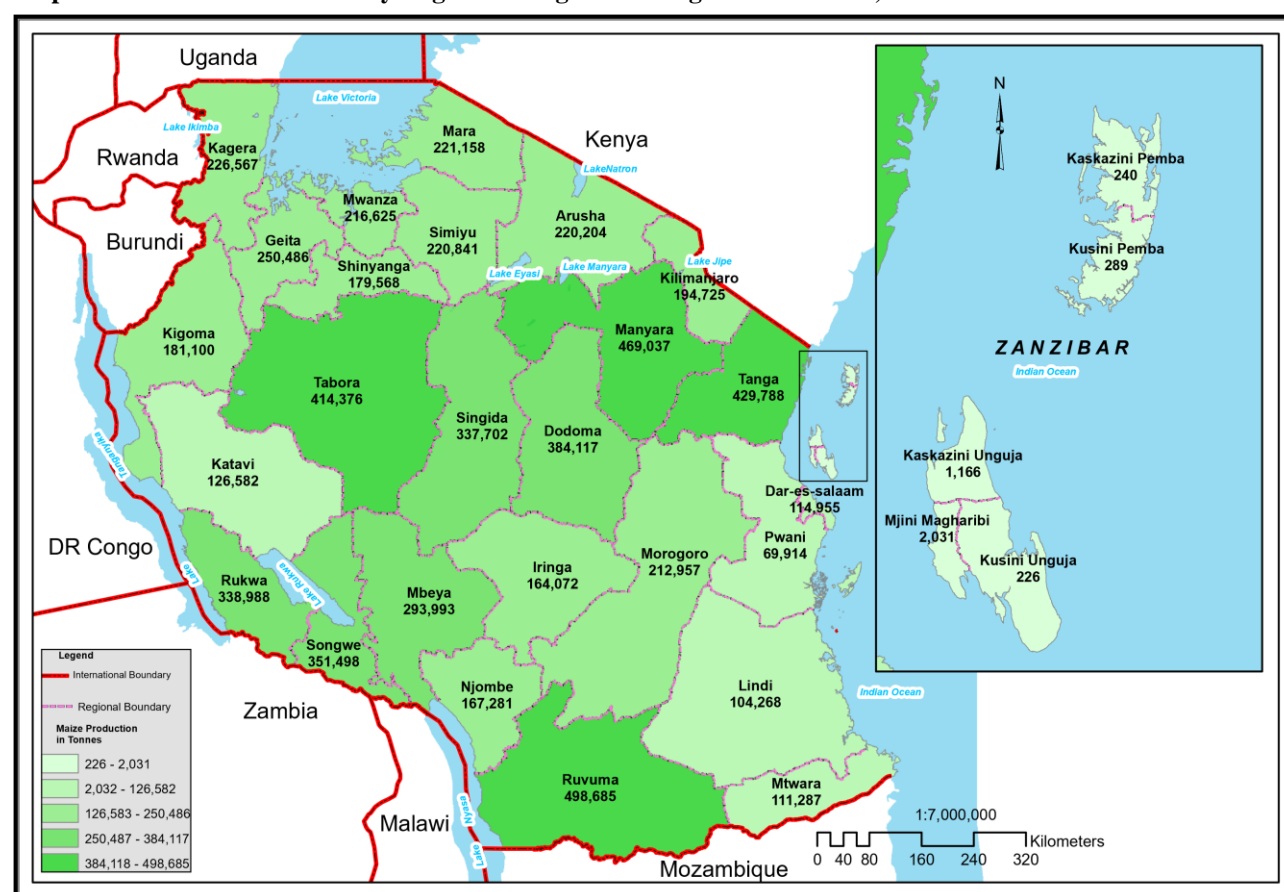
In Tanzania Zanzibar, Mjini Magharibi region reported the highest yield of 2.3 tons/ha, followed by Kaskazini Unguja and Kaskazini Pemba each with a yield of 2.0 tons/ha, while the lowest yield of 0.7 tons/ha was reported in Kusini Pemba region (Figure 3.4 & Map 3.1).



**Figure 3.4: Production and Yield of Maize During 2019/20 Agricultural Year, Tanzania Zanzibar**

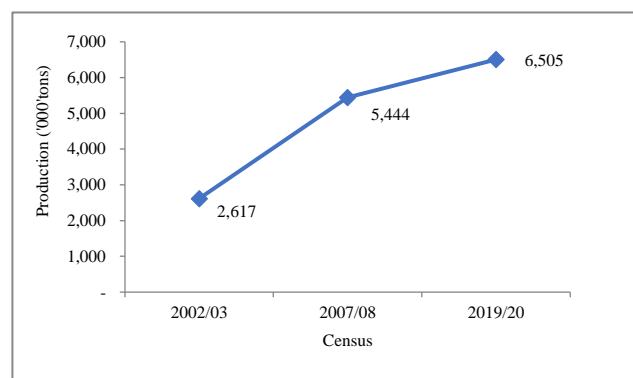


**Map 3.1: Production of Maize by Region During 2019/20 Agricultural Year, Tanzania**



Comparatively, the trend shows that, the production of maize has increased from 5,444,178 tons in 2007/08 to 6,504,725 tons in 2019/20 agricultural year by 19.5 percent (Figure 3.5).

**Figure 3.5: Trend of Maize Production by Smallholder Farmers by Three Consecutive Censuses in Tanzania**



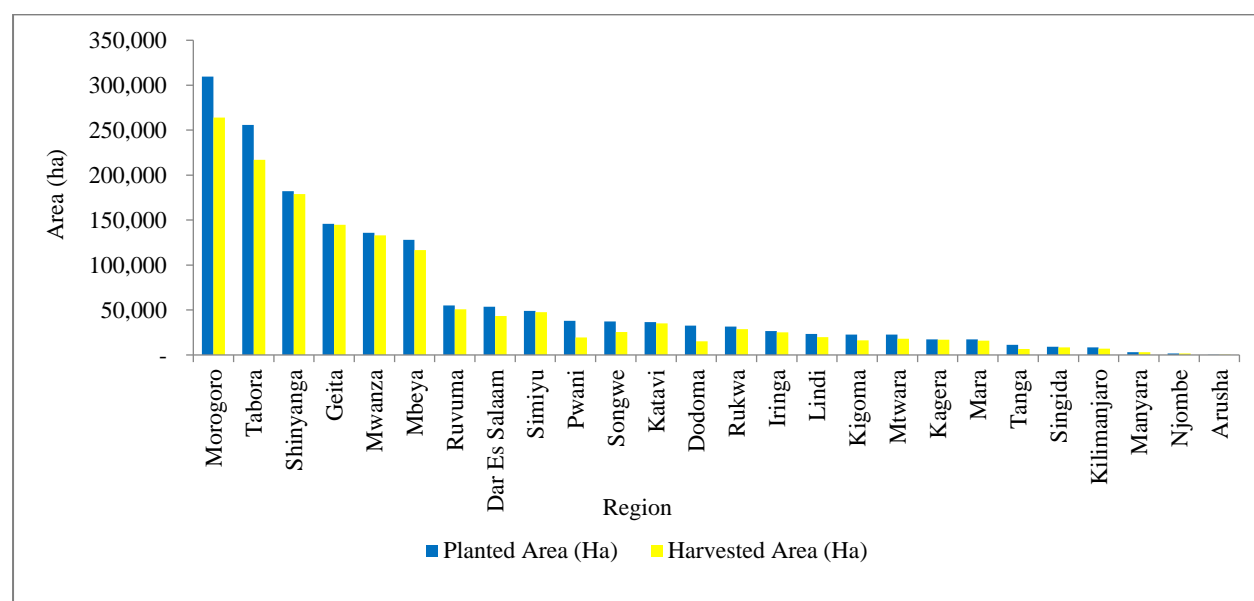
### 3.1.1.2 Paddy

The 2019/20 NSCA results show that, a total of 609,331 households were engaged in growing paddy in Tanzania during short rainy season (579,682 households were in Mainland Tanzania and 29,649 households in Tanzania Zanzibar). During long rainy season, 1,348,037 households were engaged in paddy production, of which 1,270,429 households were in Mainland Tanzania and 77,608 households in Tanzania Zanzibar.

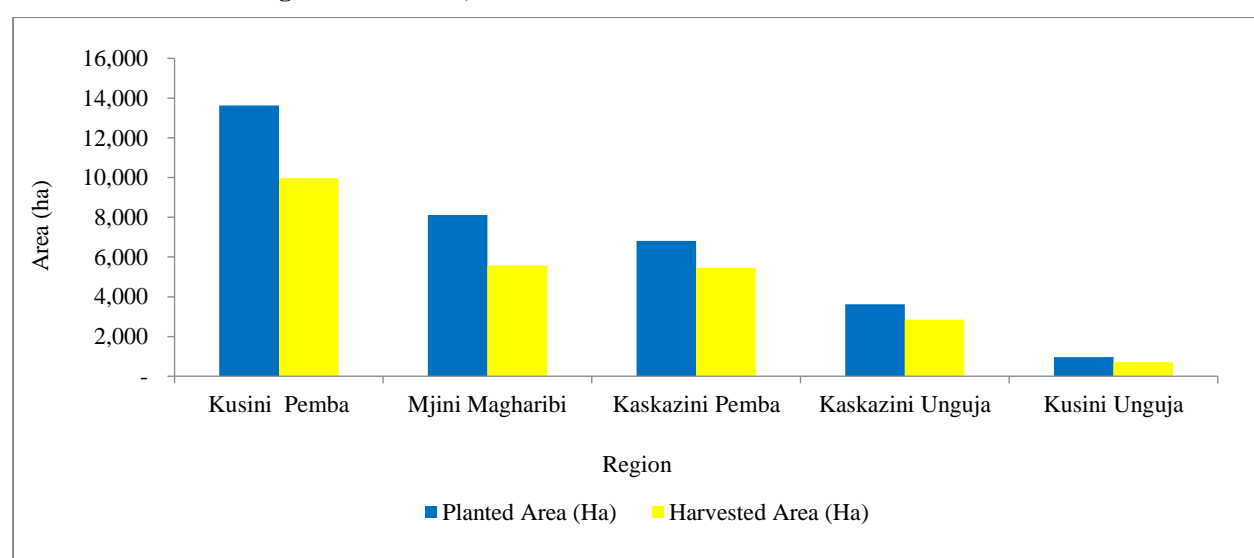
A total area of 1,700,701 ha was planted with paddy in Tanzania, out of which 1,688,241 ha were occupied by smallholder farmers and 12,460 ha occupied by large scale farms. Out of the total planted area occupied by smallholder farmers, 1,655,087 ha were in Mainland Tanzania and 33,155 ha were in Tanzania Zanzibar. In Mainland Tanzania, Morogoro region had the largest planted area of 309,624 ha (18.7 percent), followed by Tabora (255,910 ha; 15.5 percent) and Shinyanga (182,173 ha; 11.0 percent). In Tanzania Zanzibar, the largest planted area with paddy (13,620 ha; 41.1 percent) was observed in Kusini Pemba region, followed by Mjini Magharibi (8,124 ha; 24.5 percent) and Kaskazini Pemba (6,818 ha; 20.6 percent) (Figure 3.6 & 3.7).

The census results also show that, the total harvested area with paddy in Tanzania by smallholder farmers was 1,485,125 ha, out of which 1,460,571 ha were in Mainland Tanzania and 24,554 ha in Tanzania Zanzibar. This implies that 88.0 percent of the total planted area was harvested with paddy by smallholder farmers.

**Figure 3.6: Planted and Harvested Area with Paddy by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.7: Planted and Harvested Area with Paddy by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**

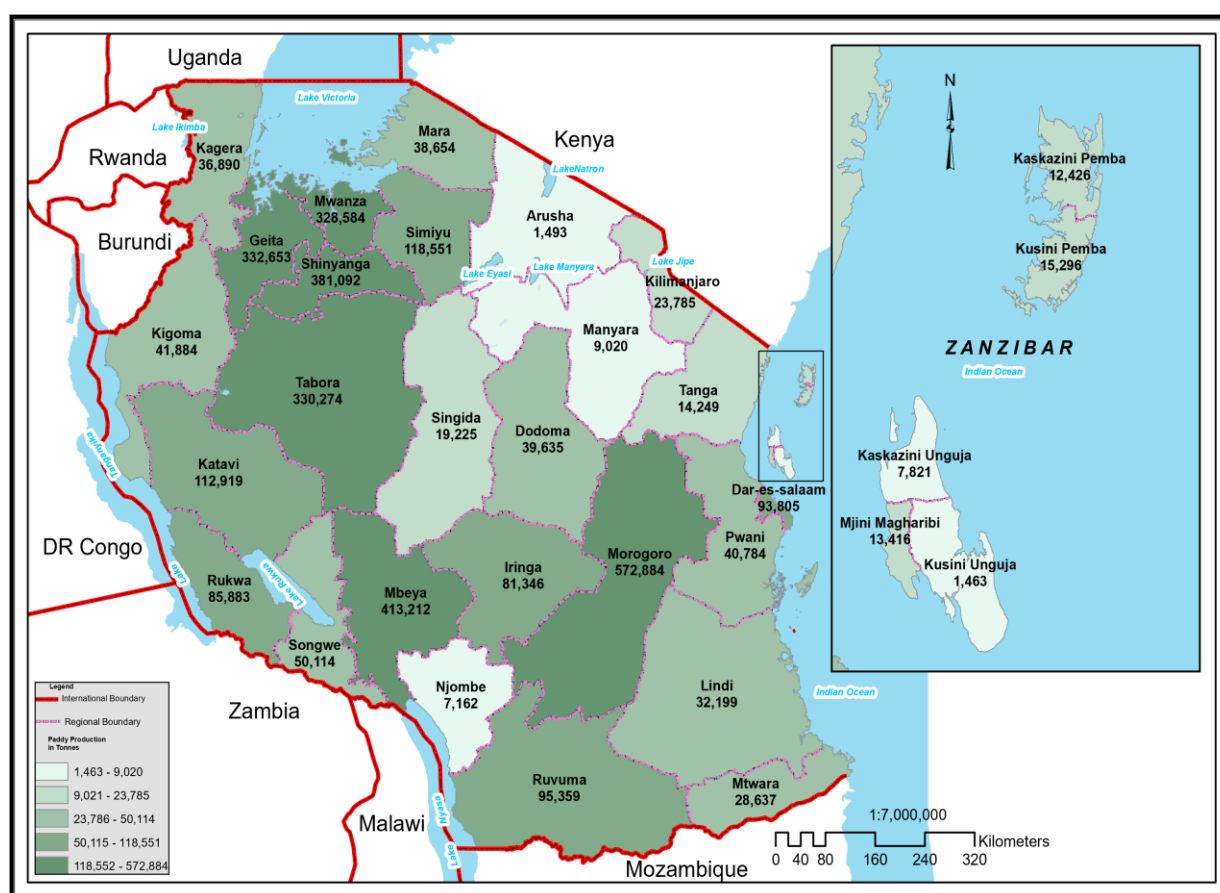


Furthermore, the total production of paddy in Tanzania was 3,443,606 tons of which 3,380,715 tons (98.2 percent) were from smallholder farmers and 62,891 tons (1.8 percent) from large scale farms. Out of the total quantity produced by smallholder farmers 3,330,293 tons were in Mainland Tanzania and 50,421 tons were in Tanzania Zanzibar. In Mainland Tanzania, Morogoro region had the highest production of paddy (572,884 tons; 17.2 percent), followed by Mbeya (413,212 tons; 12.4 percent) and Shinyanga (381,092 tons; 11.4 percent). The lowest paddy production was reported in Arusha region (1,493 tons; 0.04 percent), followed by

Njombe (7,162 tons; 0.2 percent) and Manyara (9,020 tons; 0.3 percent) (Figure 3.8 & Map 3.2).

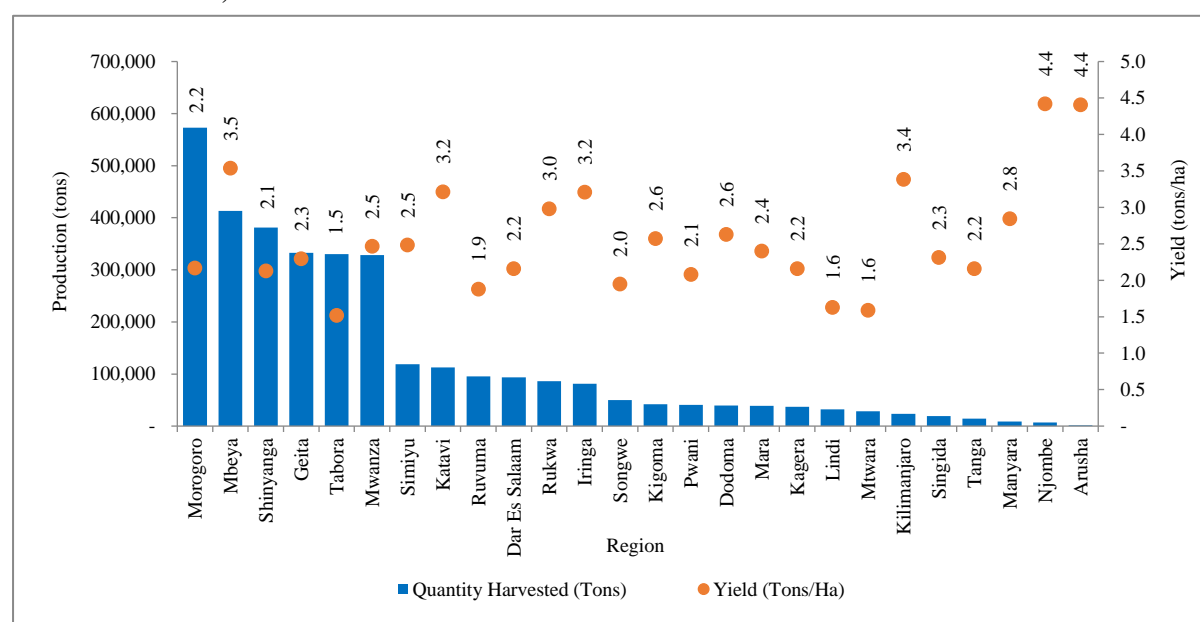
In Tanzania Zanzibar, Kusini Pemba region reported the highest production of paddy (15,296 tons; 30.3 percent), followed by Mjini Magharibi (13,416 tons; 26.6 percent) and Kaskazini Pemba (12,426 tons; 24.6 percent), while Kusini Unguja had the lowest paddy production (1,463 tons; 2.9 percent) (Figure 3.9 & Map 3.2).

**Map 3.2: Production of Paddy by Region During 2019/20 Agricultural Year, Tanzania**

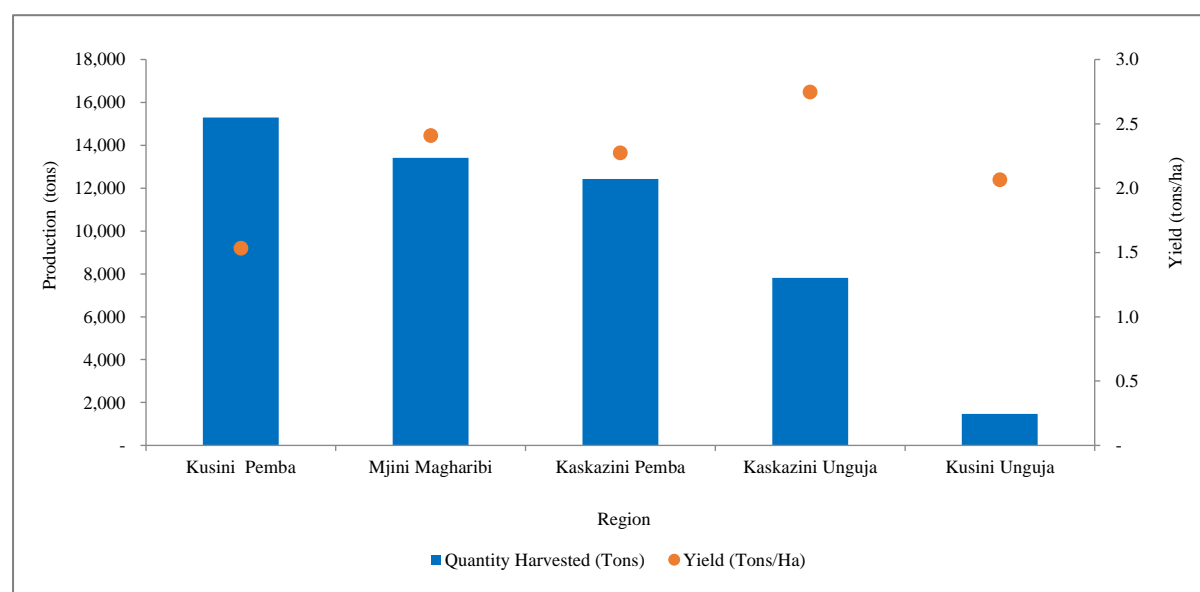


Furthermore, results show that, the average productivity of paddy reported in Tanzania was 2.3 tons/ha whereby 2.3 tons/ha was reported in Mainland Tanzania and 2.1 tons/ha in Tanzania Zanzibar. In Mainland Tanzania, Arusha and Njombe regions had the highest productivity of 4.4 tons/ha each, followed by Mbeya (3.5 tons/ha), while the lowest productivity (1.5 tons/ha) was reported in Tabora region. In Tanzania Zanzibar, Kaskazini Unguja region reported the highest yield of 2.7 tons/ha, followed by Mjini Magharibi (2.4 tons/ha) and Kaskazini Pemba (2.3 tons/ha). The lowest yield (1.5 tons/ha) was reported in Kusini Pemba (Figure 3.8 & 3.9).

**Figure 3.8: Production and Yield of Paddy by Smallholder Farmers During 2019/20 Agricultural Year, Mainland Tanzania**

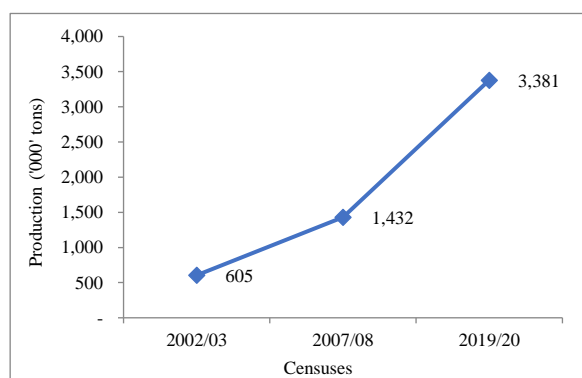


**Figure 3.9: Production and Yield of Paddy by Smallholder Farmers During 2019/20 Agricultural Year, Tanzania Zanzibar**



The 2019/20 NSCA results shows an increase in paddy production by more than 100 percent as compared to 2007/08 NSCA, from 1,431,946 tons reported in 2007/08 to 3,380,715 tons in 2019/20 (Figure 3.10).

**Figure 3.10: Trend of Paddy Production by Smallholder Farmers in Three Consecutive Censuses, Tanzania**



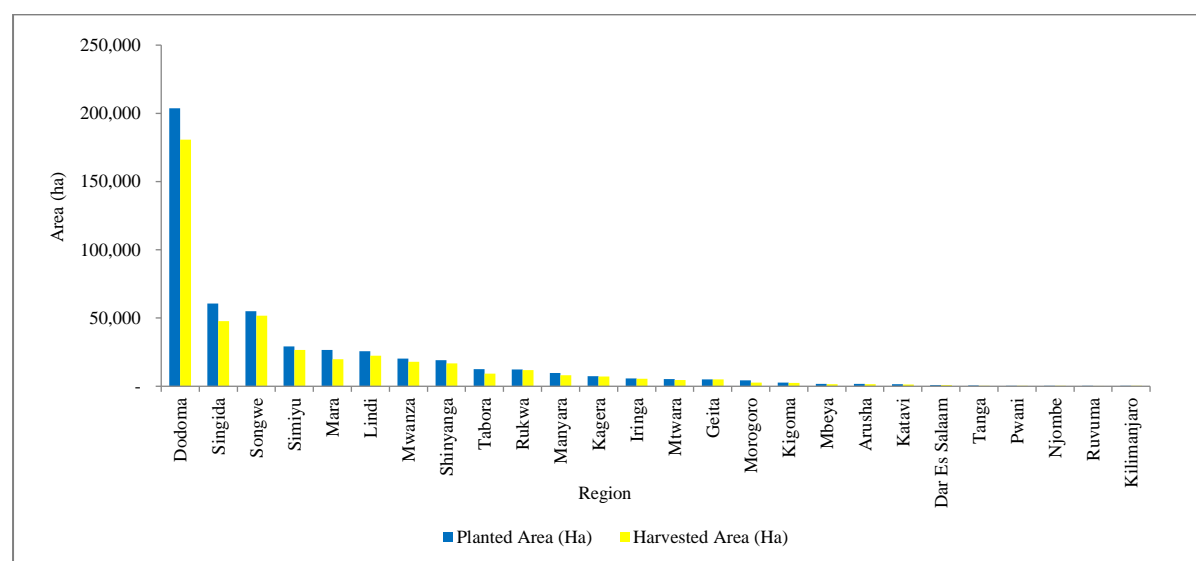
### 3.1.1.3 Sorghum

Sorghum is among the cereal crops produced in Tanzania by smallholder farmers especially in Mainland Tanzania. The 2019/20 NSCA results show that, sorghum was grown by 122,780 households in Tanzania during short rainy season (122,695 in Mainland Tanzania and 85 in Tanzania Zanzibar) and 552,250 households during long rainy season (551,817 households in Mainland Tanzania and 433 households in Tanzania Zanzibar).

Sorghum was grown in a total area of 514,435 ha in Tanzania, of which 512,888 ha were occupied by smallholder farmers and 1,547 ha occupied by large scale farms. Out of the total planted area occupied by smallholder farmers, 512,767 ha were in Mainland Tanzania and 121 ha were in Tanzania Zanzibar. Looking on the planted area with sorghum in Mainland Tanzania, the largest area was observed in Dodoma region (203,783 ha; 39.7 percent), followed by Singida (60,548 ha; 11.8 percent) and Songwe (54,914 ha; 10.7 percent) (Figure 3.11). In Tanzania Zanzibar, sorghum was grown only in Kaskazini Unguja region (20 ha) and Kaskazini Pemba (101 ha).

Likewise, the total harvested area of sorghum in Tanzania by smallholder farmers was 447,567 ha, of which 447,475 ha was in Mainland Tanzania and 92 ha in Tanzania Zanzibar. The Census results also show that, the total harvested area was 87.3 percent of the total planted area with sorghum by smallholder farmers.

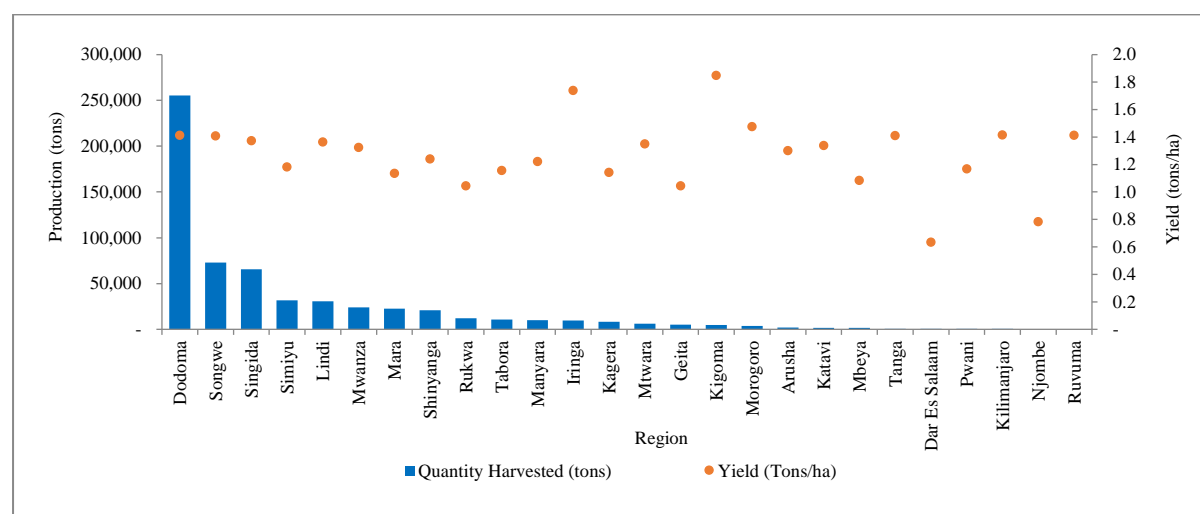
**Figure 3.11: Planted and Harvested Area with Sorghum by Smallholder Farmers by Region During Agricultural Year, Mainland Tanzania**



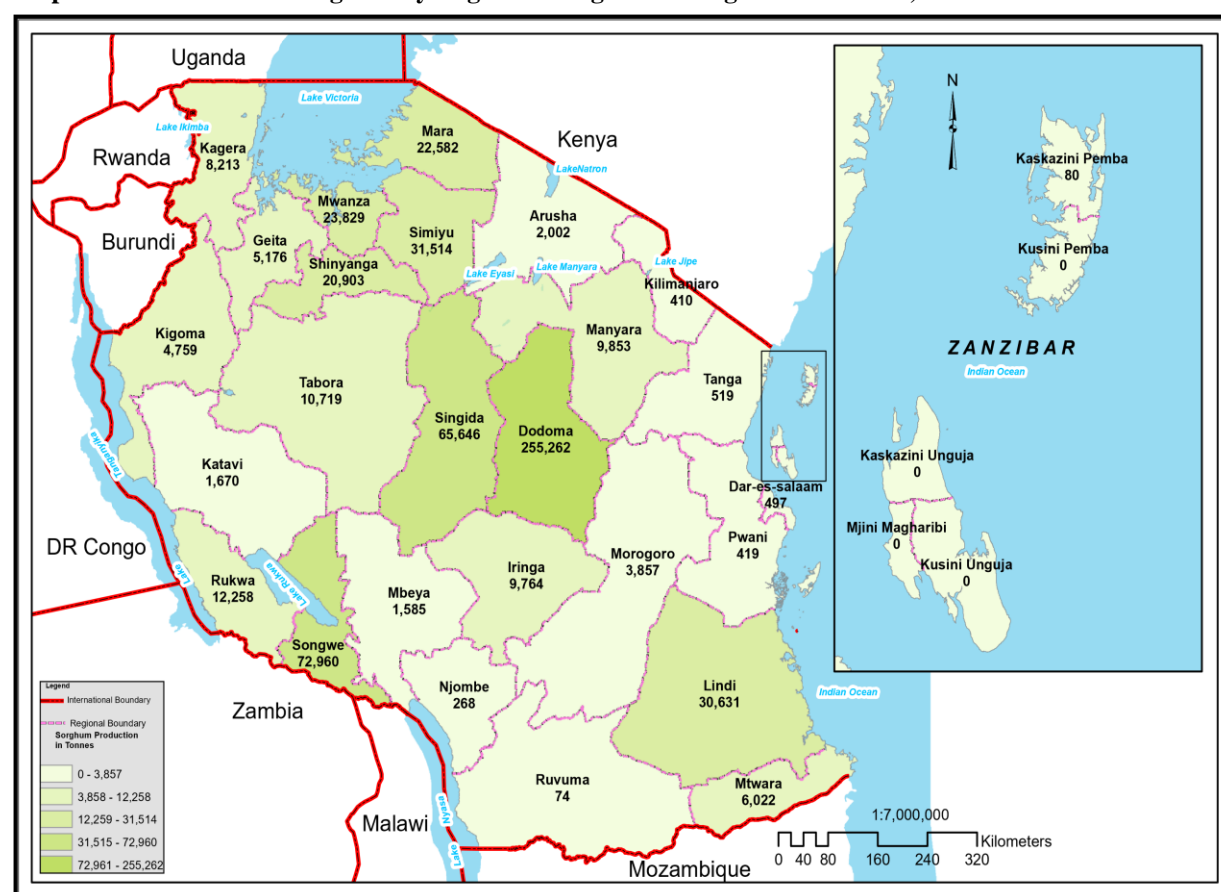
The total quantity of sorghum produced in Tanzania was 650,499 tons, out of which 601,470 tons were produced by smallholder farmers and 49,029 tons from large scale farms. Moreover, out of the production of sorghum by smallholder farmers, 601,390 tons were in Mainland Tanzania and 80 tons were in Tanzania Zanzibar. Among the regions growing sorghum in Mainland Tanzania, Dodoma had the highest production (255,262 tons; 42.4 percent), followed by Songwe (72,960 tons; 12.1 percent) and Singida (65,646 tons; 10.9 percent), while the lowest production was reported in Ruvuma region (74 tons; 0.01 percent). In Tanzania Zanzibar, Kaskazini Pemba was the only region which produced sorghum with 80 tons.

Furthermore, the results indicate that, the average productivity of sorghum reported at the national level was 1.3 tons/ha. While sorghum productivity for Mainland Tanzania was 1.3 tons/ha, that of Tanzania Zanzibar was 0.9 tons/ha. In Mainland, the highest productivity was reported in Kigoma with 1.8 tons/ha, followed by Iringa (1.7 tons/ha) and Morogoro (1.5 tons/ha). The lowest yield of 0.6 tons/ha was reported in Dar es Salaam region, followed by Njombe (0.8 tons/ha). Although Dodoma, Songwe and Singida regions were top three in sorghum production each with a yield of 1.4 tons/ha, but the highest yield was observed in Kigoma region with 1.8 tons/ha (Figure 3.12). In Tanzania Zanzibar, sorghum was harvested only in Kaskazini Pemba with an average yield of 0.9 tons/ha.

**Figure 3.12: Production and Yield of Sorghum by Smallholder Farmers During 2019/20 Agricultural Year, Mainland Tanzania**



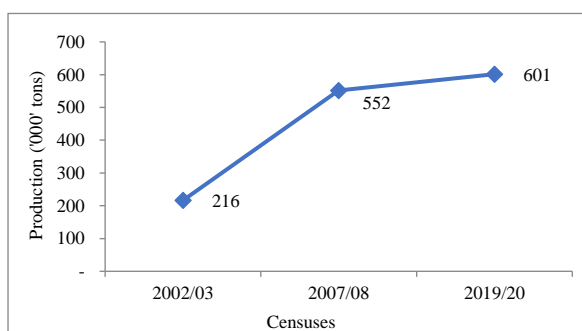
**Map 3.3: Production of Sorghum by Region During 2019/20 Agricultural Year, Tanzania**





In general, the trend shows that, the production of sorghum has increased by 8.9 percent from 552,353 tons in 2007/08 to 601, 470 tons in 2019/20 (Figure 3.13).

**Figure 3.13: Trend of Sorghum Production by Smallholder Farmers in Three Consecutive Censuses, Tanzania**



#### 3.1.1.4 Other Cereals

The 2019/20 NSCA also looked at other cereals which were produced in small quantities but important in some regions. These cereal crops include bulrush millet, finger millet, wheat and barley. The results show that, a total of 150,533 ha was planted with bulrush millet in Tanzania out of which, 150,423 ha were in Mainland and 110 ha were in Zanzibar. The harvested area with bulrush millet was 134,314 ha of which 134,250 ha were in Mainland Tanzania and 64 ha in Tanzania Zanzibar. Furthermore, the total production of bulrush millet at national level was 148,162 tons, of which 148,011 tons were in Mainland Tanzania and 150 tons in Tanzania Zanzibar. The average yield of bulrush millet at the national level was 1.1 tons/ha whereby 1.1 tons/ha was in Mainland Tanzania and 2.4 tons/ha in Tanzania Zanzibar.

On the other hand, finger millet was grown almost in all regions of Mainland Tanzania except in Tanga, Morogoro, Pwani, Dar es Salaam and Lindi regions. The total planted area with finger millet was 31,468 ha while the total harvested area was 27,767 ha. The total production of finger millet was 32,950 tons, of which Rukwa region had the highest production of 8,853 tons, followed by Dodoma (5,420 tons) and Singida (4,423 tons), while the lowest production of 14 tons was reported in Katavi region. Regarding productivity, Mwanza region recorded the highest yield of 1.8 tons/ha and the lowest yield was in Kigoma (0.7 tons/ha).

The 2019/20 NSCA results further show that, wheat was grown in 14 regions of Mainland Tanzania, and occupied a total planted area of 91,659 ha with harvested area of 78,274 ha. The total production of wheat was 93,184 tons with an average yield of 1.2 tons/ha. Barley was grown in Mbeya and Rukwa regions only with the total planted area of 308 ha (251 ha and 57 ha respectively). The total quantity produced with barley was 355 tons, of which 341 tons were in Rukwa and 14 tons in Mbeya with average yield of 1.4 tons/ha and 1.0 tons/ha respectively.

### **3.1.2 Roots and Tuber Crops Production**

Root and tuber crops grown in Tanzania are cassava, sweet potatoes, irish potatoes, yams and coco yams. These crops were produced during both short and long rainy seasons in Mainland Tanzania and Tanzania Zanzibar. The 2019/20 NSCA results revealed that, a total area of 1,113,006 ha was planted with root and tuber crops in Tanzania, out of which 1,112,398 ha (99.97 percent) was occupied by smallholder farmers and 608 ha (0.03 percent) occupied by large scale farms. Out of the total planted area by smallholder farmers, 1,039,270 ha was in Mainland Tanzania and 73,127 ha in Tanzania Zanzibar. Out of the total planted area with roots and tubers by smallholder farmers, cassava occupied a large area of 740,706 ha (66.6 percent), followed by sweet potatoes (289,917 ha; 26.1 percent) and irish potatoes (64,429 ha; 5.8 percent).

Total harvested area with root and tuber crops under smallholder farmers in Tanzania was 522,348 ha out of which 481,630 ha was in Mainland Tanzania and 40,718 ha in Tanzania Zanzibar. The results also show that, a total harvested area with root and tuber crops was 47 percent of the total planted area by smallholder farmers during 2019/20 agricultural year (Table 3.2).

Furthermore, a total quantity of 2,611,233 tons of root and tuber crops was produced in Tanzania whereby 2,609,305 tons (92.6 percent) was produced by smallholder farmers and 1,927 tons (7.4 percent) by large scale farms. Of the total quantity produced by smallholder farmers, 2,383,658 tons was in Mainland Tanzania and 225,648 tons was in Tanzania Zanzibar. Among the root and tuber crops, cassava had the highest production of 1,770,608 tons (67.9 percent), of which 1,586,358 tons were from Mainland Tanzania and 184,250 tons in Tanzania Zanzibar, followed by sweet potatoes (504,302 tons; 19.3 percent) of which 466,122 tons were harvested in Mainland Tanzania and 38,180 tons in Tanzania Zanzibar. Irish potatoes was the third mostly produced tuber crop with a total production of 319,314 tons (12.2 percent), produced only in Mainland Tanzania, followed by cocoyams with 8,810 tons (0.3 percent) of which 7,400 tons were harvested in Mainland Tanzania and 1,409 tons in Tanzania Zanzibar. The lowest root and tuber crop in production was yams with 6,272 tons (0.2 percent) of which 4,463 tons were harvested in Mainland Tanzania and 1,809 tons in Tanzania Zanzibar (Table 3.2).

**Table 3.2: Planted Area, Harvested Area, Quantity Harvested, Yield and Percentage of Roots and Tubers During 2019/20 Agricultural Year, Tanzania**

Crop	Tanzania				Mainland Tanzania				Tanzania Zanzibar			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Cassava	740,705	225,005	1,770,608	7.9	677,911	189,309	1,586,636	8.4	62,794	35,696	183,971	5.2
Sweet Potatoes	289,917	234,664	504,302	2.1	282,773	231,209	466,122	2.0	7,144	3,455	38,180	11.0
Irish Potatoes	64,429	53,115	319,314	6.0	64,418	53,115	319,314	6.0	11	-	-	-
Yams	6,715	4,125	6,272	1.5	4,801	3,217	4,463	1.4	1,913	908	1,809	2.0
Cocoyams	10,634	5,437	8,810	1.6	9,368	4,778	7,400	1.5	1,266	659	1,409	2.1
<b>Roots and Tubers</b>	<b>1,112,399</b>	<b>522,347</b>	<b>2,609,306</b>		<b>1,039,270</b>	<b>481,628</b>	<b>2,383,936</b>		<b>73,129</b>	<b>40,718</b>	<b>225,370</b>	

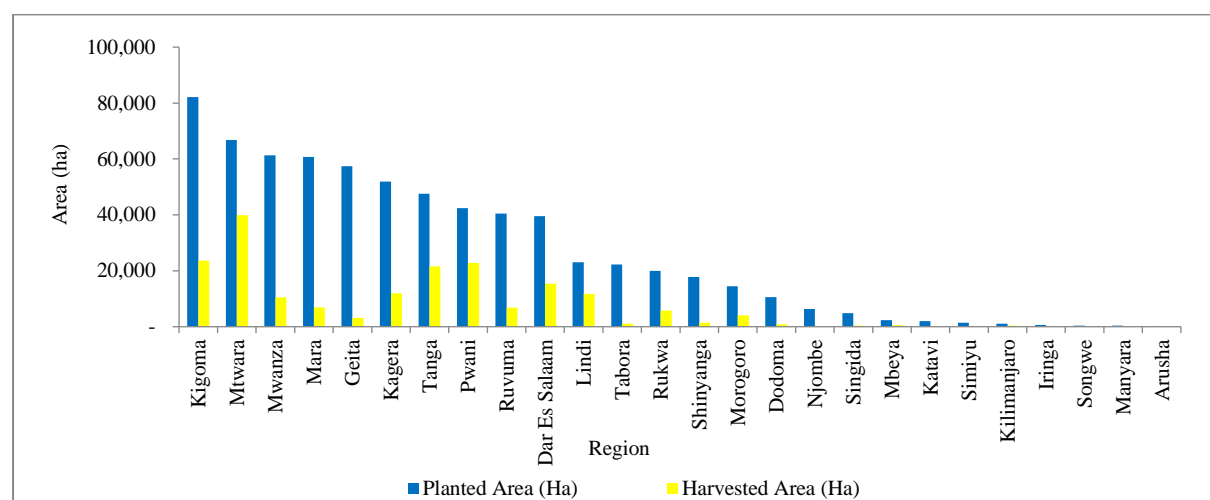
### 3.1.2.1 Cassava

Cassava is an important subsistence food crop in Tanzania, especially in the semi-arid areas and sometimes considered as a famine reserve when cereals fail due to its drought tolerance. The 2019/20 NSCA results revealed that, a total of 727,322 households were engaged in growing cassava in Tanzania during short rainy season (579,708 households were in Mainland Tanzania and 147,614 households in Tanzania Zanzibar) and 727,976 households during long rainy season (628,246 households were in Mainland Tanzania and 99,730 households in Tanzania Zanzibar). Furthermore, 649,357 households were engaged in growing cassava as a permanent crop.

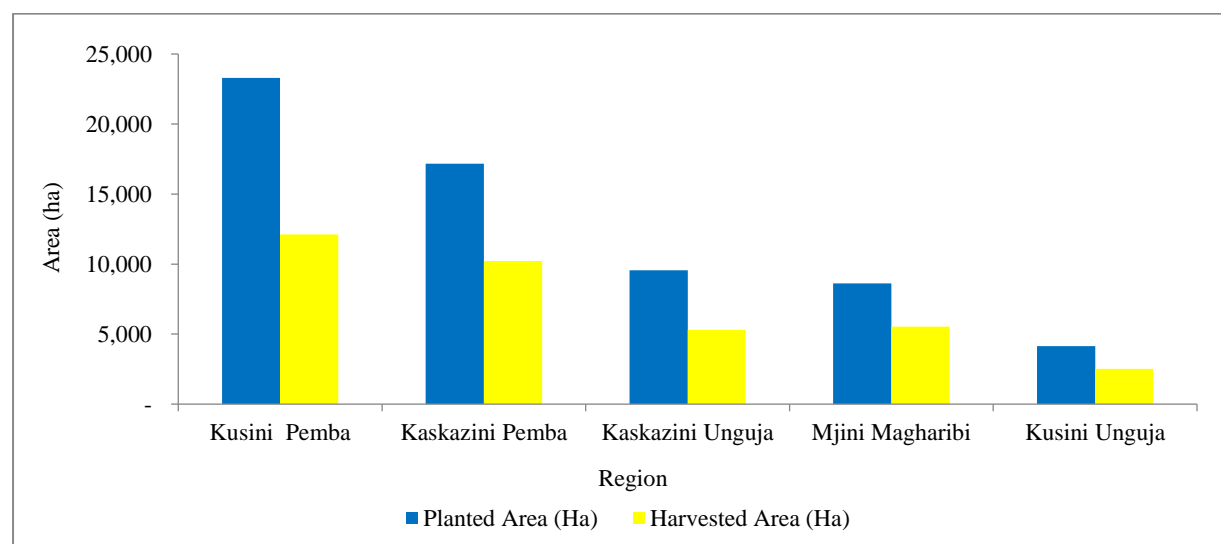
The total area planted with cassava in Tanzania during the 2019/20 agricultural year was 741,059 ha, of which 740,706 ha occupied by smallholder farmers and 353 ha occupied by large scale farms. Out of the total planted area by smallholder farmers, 677,913 ha was in Mainland Tanzania and 62,794 ha in Tanzania Zanzibar. Among regions that grew cassava in Mainland Tanzania, Kigoma region with 82,115 ha (12.1 percent) reported the largest planted area, followed by Mtwara (66,762 ha; 9.8 percent) and Mwanza (61,323 ha; 9.0 percent). In Tanzania Zanzibar, Kusini Pemba region had largest planted area with cassava of 23,288 ha (37.1 percent), followed by Kaskazini Pemba (17,173 ha; 27.3 percent) and Kaskazini Unguja region (9,563 ha; 15.2 percent) (Figure 3.14 & 3.15).

The total harvested area with cassava was 255,005 ha out of which 189,309 ha was in Mainland Tanzania and 35,696 ha in Tanzania Zanzibar. In Mainland Tanzania, Mtwara region reported the largest harvested area (39,929 ha; 21.1 percent), followed by Kigoma (23,656 ha; 12.5 percent), and Pwani (22,820 ha; 12.1 percent) (Figure 3.14). In Tanzania Zanzibar, the largest harvested area with cassava was reported in Kusini Pemba region with 12,112 ha (33.9 percent), followed by Kaskazini Pemba (10,219 ha; 28.6 percent) and Mjini Magharibi (5,546 ha; 15.5 percent) (Figure 3.15).

**Figure 3.14: Planted and Harvested Area with Cassava by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.15: Planted and Harvested Area with Cassava produced by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**

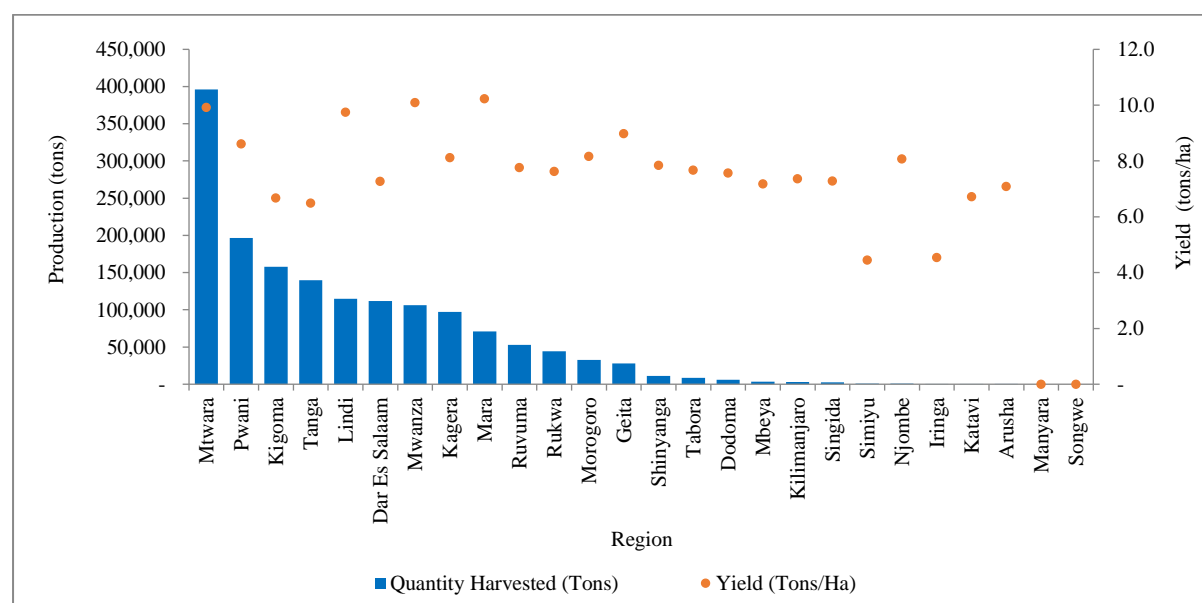


In terms of production, a total of 1,770,813 tons of cassava was produced, out of which 1,770,608 tons (99.99 percent) were from smallholder farmers and 205 tons (0.01 percent) from large scale farms. Out of the total production of cassava produced by smallholder farmers in Tanzania, 1,586,358 tons were in Mainland Tanzania and 184,250 tons in Tanzania Zanzibar. The highest production of cassava in Mainland Tanzania was reported in Mtwara region (396,128 tons; 25.0 percent), followed by Pwani (196,551 tons; 12.4 percent) and Kigoma (157,965 tons; 10.0 percent). On the other hand, Arusha region reported the lowest cassava production of 49 tons (0.003 percent) followed by Katavi (531 tons; 0.03 percent) and Iringa (592 tons; 0.04 percent) (Figure 3.16).

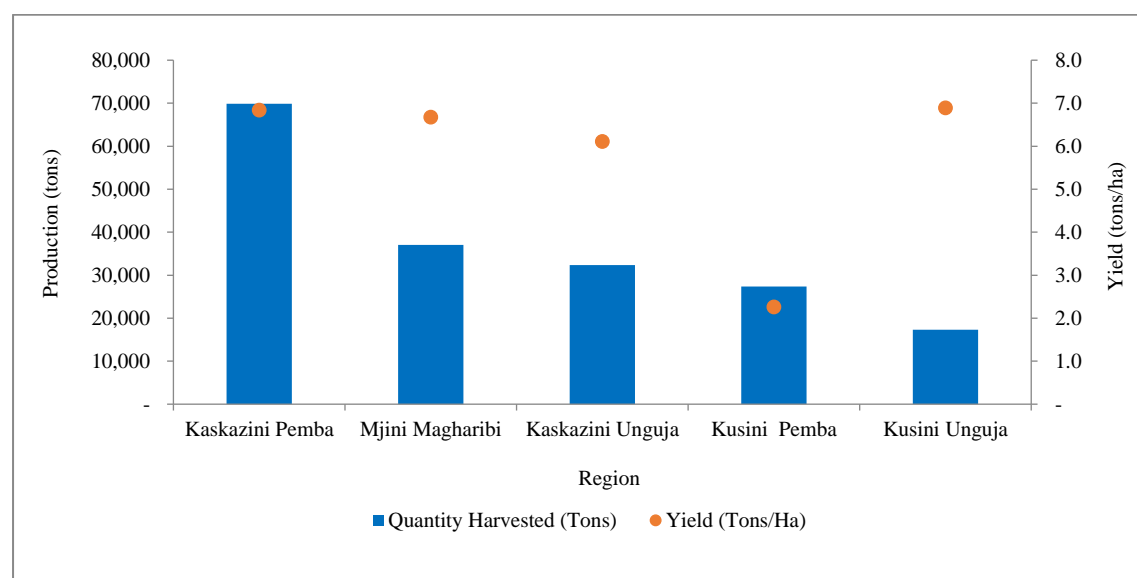
In Tanzania Zanzibar, the highest cassava production was reported in Kaskazini Pemba (69,843 tons; 38.0 percent), followed by Mjini Magharibi (37,028 tons; 20.1 percent) and Kaskazini Unguja (32,389 tons; 17.6 percent), while the lowest cassava production was observed in Kusini Unguja (17,342 tons; 9.4 percent) (Figure 3.17).

Furthermore, results show that, the average productivity of cassava in Tanzania was 7.9 tons/ha, whereby that of Mainland Tanzania was 8.4 tons/ha and Tanzania Zanzibar was 5.2 tons/ha. In Mainland, the highest productivity was reported in Mara region with 10.2 tons/ha, followed by Mwanza (10.1 tons/ha) and Mtwara (9.9 tons/ha). On the other hand, the lowest productivity of 4.4 tons/ha was reported in Simiyu region. In Zanzibar, the highest productivity was reported in Kusini Unguja region with 6.9 tons/ha, followed by Kaskazini Pemba (6.8 tons/ha) and Mjini Magharibi (6.7 tons/ha). The lowest productivity of 2.3 tons/ha was reported in Kusini Pemba region (Figure 3.16 & 3.17).

**Figure 3.16: Production and Yield of Cassava During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.17: Production and Yield of Cassava During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.1.2.2 Sweet Potatoes

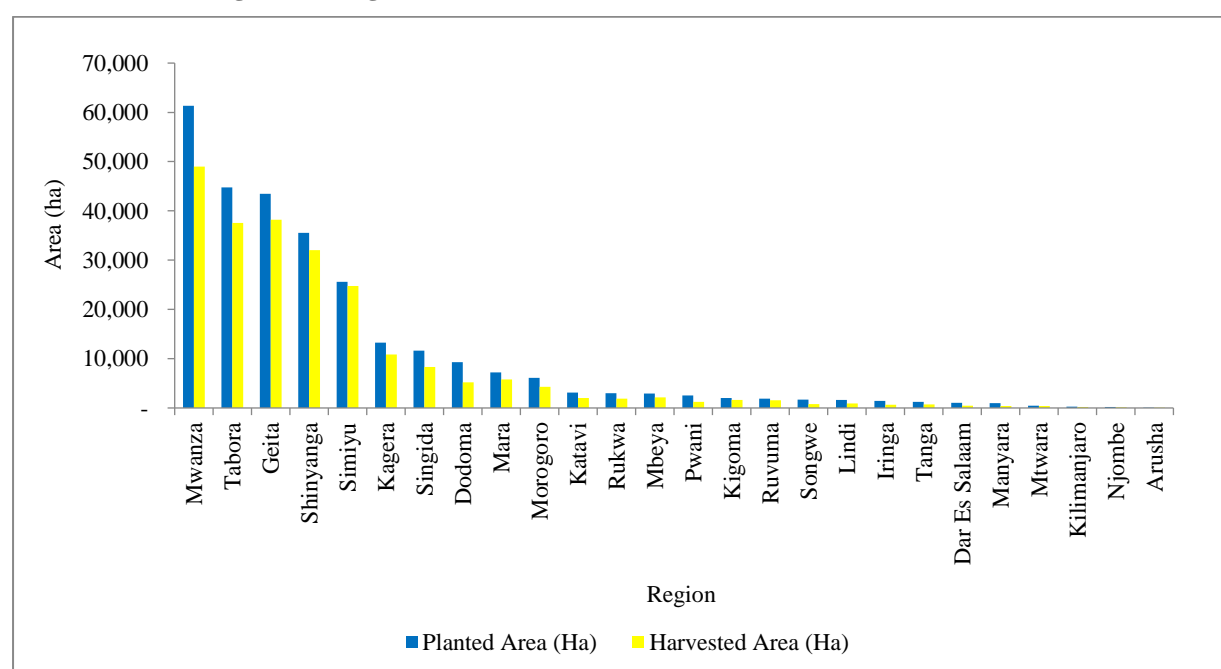
Sweet potato is an important food security crop in Tanzania, often crucial during famine periods because of its excellent drought tolerance and rapid production of storage roots. The 2019/20 NSCA results show that, sweet potatoes were grown by 368,664 households in Tanzania during short rainy season (354,382 in Mainland Tanzania and 14,282 in Tanzania Zanzibar) and 626,569 households during long rainy season (604,895 households in Mainland Tanzania and 21,674 households in Tanzania Zanzibar).

A total area of 289,940 ha was planted with sweet potatoes national wide, of which 289,917 ha was occupied by smallholder farmers and 23 ha by large scale farms. Among the total area occupied by smallholder farmers in Tanzania, 282,773 ha were in Mainland Tanzania and 7,144 ha in Tanzania Zanzibar. In Mainland Tanzania, Mwanza region reported the largest planted area (61,326 ha; 21.7 percent) with sweet potatoes, followed by Tabora (44,745 ha; 15.8 percent) and Geita (43,454 ha; 15.4 percent) and the least planted area was in Arusha (85 ha; 0.03 percent). In Tanzania Zanzibar, Mjini Magharibi region with 2,136 ha (29.9 percent) had the largest area planted with sweet potatoes, followed by Kaskazini Unguja (2,049 ha; 28.7 percent) and Kaskazini Pemba (1,808 ha; 25.3 percent) and the least planted area was in Kusini Pemba (399 ha; 5.6 percent).

During 2019/20 Agricultural year, a total harvested area with sweet potatoes was 234,664 ha, out of which 231,209 ha were in Mainland Tanzania and 3,455 ha in Tanzania Zanzibar. In Mainland Tanzania, Mwanza region (48,973 ha; 21.2 percent) had the largest harvested area, followed by Geita (38,209 ha; 16.5 percent) and Tabora (37,575 ha; 16.3 percent).

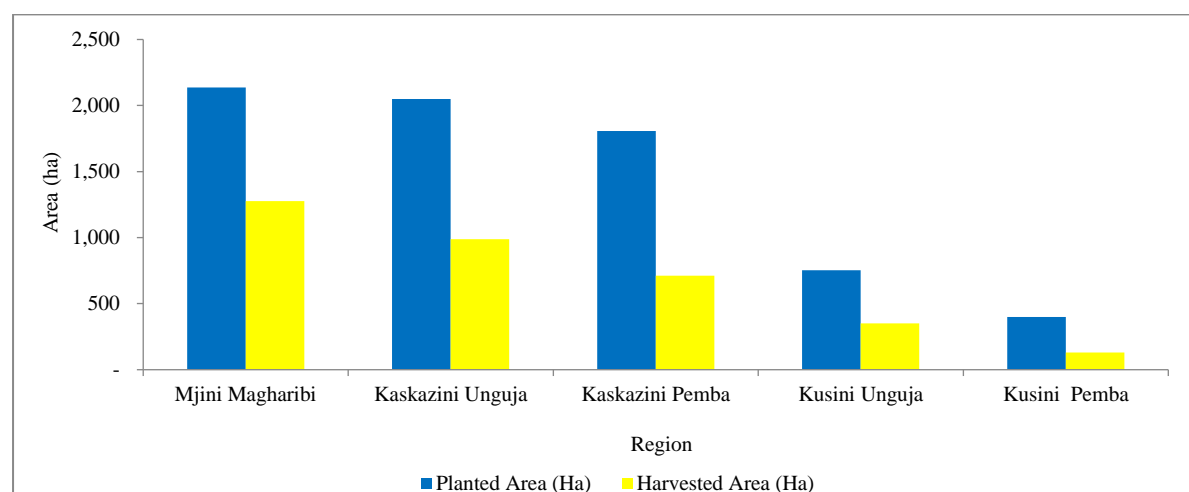
In Tanzania Zanzibar, Mjini Magharibi reported the largest harvested area with sweet potatoes of 1,276 ha (36.9 percent), followed by Kaskazini Unguja (988 ha; 28.6 percent) and Kaskazini Pemba (711 ha; 20.6 percent). The total harvested area reported in Tanzania by smallholder farmers was 80.9 percent of the total planted area with sweet potatoes during 2019/20 Agricultural year (Figure 3.18 & 3.19).

**Figure 3.18: Planted and Harvested Area with Sweet Potatoes by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**





**Figure 3.19: Planted and Harvested Area with Sweet Potatoes by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



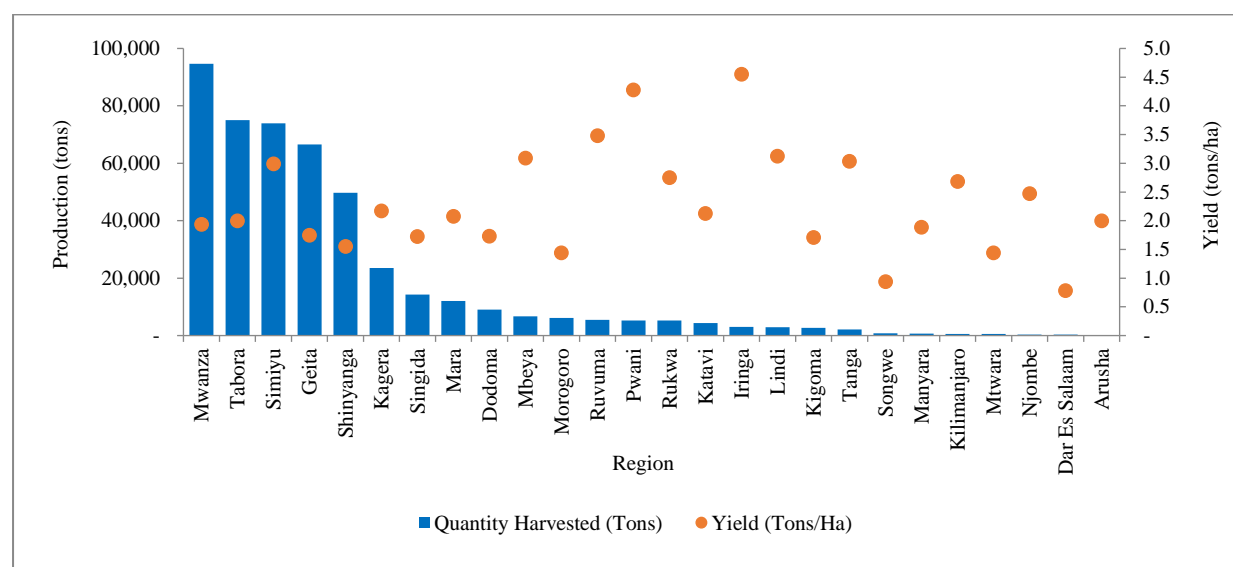
In terms of production, the results also show that, the total sweet potatoes' production in Tanzania was 504,346 tons, out of which 504,302 tons (99.9 percent) were from smallholder farmers and 44 tons (0.01 percent) from large scale farms. Out of the total sweet potatoes production, 466,122 tons were produced in Mainland Tanzania and 38,180 tons in Tanzania Zanzibar. The highest production of sweet potatoes in Mainland Tanzania was reported in Mwanza region (94,707 tons; 20.3 percent), followed by Tabora (75,013 tons; 16.1 percent) and Simiyu (73,886 tons; 15.9 percent). The lowest production (21 tons; 0.005 percent) was reported in Arusha region, followed by Dar es Salaam (355 tons; 0.1 percent) and Njombe (375 tons; 0.1 percent) (Figure 3.20). In Tanzania Zanzibar, the highest sweet potatoes production was reported in Mjini Magharibi region (14,531 tons; 38.1 percent), followed by Kaskazini Unguja (10,481 tons; 27.5 percent) and Kaskazini Pemba (8,247 tons; 21.6 percent). Kusini Pemba region reported the lowest sweet potatoes production of 1,401 tons (3.7 percent) (Figure 3.21 & Map 3.4).

**Map 3.4: Production of Sweet Potatoes by Region During 2019/20 Agricultural Year, Tanzania**

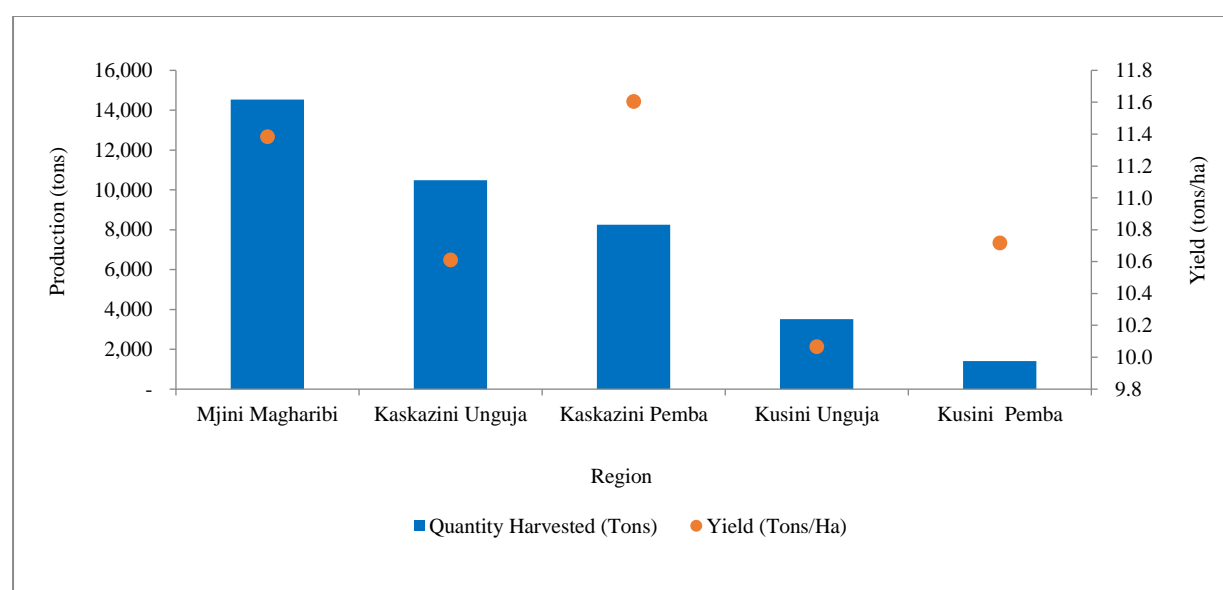


Moreover, results show that, the average productivity of sweet potatoes in Tanzania was 2.1 tons/ha, whereby 2.0 tons/ha was reported in Mainland Tanzania and 11.0 tons/ha in Tanzania Zanzibar. In Mainland Tanzania, the highest productivity (4.5 tons/ha) was reported in Iringa region, followed by Pwani (4.3 tons/ha) and Ruvuma (3.5 tons/ha). On the other hand, the lowest productivity of 0.9 tons/ha was reported in Songwe region. In Tanzania Zanzibar, the highest productivity (11.6 tons/ha) was reported in Kaskazini Pemba region, followed by Mjini Magharibi (11.4 tons/ha) and Kusini Pemba (10.7 tons/ha). The lowest productivity of 10.1 tons/ha was reported in Kusini Unguja region (Figure 3.20 & 3.21).

**Figure 3.20: Production and Yield of Sweet Potatoes During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.21: Production and Yield of Sweet Potatoes During 2019/20 Agricultural Year, Tanzania Zanzibar**



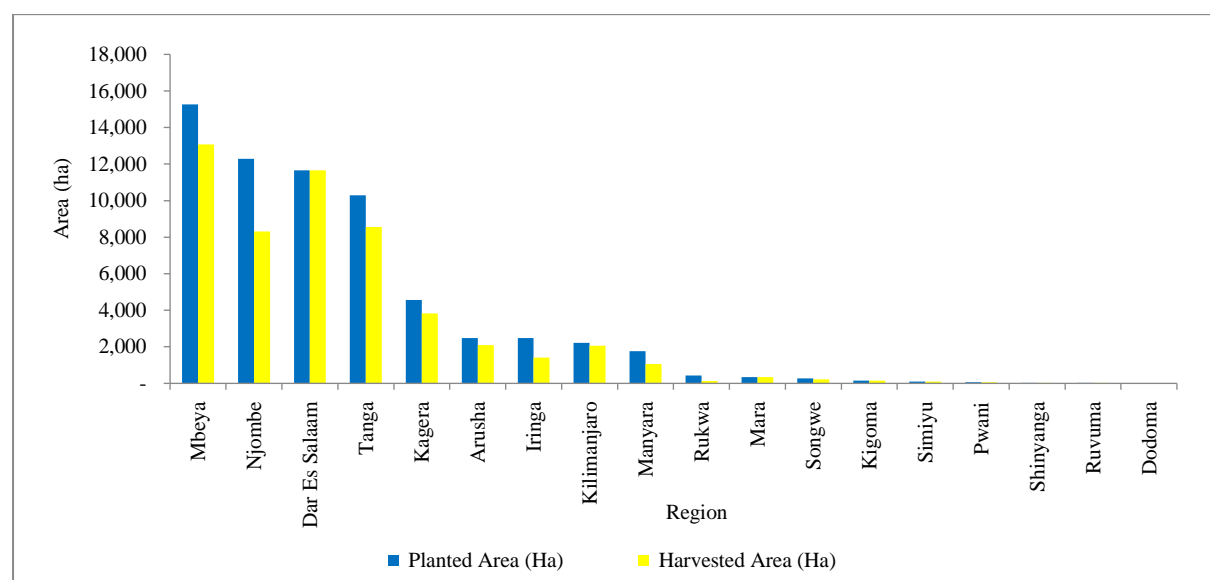
### 3.1.2.3 Irish Potatoes

Irish potatoes is one of mankind's valuable food crops which is mostly produced by smallholder farmers in the Southern Highlands Zone where it is used as food and source of income. Irish potatoes is considered as potential crop as maize, rice and wheat in the region. The 2019/20 NSCA results indicate that, a total of 57,928 households were engaged in the production of irish potatoes in Mainland Tanzania during short rainy season and 99,748 households during long rainy season (99,693 households were in Mainland Tanzania and 55 households in Tanzania Zanzibar).

The total planted area with irish potatoes in Tanzania was 64,429 ha, of which 64,418 ha were in Mainland Tanzania and 11 ha in Tanzania Zanzibar. Among the regions growing irish potatoes in Mainland Tanzania, Mbeya region had the largest area planted with irish potatoes (15,267 ha; 23.7 percent), followed by Njombe (12,286 ha; 19.1 percent) and Dar es Salaam (11,648 ha; 18.1 percent) and the least area planted with irish potatoes was in Dodoma region (16 ha; 0.02 percent) (Figure 3.22). In Tanzania Zanzibar, irish potatoes was only planted in Kusini Unguja region with 11 ha.

Out of the area planted with irish potatoes, 53,115 ha were harvested in Mainland Tanzania. The largest harvested area was in Mbeya region (13,077 ha; 24.6 percent), followed by Dar es Salaam (11,648 ha; 21.9 percent) and Tanga (8,562 ha; 16.1 percent).

**Figure 3.22: Planted and Harvested Area with Irish Potatoes by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**

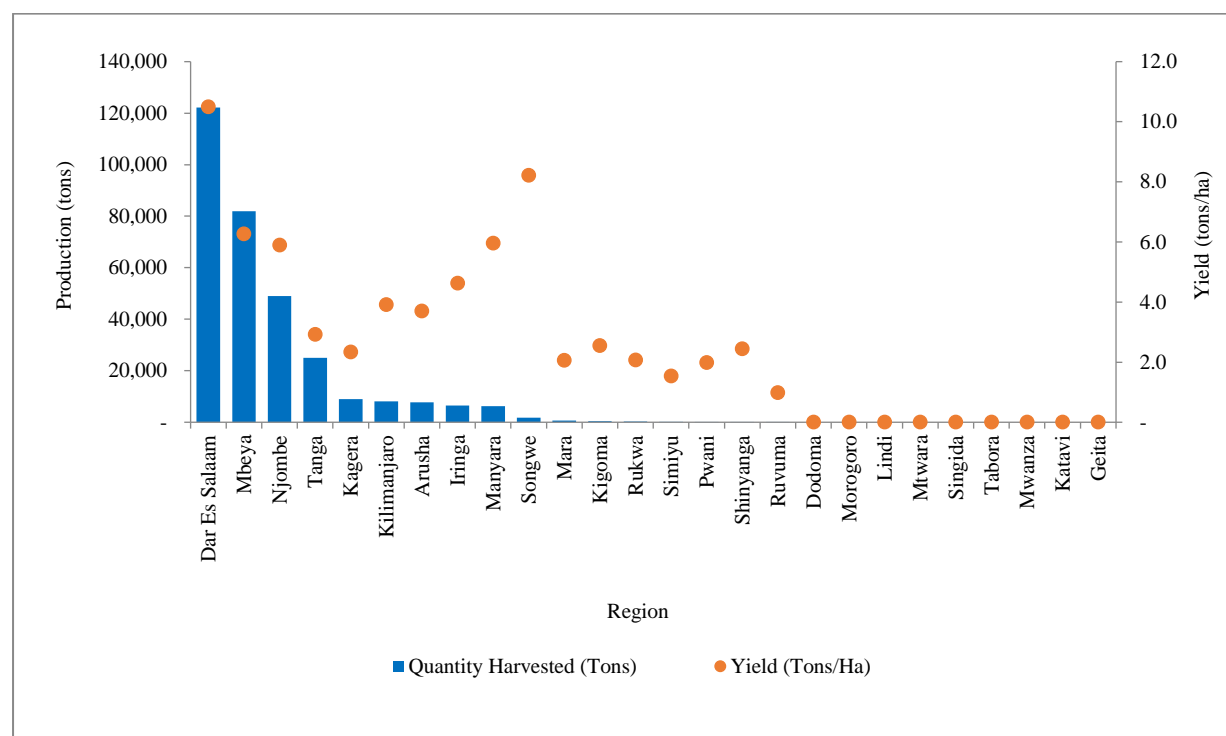


On production, a total quantity of 319,314 tons was produced in Mainland Tanzania. Looking on regional production, Dar es Salaam region reported the highest production of irish potatoes (122,240 tons; 38.3 percent), followed by Mbeya (81,939 tons; 25.7 percent) and Njombe (48,987 tons; 15.3 percent) while the lowest production occurred in Ruvuma region (22 tons; 0.01 percent), followed by Shinyanga (51 tons; 0.02 percent) and Pwani (110 tons, 0.03) (Figure 3.23).

Further results show that, the average productivity of irish potatoes in Mainland Tanzania was 6.0 tons/ha. Dar es Salaam region had the highest productivity of 10.5 tons/ha, followed by

Songwe (8.2 tons/ha) and Mbeya (6.3 tons/ha). On the other hand, Ruvuma region had the lowest productivity of 1.0 tons/ha (Figure 3.23).

**Figure 3.23: Production and Yield of Irish Potatoes During 2019/20 Agricultural Year, Mainland Tanzania**



### 3.1.2.4 Other Roots and Tuber Crops

Other root and tuber crops were produced in Tanzania in small quantities; however, they are important in some regions. These root and tuber crops were yams and cocoyams. The results show that, yams were planted in an area of 6,715 ha, of which 4,801 ha were in Mainland Tanzania and 1,913 ha in Tanzania Zanzibar. The harvested area for yams was 4,125 ha, out of which 3,217 ha were in Mainland Tanzania and 908 ha in Tanzania Zanzibar. Total production of yams in Tanzania was 6,272 tons, out of which 4,463 tons were in Mainland Tanzania and 1,809 tons in Tanzania Zanzibar. The average yield of yams was 1.4 tons/ha in Mainland Tanzania and 2.0 tons/ha in Tanzania Zanzibar, the national average yield was 1.5 tons/ha.

Cocoyam was grown by half of the regions in Mainland Tanzania and all regions in Tanzania Zanzibar. The total area planted with cocoyams for Tanzania was 10,634 ha of which 9,368 ha were in Mainland Tanzania and 1,266 ha in Tanzania Zanzibar). The total harvested area for cocoyams in Tanzania was 5,437 ha of which 4,778 ha was in Mainland Tanzania and 659 ha in Tanzania Zanzibar. Total production of cocoyams in Tanzania was 8,810 tons, of which 7,400 tons was in Mainland Tanzania and 1,409 tons in Tanzania Zanzibar. The average yield of cocoyams was 1.5 tons/ha in Mainland Tanzania and 2.1 tons/ha in Tanzania Zanzibar making a national average yield of 1.6 tons/ha.

### **3.1.3 Pulses**

Pulses were produced during the short and long rainy season in Tanzania. This group comprises of beans, pigeon peas, cow peas and green gram. Others pulses were bambaranuts, chick peas green peas, field peas, fiwi and upupu. The total number of households growing pulses was 1,452,887 during short rainy season (1,435,175 households were in Mainland Tanzania and 17,712 in Tanzania Zanzibar) and 2,696,400 households during long rainy season (2, 692,551 households were in Mainland Tanzania and 3,849 were in Tanzania Zanzibar).

The total area planted with pulses was 1,426,783 ha, out of which 1,423,512 ha was in Mainland Tanzania and 3,272 ha in Tanzania Zanzibar. The total quantity harvested was 953,895 tons out of which 951,657 tons was produced by smallholder farmers and 2,238 tons by large scale farms.

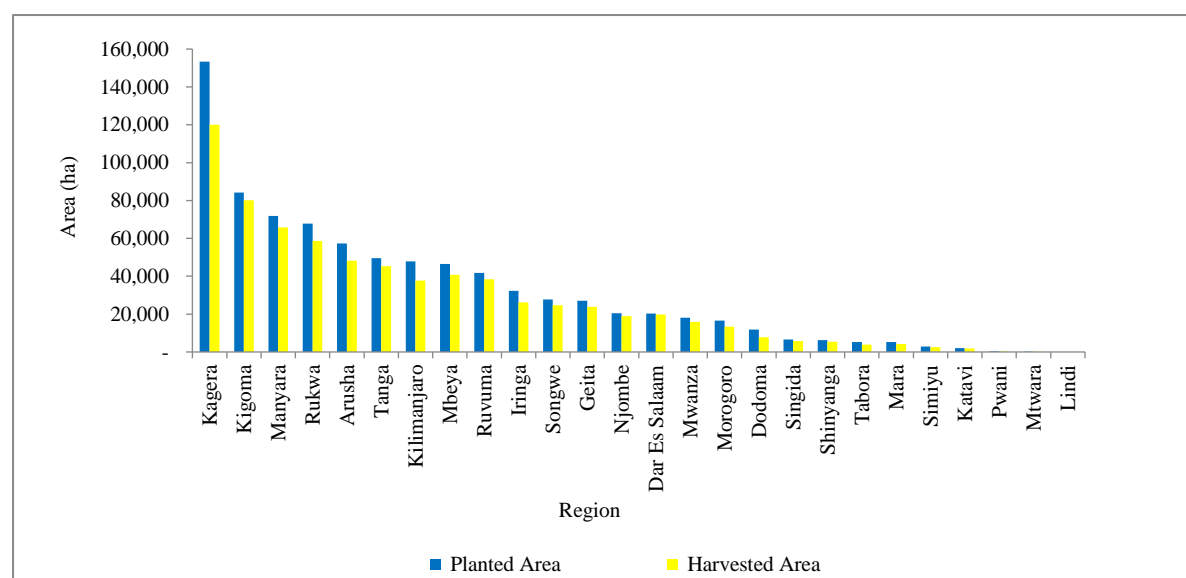
#### **3.1.3.1 Beans**

Beans were the most common pulses produced in the country in both short and long rainy seasons. The 2019/20 NSCA results show that, the number of agricultural households engaged in growing beans during short rainy season was 1,044,896 households (1,044,698 in Mainland Tanzania and 197 households in Tanzania Zanzibar) and 1,525,868 households during long rainy season in Mainland Tanzania.

The total planted area with beans in Tanzania during the 2019/20 agricultural year was 826,685 ha, of which 823,485 ha were occupied by smallholder farmers and 3,200 ha by large scale farms. Out of the total planted area occupied by smallholder farmers, 823,427 ha were in Mainland Tanzania and 58 ha in Tanzania Zanzibar. In Mainland Tanzania, Kagera Region (153,344 ha; 18.6 percent), had the largest planted area with beans, followed by Kigoma

(84,213 ha; 10.2 percent) and Manyara (71,785 ha; 8.7 percent). On the other hand, Mtwara region had the least planted area (45 ha; 0.01 percent). In Tanzania Zanzibar, beans were produced only in Kaskazini Unguja and Kusini Pemba regions with planted area of 43 ha and 13 ha respectively (Figure 3.24).

**Figure 3.24: Planted and Harvested Area with Beans by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**



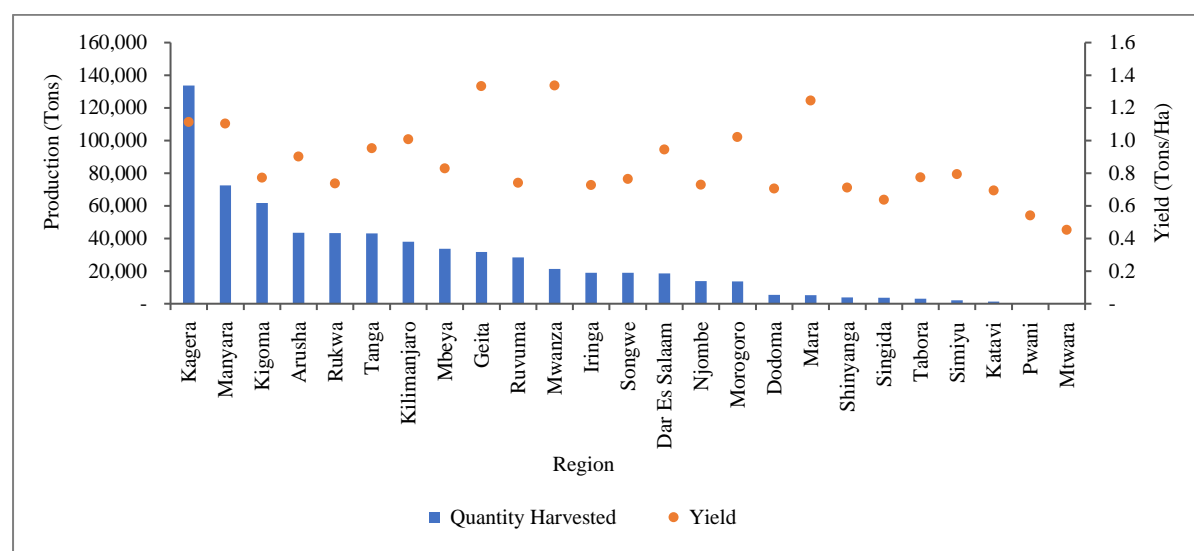
Moreover, the total harvested area of beans in Tanzania occupied by smallholder farmers was 709,108 ha, of which 709,093 ha were in Mainland Tanzania and 15 ha in Tanzania Zanzibar. This implies that, the total harvested area was about 86.1 percent of the total planted area with beans by smallholder farmers.

Production of beans in Tanzania was 661,699 tons, out of which 659,497 tons were produced by smallholder farmers and 2,202 tons by large scale farms. From the production of smallholder farmers, 659,473 tons were in Mainland Tanzania and 24 tons in Tanzania Zanzibar. In Mainland Tanzania, Kagera region had the highest production (133,592 tons; 20.3 percent), followed by Manyara (72,476 tons; 11.0 percent) and Kigoma (61,766 tons; 9.4 percent). On the other hand, Mtwara region had a least production (20 tons; 0.003 percent). In Tanzania Zanzibar, only Kaskazini Unguja region harvested a total of 24 tons equivalent to 100 percent (Figure 3.25).

Moreover, results show that, the average productivity of beans in Tanzania was 0.9 tons/ha, whereby 0.9 tons/ha was reported in Mainland Tanzania and 1.6 tons/ha in Tanzania Zanzibar. In Mainland Tanzania, the highest productivity (1.3 tons/ha) was reported in Mwanza and Geita

regions, followed by Mara (1.2 tons/ha). On the other hand, the lowest productivity of 0.5 tons/ha was in Mtwara region. In Tanzania Zanzibar, Kaskazini Unguja region had productivity of 1.6 tons/ha (Figure 3.25).

**Figure 3.25: Quantity Harvested and Yield of Beans by Region During 2019/20 Agricultural Year, Mainland Tanzania**



### 3.1.3.2 Cowpeas

Cowpeas production in Tanzania involved 137,793 households during short rainy season (127,294 in Mainland Tanzania and 10,499 in Tanzania Zanzibar) and 185,380 households in the long rainy season (183,018 in Mainland Tanzania and 2,362 in Tanzania Zanzibar).

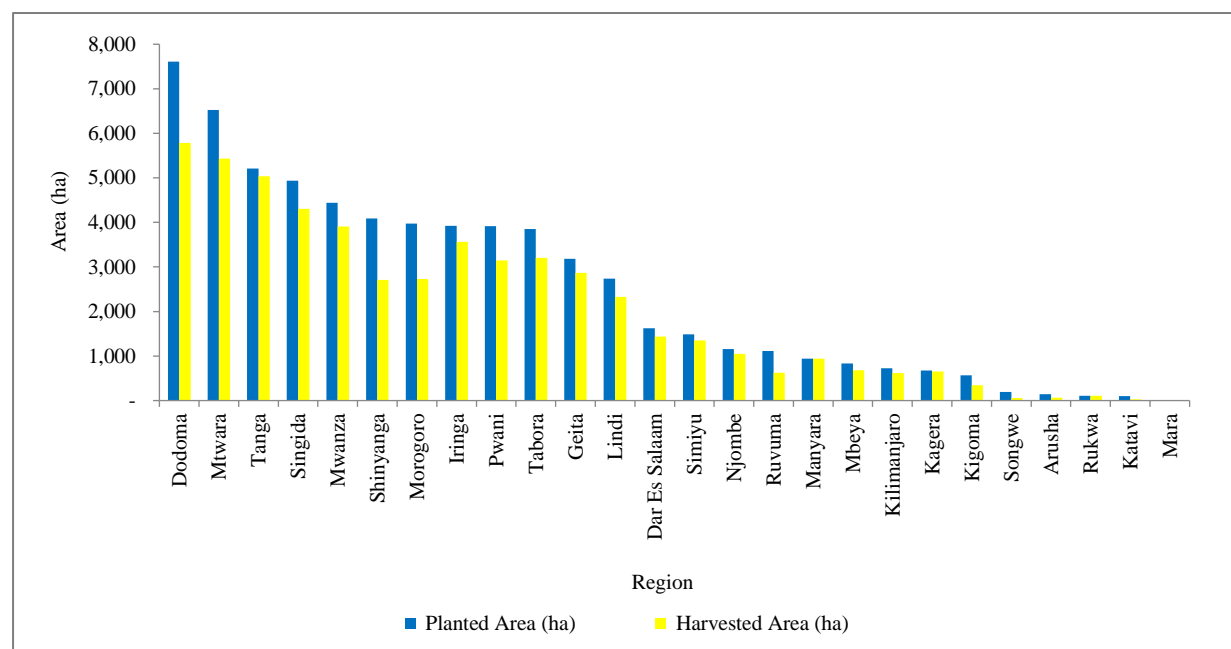
The total planted area with cowpeas in Tanzania during the 2019/20 agricultural year was 66,101 ha, of which 66,072 ha were occupied by smallholder farmers and 29 ha by large scale farms. Out of the total planted area occupied by smallholder farmers, 64,050 ha were in Mainland Tanzania and 2,022 ha in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region (7,609 ha; 11.9 percent), had the largest area planted with beans, followed by Mtwara (6,527 ha; 10.2 percent) and Tanga (5,210 ha; 8.1 percent). On the other hand, Katavi region had the least planted area (97 ha; 0.2 percent). In Tanzania Zanzibar, Kusini Pemba led with the planted area of 1,444 ha (71.4 percent), followed by Kaskazini Pemba (312 ha, 15.4 percent) while Mjini Magharibi had the lowest planted area of 3 ha (0.1 percent) (Figure 3.26 & 3.27).

Furthermore, the total harvested area of cowpeas in Tanzania occupied by smallholder farmers was 54,276 ha, of which 52,960 ha were in Mainland Tanzania and 1,316 ha in Tanzania

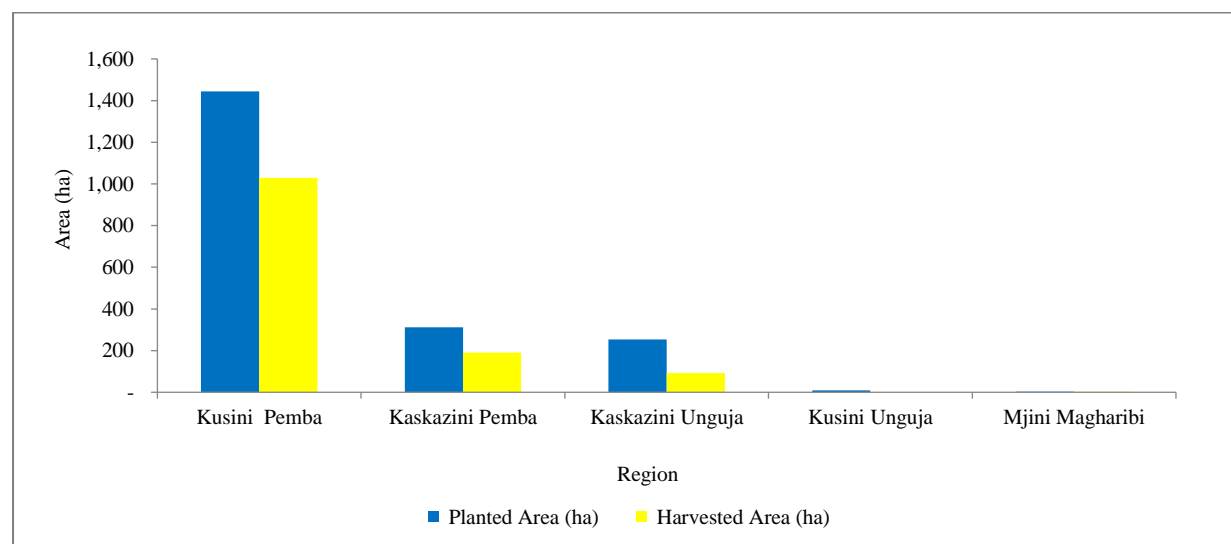


Zanzibar. This implies that, the total harvested area was 82.1 percent of the total planted area with cowpeas by smallholder farmers.

**Figure 3.26: Planted and Harvested Area with Cowpeas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**



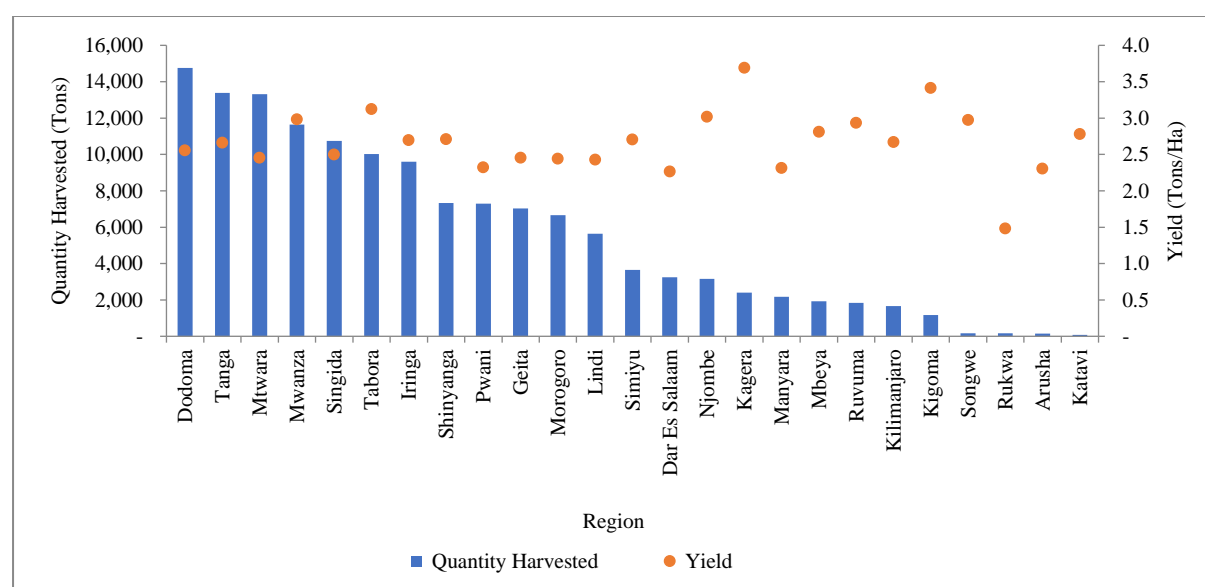
**Figure 3.27: Planted and Harvested Area with Cowpeas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



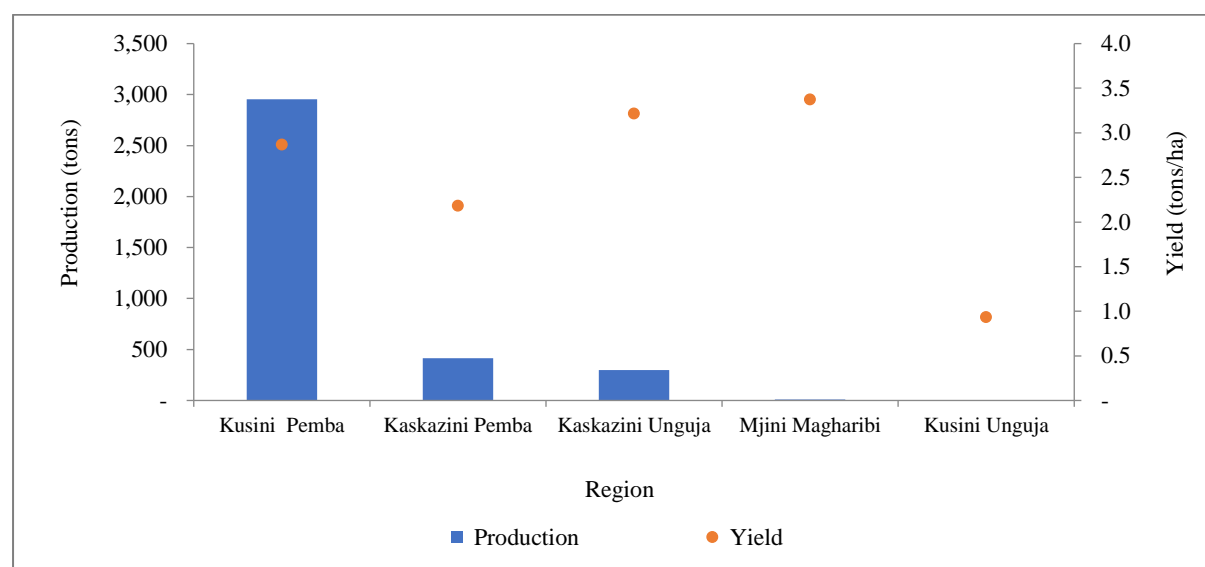
Production of cowpeas in Tanzania was 142,893 tons, out of which 142,882 tons were produced by smallholder farmers and 11 tons were produced by large scale farms. From the production of smallholder farmers, 139,207 tons were in Mainland Tanzania and 3,675 tons in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region had the highest production (14,761 tons; 10.6 percent), followed by Tanga (13,381 tons; 9.6 percent) and Mtwara (13,315 tons; 9.6 percent) while Katavi had a least production (85 tons; 0.1 percent) (Figure 3.28). In Zanzibar, Kusini Pemba led with the production of 2,954 tons (80.4 percent), followed by Kaskazini Pemba (414 tons; 11.3 percent), while Kusini Unguja had the least production (1 ton, 0.03 percent) (Figure 3.29).

The results further show that, the average productivity of cowpeas in Tanzania was 2.6 tons/ha, whereby 2.6 tons/ha was in Mainland Tanzania and 2.8 tons/ha in Tanzania Zanzibar. In Mainland Tanzania, Kagera region had the highest productivity (3.7 tons/ha), followed by Kigoma (3.4 tons/ha). On the other hand, the lowest productivity of 1.5 tons/ha was in Rukwa region. In Tanzania Zanzibar, Mjini Magharibi region had the highest productivity of 3.4 tons/ha while the lowest productivity was in Kusini Unguja (0.9 tons/ha) (Figure 3.28 & 3.29).

**Figure 3.28: Quantity Harvested and Yield of Cowpeas by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.29: Production of Cowpeas by Region During 2019/2 Agricultural Year, Tanzania Zanzibar**



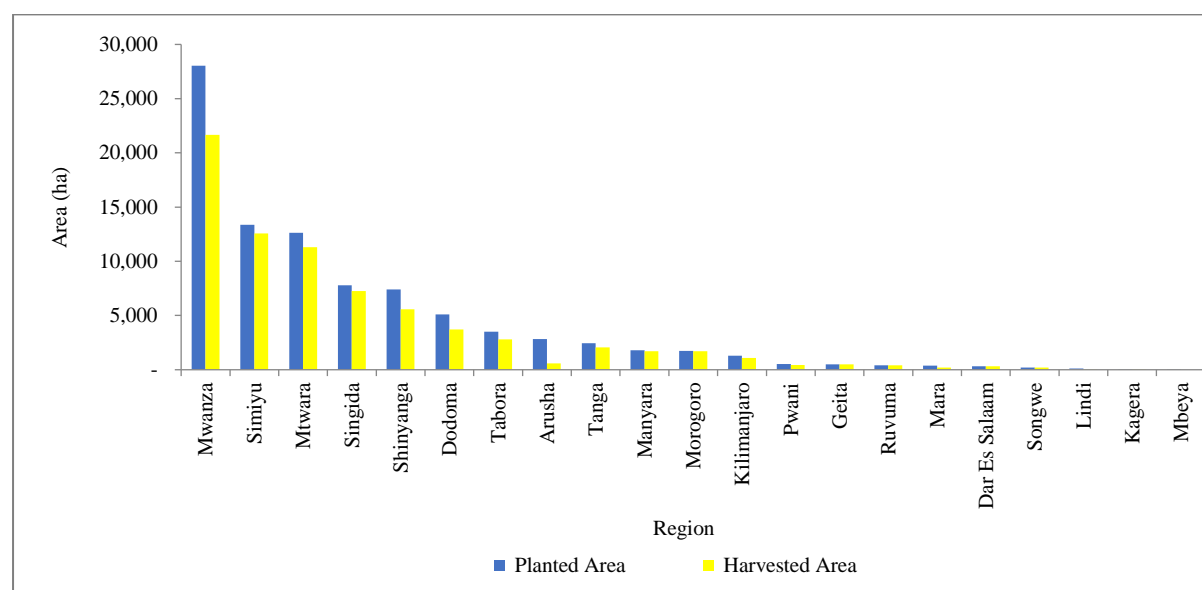
### 3.1.3.3 Green gram

A total of 122,627 households were engaged in green gram production during short rainy season (119,666 were in Mainland Tanzania and 2,961 were in Tanzania Zanzibar) and 125,089 households in the long rainy season (124,493 households in Tanzania Mainland and 596 households in Tanzania Zanzibar).

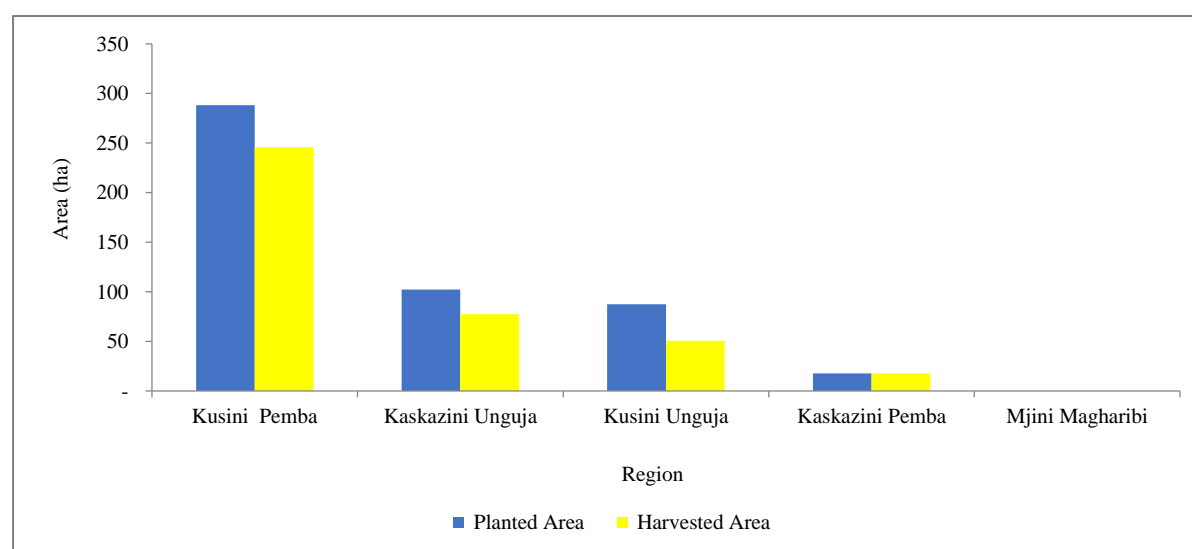
The total planted area with green gram in Tanzania during the 2019/20 agricultural year was 91,063 ha, of which 91,010 ha were occupied by smallholder farmers and 53 ha by large scale farms. Out of the total planted area occupied by smallholder farmers, 90,514 ha were in Mainland Tanzania and 496 ha in Tanzania Zanzibar. In Mainland Tanzania, Mwanza region had the largest area planted with green gram (28,042 ha; 30.9 percent), followed by Simiyu (13,367 ha; 14.8 percent) and Mtwara (12,643 ha; 14.0 percent). On the other hand, Mbeya region had the least planted area (11 ha; 0.01 percent). In Tanzania Zanzibar, Kusini Pemba region led with the planted area of 288 ha (58.1 percent), followed by Kaskazini Unguja (102 ha; 20.6 percent); while Kaskazini Pemba had the least area of 18 ha (3.6 percent) (Figure 3.30 & 3.31).

Furthermore, the total harvested area of green gram in Tanzania occupied by smallholder farmers was 74,587 ha, of which 74,195 ha were in Mainland Tanzania and 392 ha in Tanzania Zanzibar. This implies that, the total harvested area was 82.0 percent of the total planted area with green gram by smallholder farmers.

**Figure 3.30: Production of Green gram by Region During 2019/2 Agricultural Year, Mainland Tanzania**



**Figure 3.31: Production of Green gram by Region During 2019/2 Agricultural Year, Tanzania Zanzibar**



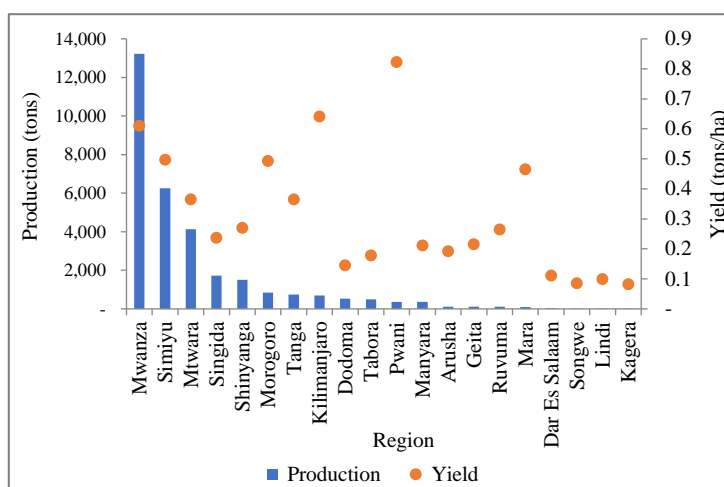
Production of green gram in Tanzania was 31,551 tons of which 31,526 tons produced by smallholder farmers and 25 tons produced by large scale farms. From the production of smallholder farmers, 31,372 tons were in Mainland Tanzania and 155 tons from Tanzania Zanzibar.

In Mainland Tanzania, Mwanza region had the highest production (13,226 tons; 42.2 percent), followed by Simiyu (6,254 tons; 19.9 percent) and Mtwara (4,130 tons; 13.2 percent). On the other hand, Kagera region had a least production (1 ton; 0.003 percent) (Figure 3.32).

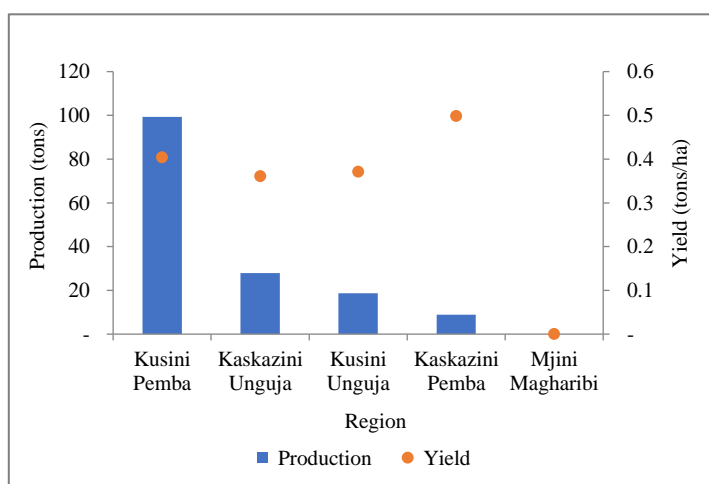
In Tanzania Zanzibar, Kusini Pemba led with the production of 99 tons (64.1 percent), followed by Kaskazini Unguja (28 tons; 18.7 percent); while Kaskazini Pemba had least production (9 tons; 5.9 percent) (Figure 3.33).

Moreover, results show that, the average productivity of green gram in Tanzania was 0.4 tons/ha, whereby 0.4 tons/ha was in Mainland Tanzania and 0.4 tons/ha in Tanzania Zanzibar. In Mainland Tanzania, Pwani region had the highest productivity (0.8 tons/ha), followed by Kilimanjaro and Mwanza with 0.6 tons/ha each. On the other hand, the lowest productivity of 0.1 tons/ha was reported in Dodoma, Dar es Salaam, Lindi, Kagera and Songwe regions. In Tanzania Zanzibar, Kaskazini Pemba region had productivity of 0.5 tons/ha (Figure 3.32 & 3.33).

**Figure 3.32: Green gram Production by Region during 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.33: Green gram Production and Yield by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



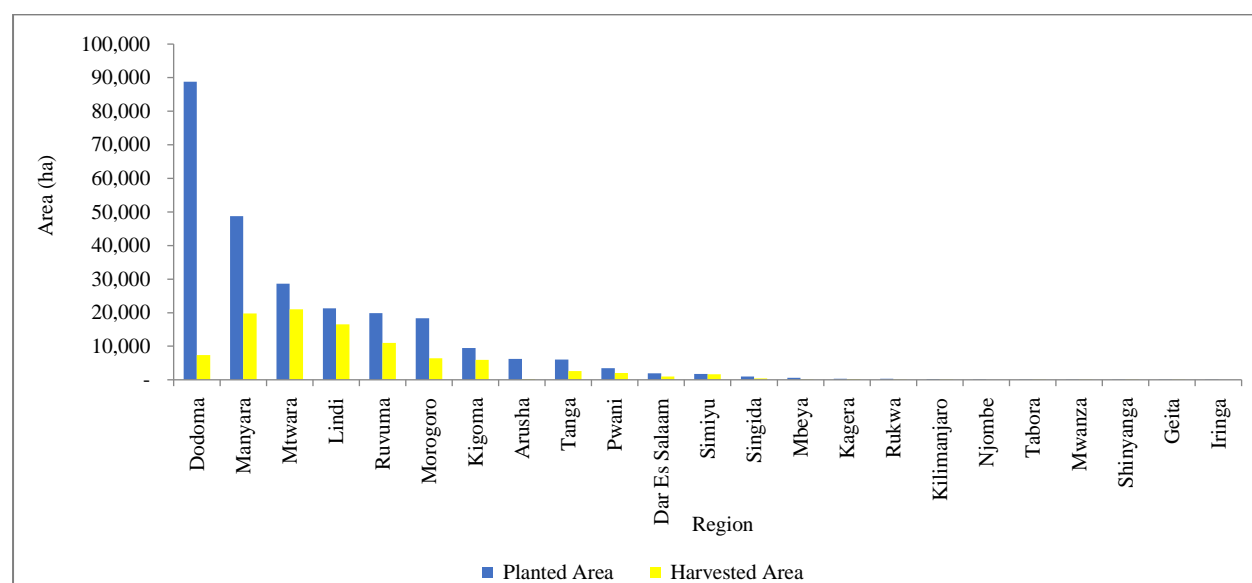
#### **3.1.3.4 Pigeon Peas**

The 2019/20 NSCA results revealed that, a total of 90,687 households were engaged in growing pigeon peas in Tanzania during short rainy season (86,975 households were in Mainland Tanzania and 3,712 households in Tanzania Zanzibar) and 534,264 households during long rainy season (533,373 households were in Mainland Tanzania and 891 households in Tanzania Zanzibar). Furthermore, 79,828 households were engaged in growing pigeon peas as a permanent crop.

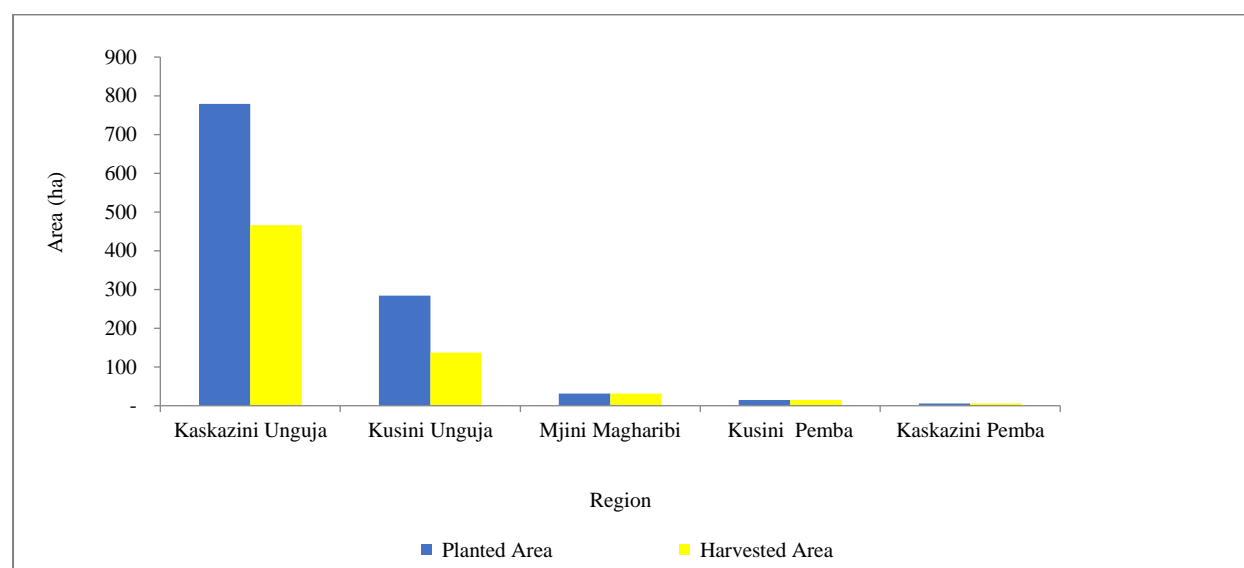
The total area planted with pigeon peas by smallholder farmers in Tanzania during the 2019/20 agricultural year was 258,251 ha, of which 257,135 ha was in Mainland Tanzania and 1,116 ha in Tanzania Zanzibar. Among regions that grew pigeon peas in Mainland Tanzania, Dodoma region with 88,817 ha (34.5 percent) reported the largest planted area, followed by Manyara (48,228 ha; 19.0 percent) and Mtwara (28,594 ha; 11.1 percent) while the least planted area was in Geita (22 ha; 0.01 percent). In Tanzania Zanzibar, Kaskazini Unguja region had largest planted area with pigeon peas 779 ha (69.8 percent), followed by Kusini Unguja (285 ha; 25.5 percent) and least was in Kaskazini Pemba region (16 ha; 0.5 percent) (Figure 3.34 & 3.35).

The total harvested area with pigeon peas was 97,092 ha out of which 96,437 ha was in Mainland Tanzania and 655 ha in Tanzania Zanzibar. In Mainland Tanzania, Mtwara region reported the largest harvested area (20,975 ha; 21.8 percent), followed by Manyara (19,720 ha; 20.4 percent), and Lindi (16,540 ha; 17.2 percent) and the least harvested area was in Mwanza (7 ha; 0.01 percent). In Tanzania Zanzibar, the largest harvested area with pigeon peas was reported in Kaskazini Unguja region with 466 ha (71.2 percent), followed by Kusini Unguja (137 ha; 20.9 percent) and least area harvested was in Kaskazini Pemba (6 ha; 0.9 percent) (Figure 3.34 & 3.35).

**Figure 3.34: Planted and Harvested Area with Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.35: Planted and Harvested Area with Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**

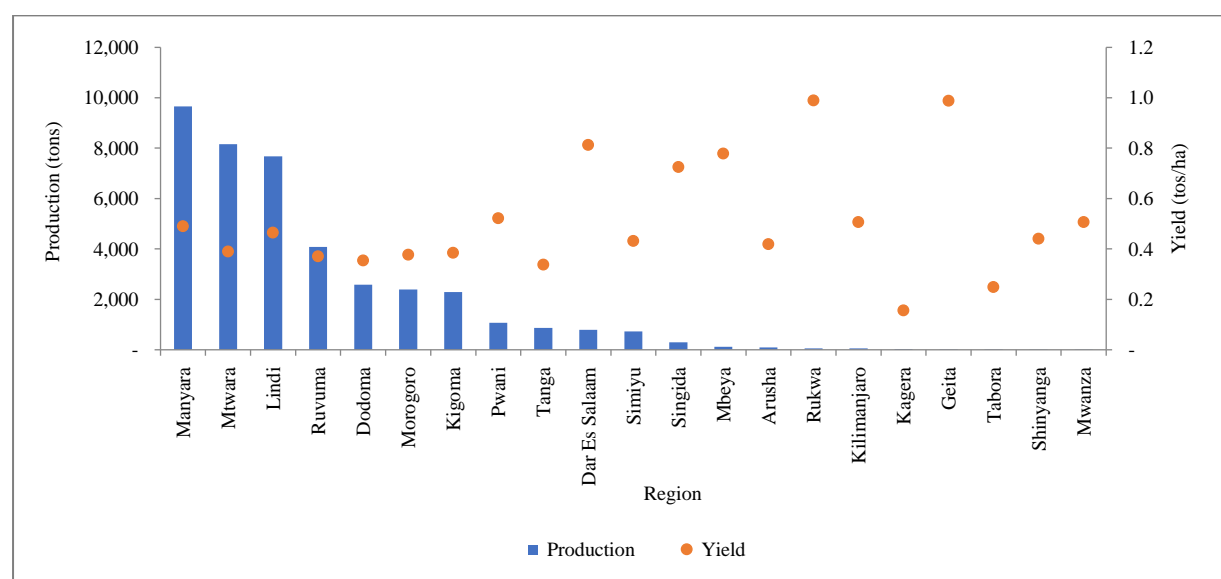


The total production of pigeon peas in Tanzania was 41,922 tons, of which, 40,990 tons were produced in Mainland Tanzania and 931 tons in Tanzania Zanzibar. The highest production of pigeon peas in Mainland Tanzania was reported in Manyara region (9,652 tons; 23.5 percent), followed by Mtwara (8,851 tons; 19.9 percent) and Lindi (7,682 tons; 18.7 percent) and Mwanza region reported the least production (4 tons; 0.01 percent) (Figure 3.36).

In Tanzania Zanzibar, the highest pigeon peas production was reported in Kaskazini Unguja (662 tons; 71.1 percent), followed by Kusini Unguja (190 tons; 20.4 percent), while the lowest pigeon peas production was observed in Kaskazini Pemba (8 tons; 0.9 percent) (Figure 3.37).

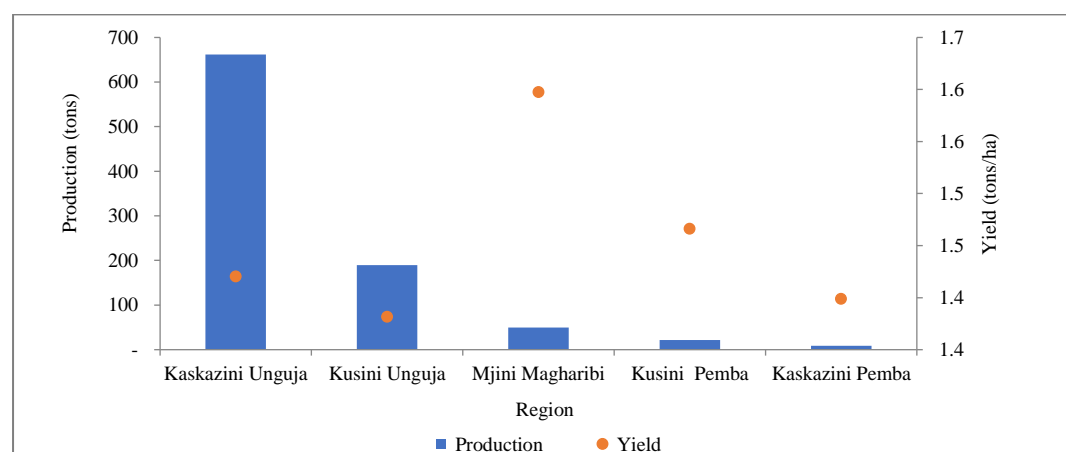
Furthermore, results show that, the average productivity of pigeon peas in Tanzania was 0.4 tons/ha, that of Mainland Tanzania was 0.4 tons/ha and Tanzania Zanzibar was 1.4 tons/ha. In Mainland Tanzania, the highest productivity was in Rukwa and Geita region with 1.0 tons/ha each, followed by Dar es Salaam and Mbeya (0.8 tons/ha each) and Singida (0.7 tons/ha). On the other hand, the lowest productivity was in Tabora and Kagera regions each with 0.2 tons/ha. In Zanzibar, the highest productivity was in Mjini Magharibi region (1.6 tons/ha), followed by Kusini Pemba (1.5 tons/ha). The remaining regions had the lowest productivity of 1.4 tons/ha each (Figure 3.36 & 3.37).

**Figure 3.36: Production and Yield of Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**





**Figure 3.37: Production and Yield of Pigeon Peas by Smallholder Farmers by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.1.3.5 Other Pulses

Other pulses include chick peas, bambaranuts, field peas, fiwi and upupu. The total area planted with other pulses was 208,317 ha out of which 208,245 ha were in Mainland Tanzania and 72 ha in Tanzania Zanzibar. The total area harvested with other pulses was 97,895 ha (97,881 ha in Mainland Tanzania and 14 ha in Tanzania Zanzibar). The total quantity harvested was 78,910 tons with 78,903 tons from Mainland Tanzania and 7 tons from Tanzania Zanzibar.

### 3.1.4 Oil Seeds and Nuts Crops

Oil seeds and nuts grown in Tanzania include groundnuts, sunflower, oil palm and sesame. These crops were planted during both short and long rainy seasons in Tanzania. The results revealed that, a total area of 1,514,617 ha was planted with oil seeds and nuts in Tanzania, out of which 1,508,208 ha (99.6 percent) was occupied by smallholder farmers and 6,410 ha (0.4 percent) by large scale farms. Out of the total planted area by smallholder farmers, 1,506,977 ha were in Mainland Tanzania and 1,231 ha in Tanzania Zanzibar.

Total harvested area with oil seeds and nuts under smallholder farmers in Tanzania was 1,365,297 ha out of which 1,364,280 ha was in Mainland Tanzania and 1,017 ha in Tanzania Zanzibar. The results also show that, a total harvested area with oil seeds and nuts was 90.5 percent of the total planted area by smallholder farmers.

Furthermore, a total quantity of 1,279,657 tons of oil seeds and nuts was produced in Tanzania whereby 1,277,925 tons (99.9 percent) was produced by smallholder farmers and 1,731 tons (0.1 percent) by large scale farms. Of the total quantity produced by smallholder farmers, 1,277,235 tons was in Mainland Tanzania and 690 tons in Tanzania Zanzibar.

### 3.1.4.1 Groundnuts

The 2019/20 NSCA results show that, a total of 293,997 households were engaged in growing groundnuts in Tanzania during short rainy season (288,804 households were in Mainland Tanzania and 5,193 households in Tanzania Zanzibar) and 931,792 households during long rainy season (929,736 households were in Mainland Tanzania and 2,056 households in Tanzania Zanzibar).

The total planted area for groundnuts was 528,373 ha out of which 527,142 ha were in Mainland Tanzania and 1,231 ha in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region had the largest planted area with groundnuts (132,427 ha; 25.1 percent), followed by Tabora (103,486 ha; 19.6 percent) and Shinyanga (45,746 ha; 8.7 percent). On the other hand, Pwani region had the least planted area (352 ha; 0.1 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest planted area of 829 ha (67.4 percent), followed by Kaskazini Pemba (273 ha; 22.2 percent); while Kaskazini Unguja had the least planted area (42 ha, 3.4 percent).

The total harvested area with groundnuts was 484,684 ha out of which 483,668 ha was in Mainland Tanzania and 1,017 ha in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region reported the largest harvested area (126,539 ha; 26.2 percent), followed by Tabora (89,199 ha; 18.4 percent) and Shinyanga (39,011 ha; 8.1 percent) and the least harvested area was in Pwani (323 ha; 0.1 percent). In Tanzania Zanzibar, the largest harvested area with groundnuts was reported in Kaskazini Pemba region with 660 ha (65.0 percent), followed by Kaskazini Pemba (264 ha; 26.0 percent) and least area harvested was in Kusini Unguja (19 ha; 1.8 percent).

Production of groundnuts in Tanzania was 621,697 tons, out of which 621,665 tons were produced by smallholder farmers and 32 tons produced by large scale farms. From the production of smallholder farmers, 620,975 tons was in Mainland Tanzania and 690 tons in Tanzania Zanzibar. Dodoma region had the highest production (176,287 tons; 28.4 percent), followed by Tabora (97,677 tons; 15.7 percent) and Geita (50,062 tons; 8.1 percent). On the other hand, Mara region had a least production (605 tons; 0.1 percent).

In Tanzania Zanzibar, Kusini Pemba led with the production of 455 tons (65.9 percent), followed by Kaskazini Pemba (189 tons; 27.4 percent) while Mjini Magharibi had a least production (9 tons; 1.2 percent)

Moreover, results show that, the average productivity of groundnuts in Tanzania was 1.3 tons/ha (1.3 tons/ha in Mainland Tanzania and 0.7 tons/ha in Tanzania Zanzibar). The highest productivity was in Pwani region (2.6 tons/ha), followed by Dar es Salaam (2.3 tons/ha) and Iringa (2.1 tons/ha). On the other hand, the lowest productivity was in Lindi and Mtwara regions each with 1.0 tons/ha. In Tanzania Zanzibar, the highest productivity was in Kaskazini Unguja region (0.8 tons/ha) while the least productivity was in Mjini Magharibi (0.2 tons/ha) (Table 3.3).

**Table 3.3: Planted and Harvested Area, Quantity Harvested and Yield of Groundnuts by Region During 2019/20 Agricultural Year, Tanzania**

Region	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	132,427	126,539	176,287	1.4
Arusha	-	-	-	-
Kilimanjaro	2,065	1,999	2,919	1.5
Tanga	2,932	2,743	3,331	1.2
Morogoro	4,393	4,029	5,132	1.3
Pwani	352	323	840	2.6
Dar es Salaam	693	443	1,015	2.3
Lindi	2,870	2,724	2,713	1.0
Mtwara	17,123	16,076	16,712	1.0
Ruvuma	5,789	5,327	7,154	1.3
Iringa	943	896	1,924	2.1
Mbeya	20,601	19,235	24,382	1.3
Singida	22,533	20,138	21,769	1.1
Tabora	103,486	89,199	97,677	1.1
Rukwa	13,529	13,206	21,701	1.6
Kigoma	16,272	15,174	18,697	1.2
Shinyanga	45,746	39,011	41,031	1.1
Kagera	12,890	11,223	14,350	1.3
Mwanza	13,585	12,952	16,933	1.3
Mara	469	425	605	1.4
Manyara	10,350	10,350	21,156	2.0
Njombe	1,276	1,230	2,006	1.6
Katavi	17,373	16,290	22,996	1.4
Simiyu	15,327	14,390	16,085	1.1
Geita	40,702	36,773	50,062	1.4
Songwe	23,416	22,973	33,497	1.5
<b>Mainland Tanzania</b>	<b>527,142</b>	<b>483,668</b>	<b>620,975</b>	<b>1.3</b>

### 3.1.4.2 Sunflower

The 2019/20 NSCA results show that, a total of 110,335 households were engaged in growing sunflower in Mainland Tanzania during short rainy season and 661,520 households during long rainy season. There was no production of sunflower reported in Tanzania Zanzibar during 2019/20 agricultural year.

The total planted area for sunflower was 529,394 ha out of which 524,050 ha were from smallholder farmers and 5,344 ha from large scale farms. From the total planted area by smallholder farmers, Dodoma region had the largest planted area with sunflower (202,658 ha; 38.7 percent), followed by Singida (85,457 ha; 16.3 percent) and Manyara (57,228 ha; 10.9 percent). On the other hand, Lindi region had the least planted area (151 ha; 0.03 percent).

The total harvested area with sunflower was 481,641 ha from smallholder farmers. Dodoma region reported the largest harvested area (193,533 ha; 40.2 percent), followed by Singida (75,527 ha; 15.7 percent) and Manyara (53,780 ha; 11.2 percent) and the least harvested area was in Lindi (117 ha; 0.02 percent). The results also reveal that, a total harvested area with sunflower was 91.9 percent of the total planted area by smallholder farmers.

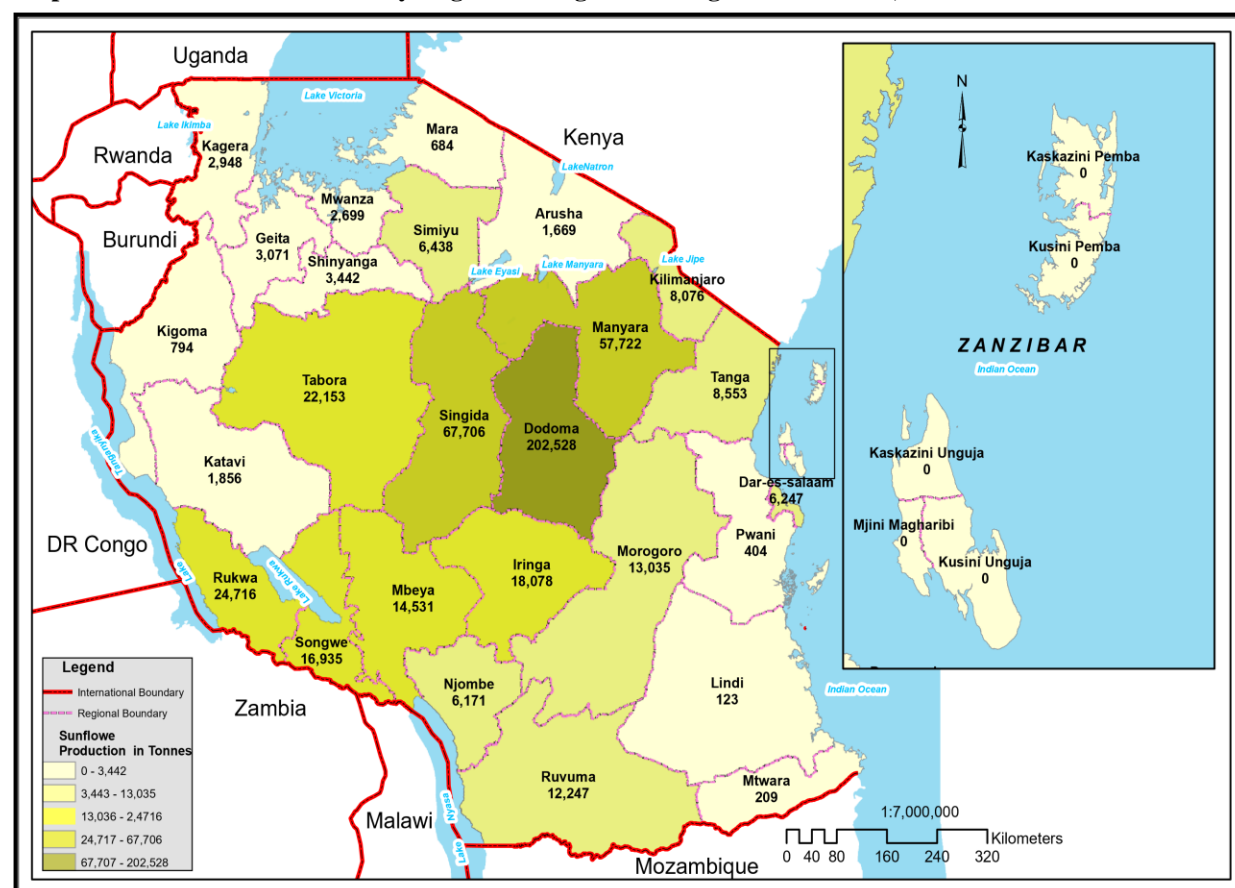
Production of sunflower in Tanzania stands at 504,422 out of which 503,032 tons was produced by smallholder farmers and 1,390 tons was produced by large scale farmers. From the total production of smallholder farmers, Dodoma region had the highest production of 202,528 tons (40.3 percent), followed by Singida (67,706 tons; 13.5 percent) and Manyara (57,722 tons; 11.5 percent). On the other hand, Lindi region had the least production (123 tons; 0.02 percent) (Table 3.4 & Map 3.5).

Moreover, results show that, the average productivity of sunflower in Tanzania was 1.0 tons/ha the highest productivity was in Kagera region (1.8 tons/ha), followed by Pwani (1.7 tons/ha) and Dar es Salaam (1.6 tons/ha). On the other hand, the lowest productivity was in Mtwara regions (0.8 tons/ha) (Table 3.4).

**Table 3.4: Planted and Harvested Area, Quantity Harvested and Yield of Sunflower by Region During 2019/20 Agricultural Year, Mainland Tanzania**

Region	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	202,658	193,533	202,528	1.0
Arusha	2,089	1,500	1,669	1.1
Kilimanjaro	7,238	6,550	8,075	1.2
Tanga	7,385	7,134	8,553	1.2
Morogoro	14,030	10,881	13,035	1.2
Pwani	345	243	404	1.7
Dar es Salaam	4,197	3,925	6,247	1.6
Lindi	151	117	123	1.1
Mtwara	264	264	209	0.8
Ruvuma	11,218	11,057	12,246	1.1
Iringa	21,316	16,251	18,078	1.1
Mbeya	12,280	12,041	14,530	1.2
Singida	85,457	75,527	67,706	0.9
Tabora	21,228	19,619	22,153	1.1
Rukwa	28,636	26,281	24,716	0.9
Kigoma	645	645	794	1.2
Shinyanga	4,594	3,658	3,442	0.9
Kagera	1,885	1,677	2,948	1.8
Mwanza	2,246	2,116	2,699	1.3
Mara	658	530	684	1.3
Manyara	57,228	53,780	57,722	1.1
Njombe	7,026	6,912	6,171	0.9
Katavi	1,735	1,542	1,856	1.2
Simiyu	7,317	6,581	6,438	1.0
Geita	2,714	2,625	3,071	1.2
Songwe	19,509	16,651	16,935	1.0
<b>Mainland Tanzania</b>	<b>524,050</b>	<b>481,641</b>	<b>503,032</b>	<b>1.0</b>

**Map 3.5: Sunflower Production by Region During 2019/20 Agricultural Year, Tanzania**



### 3.1.4.3 Sesame

The Census results show that, a total of 56,096 households were engaged in growing sesame in Mainland Tanzania during short rainy season and 425,019 households during long rainy season. There was no production of sesame reported in Tanzania Zanzibar during 2019/20 agricultural year.

The total planted area for sesame was 443,068 ha out of which 442,689 ha were from smallholder farmers and 379 ha from large scale farms. From the total planted area by smallholder farmers, Lindi region had the largest planted area with sesame (113,169 ha; 25.6 percent), followed by Dodoma (77,719 ha; 17.6 percent) and Songwe (71,464 ha; 16.1 percent). The least planted area was reported in Geita region (142 ha; 0.03 percent).

The total harvested area with sesame was 392,110 ha from smallholder farmers. Lindi region reported the largest harvested area (91,820 ha; 23.4 percent), followed by Dodoma (74,375 ha; 19.0 percent) and Songwe (62,413 ha; 15.9 percent). Mara region had the least harvested area

(59 ha; 0.02 percent). The results also reveal that, a total harvested area with sesame was 88.6 percent of the total planted area by smallholder farmers.

Production of sesame in Tanzania was 128,842 tons, out of which 128,588 tons was produced by smallholder farmers and 254 tons was produced by large scale farms. From the total production of smallholder farmers, Lindi region had the highest production of 26,900 tons (20.9 percent), followed by Songwe (23,544 tons; 18.3 percent) and Dodoma (21,980 tons; 17.1 percent) while the least production was reported in Mara (82 tons; 0.1 percent) (Table 3.5 & Map 3.5).

Results further show that, the average productivity of sesame in Tanzania was 0.3 tons/ha. The highest productivity was in Mara region (1.4 tons/ha), followed by Mwanza, Tanga, Simiyu, Tabora and Geita each with 0.9 tons/ha. On the other hand, the lowest productivity was in Rukwa, Lindi, Dodoma, Singida, Mtwara, Katavi, Pwani, Ruvuma and Kilimanjaro regions each with 0.3 tons/ha (Table 3.5).

**Table 3.5: Planted and Harvested Area, Quantity Harvested and Yield of Sesame by Region During 2019/20 Agricultural Year, Tanzania**

Region	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	77,719	74,375	21,980	0.3
Arusha	306	306	169	0.6
Kilimanjaro	924	895	304	0.3
Tanga	1,247	895	819	0.9
Morogoro	20,171	17,563	6,523	0.4
Pwani	21,840	17,591	5,832	0.3
Dar es Salaam	4,580	4,580	1,819	0.4
Lindi	113,169	91,820	26,900	0.3
Mtwara	37,877	34,577	10,433	0.3
Ruvuma	42,844	39,818	13,237	0.3
Iringa	2,288	1,880	1,202	0.6
Mbeya	2,316	2,316	1,192	0.5
Singida	23,342	21,971	6,616	0.3
Tabora	550	247	219	0.9
Rukwa	6,454	6,255	1,730	0.3
Kigoma	-	-	-	-
Shinyanga	567	567	430	0.8
Kagera	-	-	-	-
Mwanza	168	168	154	0.9
Mara	169	59	82	1.4
Manyara	2,174	2,080	886	0.4
Njombe	-	-	-	-
Katavi	10,925	10,140	3,075	0.3
Simiyu	1,452	1,452	1,321	0.9
Geita	142	142	121	0.9
Songwe	71,464	62,413	23,544	0.4
<b>Mainland Tanzania</b>	<b>442,689</b>	<b>392,110</b>	<b>128,588</b>	<b>0.3</b>

#### **3.1.4.4 Oil Palm**

The 2019/20 NSCA results show that, a total of 29,255 households were engaged in growing oil palm in Mainland Tanzania during 2019/20 agricultural year. Oil palm was grown in only eight region of Mainland Tanzania and there was no production of oil palm reported in Tanzania Zanzibar.

The total planted area for oil palm was 13,736 ha, out of which 13,096 ha were from smallholder farmers and 640 ha from large scale farms. From the total planted area by smallholder farmers, Kigoma region had the largest planted area with oil palm (7,025 ha; 53.6 percent), followed by Pwani (3,609 ha; 27.6 percent) and Mbeya (1,922 ha; 14.7 percent). On the other hand, Kagera region had the least planted area (4 ha; 0.03 percent).

The total harvested area with oil palm was 7,067 ha (6,861 ha from smallholder farmers and 206 ha from large scale farms). Kigoma region reported the largest harvested area (4,726 ha; 68.9 percent), followed by Mbeya (1,614 ha; 23.5 percent) and Pwani (384 ha; 5.6 percent), and the least harvested area was in Kagera (2 ha; 0.02 percent). The results also revealed that, the total harvested area with oil palm was 53.4 percent of the total planted area by smallholder farmers.

Production of oil palm in Tanzania was 24,696 tons, out of which 24,640 tons was produced by smallholder farmers and 56 tons by large scale farms. From the total production by smallholder farmers, Kigoma region had the largest production (17,987 tons; 73.0 percent), followed by Mbeya (5,013 tons; 20.3 percent) and Pwani (1,262 tons; 5.1 percent), while Kagera region reported the least production (6 tons; 0.02 percent) (Table 3.6).



**Table 3.6: Planted and Harvested Area, Quantity Harvested and Yield of Oil Palm by Region During 2019/20 Agricultural Year, Mainland Tanzania**

Region	Number of Households	Planted Area with MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Total Planted Area (MONO + MIXED CROPS) (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-
Morogoro	1,185	0	11,419	308	308	84	237
Pwani	923	428	6,032	3,180	3,609	384	1,262
Dar es Salaam	1,308	3	962	-	3	-	-
Lindi	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-
Mbeya	7,973	439	15,430	1,483	1,922	1,614	5,013
Singida	-	-	-	-	-	-	-
Tabora	1,622	140	207	0	141	30	74
Rukwa	-	-	-	-	-	-	-
Kigoma	8,895	4,913	10,003	2,112	7,025	4,726	17,987
Shinyanga	-	-	-	-	-	-	-
Kagera	-	-	5,149	4	4	2	6
Mwanza	7,349	59	3,942	8	67	5	22
Mara	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-
Katavi	-	-	80	16	16	16	40
Simiyu	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>29,255</b>	<b>5,984</b>	<b>53,224</b>	<b>7,112</b>	<b>13,096</b>	<b>6,861</b>	<b>24,640</b>

### 3.1.5 Fruits and Vegetables

There is a wide range of fruit and vegetable crops grown in different parts of Tanzania. The fruits and vegetables discussed under this sub-section are tomatoes, onions, cabbage, okra, watermelon, orange, pineapple, mango and banana. However, most of the fruits are produced from permanent tree crops while vegetables are temporary crops.

#### 3.1.5.1 Tomato

The 2019/20 NSCA results show that, a total of 72,586 households were engaged in growing tomatoes in Tanzania during short rainy season (62,663 households were in Mainland Tanzania and 9,923 households in Tanzania Zanzibar) and 131,733 households during long rainy season (125,068 households were in Mainland Tanzania and 6,665 households in Tanzania Zanzibar).

The total planted area for tomato was 51,658 ha, out of which 51,595 ha were from smallholder farmers and 63 ha from large scale farms. From the total planted area by smallholder farmers 49,187 ha was in Mainland Tanzania and 2,408 ha in Tanzania Zanzibar. In Mainland Tanzania, Iringa region had the largest planted area with tomato (9,390 ha; 19.1 percent), followed by Dodoma (6,054 ha; 12.3 percent) and Tanga (3,533 ha; 7.2 percent). On the other hand, Katavi region had the least planted area (33 ha; 0.1 percent). In Zanzibar, Kaskazini Unguja led with the planted area of 720 ha (29.9 percent), followed by Kusini Unguja (596 ha; 24.7 percent) while the least planted area was reported in Kaskazini Pemba (63 ha; 2.6 percent).

The total harvested area with tomato was 34,531 ha out of which 32,792 ha was in Mainland Tanzania and 1,739 ha in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region reported the largest harvested area (4,939 ha; 15.1 percent), followed by Iringa (4,679 ha; 14.3 percent) and Morogoro (2,637 ha; 8.0 percent) and the least harvested area was in Katavi (18 ha; 0.1 percent). In Tanzania Zanzibar, the largest harvested area with tomato was reported in Kaskazini Unguja region (562 ha; 32.3 percent), followed by Mjini Magharibi (443 ha; 25.5 percent) and least harvested area was in Kaskazini Pemba (31 ha; 1.8 percent). The results also reveal that, a total harvested area with tomato was 66.9 percent of the total planted area by smallholder farmers.

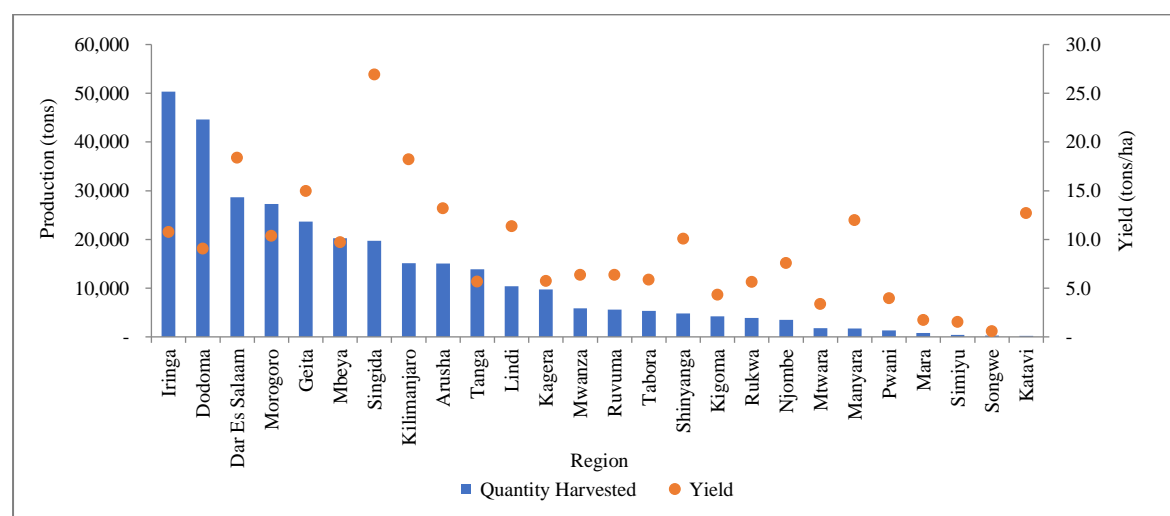
Production of tomato in Tanzania was 329,907 tons, out of which 329,078 tons was produced by smallholder farmers and 829 tons was produced by large scale farmers. From the production of smallholder farmers, 318,431 tons were in Mainland Tanzania and 10,647 tons in Tanzania Zanzibar. In Mainland, Iringa region had the highest production of tomato (50,358 tons; 15.8 percent), followed by Dodoma (44,600 tons; 14.0 percent) and Dar es Salaam (28,631 tons; 9.0 percent). On the other hand, Katavi region had the least production (231 tons; 0.1 percent). In Zanzibar, Kusini Unguja led with the production of 3,156 tons (29.6 percent), followed by Kaskazini Unguja (2,636 tons; 24.8 percent) while Kaskazini Pemba had the least production (127 tons; 1.2 percent) (Map 3.6).

**Map 3.6: Tomato Production by Region During 2019/20 Agricultural Year, Tanzania**

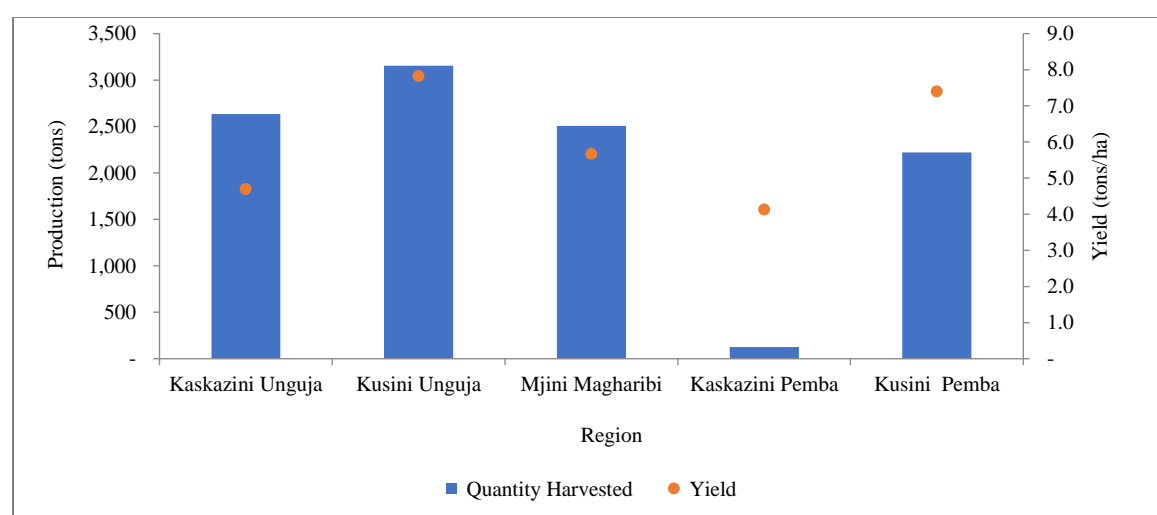


Moreover, results show that, the average productivity of tomato in Tanzania was 9.5 tons/ha (9.7 tons/ha in Mainland Tanzania and 6.1 tons/ha in Tanzania Zanzibar). The highest productivity was in Singida region (26.9 tons/ha), followed by Dar es Salaam (18.4 tons/ha) and Kilimanjaro (18.2 tons/ha). On the other hand, the lowest productivity was in Songwe region (0.6 tons/ha). In Zanzibar, the highest productivity was in Kusini Unguja region (7.8 tons/ha) while the least productivity was in Kaskazini Pemba (4.1 tons/ha) (Figure 3.38 & 3.39).

**Figure 3.38: Quantity Harvested and Yield of Tomato by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.39: Quantity Harvested and Yield of Tomato by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.1.5.2 Onions

The 2019/20 NSCA results reveal that, a total of 22,691 households were engaged in growing onions in Tanzania during short rainy season (22,648 households were in Mainland Tanzania and 43 households in Tanzania Zanzibar). During long rainy season, 52,097 households were involved in growing onions in Mainland Tanzania, while there were no households reported to grow onions in Tanzania Zanzibar.

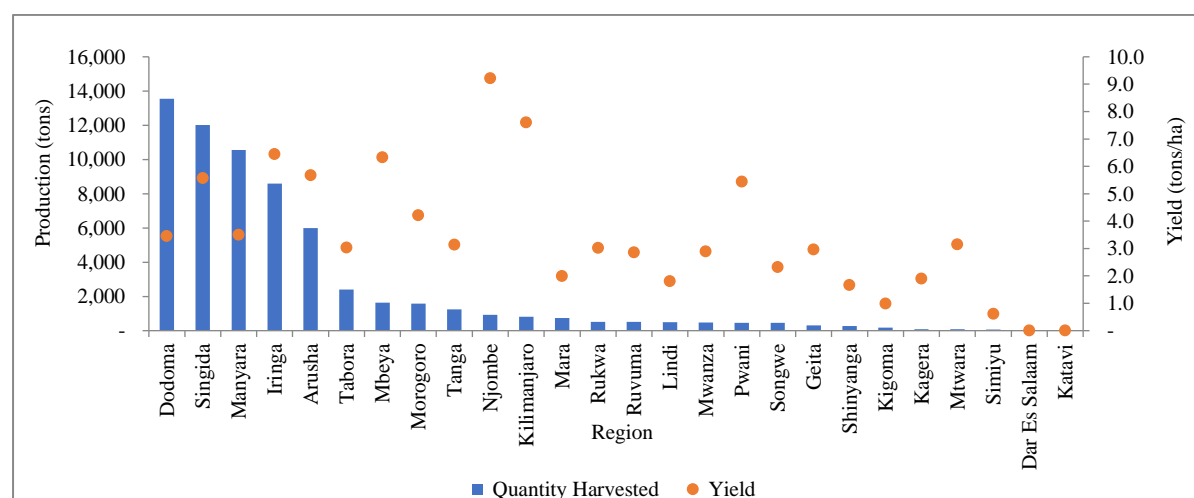
The total planted area for onions was 28,352 ha, out of which 28,336 ha were from smallholder farmers and 16 ha from large scale farms. From the total planted area by smallholder farmers, 28,323 ha was in Mainland Tanzania and 13 ha in Tanzania Zanzibar.

In Mainland Tanzania, Dodoma region had the largest planted area with onions (5,708 ha; 20.2 percent), followed by Singida (4,124 ha; 14.6 percent) and Manyara (3,588 ha; 12.7 percent), while Kagera region on the other hand, had the least planted area (49 ha; 0.2 percent). In Tanzania Zanzibar, onions were only grown in Mjini Magharibi region with a planted area of 13 ha.

The total harvested area with onions was 15,585 ha out of which 15,572 ha was in Mainland Tanzania and 13 ha in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region reported the largest harvested area (3,927 ha; 25.2 percent), followed by Manyara (3,014 ha; 19.4 percent) and Singida (2,159 ha; 13.9 percent) and the least harvested area was in Mtwara (26 ha; 0.2 percent). In Tanzania Zanzibar, the only region reported harvested area was Mjini Magharibi (13 ha; 100.0 percent). The results reveal that, a total harvested area with onions was 55.0 percent of the total planted area by smallholder farmers.

Onions production in Tanzania was 64,007 tons, of which 63,956 tons were produced by smallholder farmers and 51 tons by large scale farms. From the production of smallholder farmers, 63,954 tons were in Mainland Tanzania and 2 tons in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region had the highest production (13,551 tons; 21.2 percent), followed by Singida (12,022 tons; 18.8 percent) and Manyara (10,564 tons; 16.5 percent). On the other hand, Simiyu region had the least production (64 tons; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi produced 2 tons as it was the only region engaged in production (Figure 3.40).

**Figure 3.40: Quantity Harvested and Yield of Onions by Region During 2019/20 Agricultural Year, Mainland Tanzania**



### 3.1.5.3 Cabbage

The 2019/20 NSCA results reveal that, a total of 8,845 households were engaged in growing cabbage in Tanzania during short rainy season (8,801 households were in Mainland Tanzania and 44 households in Tanzania Zanzibar). During long rainy season, 14,214 households were involved in growing cabbage in Mainland Tanzania, while there were no households reported to grow cabbage in Tanzania Zanzibar.

The total planted area of cabbage was 4,484 ha, of which 4,482 ha were in Mainland Tanzania and 2 ha in Tanzania Zanzibar. In Mainland Tanzania, Tanga region, had the largest planted area with cabbage (1,383 ha; 30.8 percent), followed by Kigoma (484 ha; 10.8 percent) and Mbeya (354 ha; 7.9 percent). On the other hand, Mara region had the least planted area (15 ha; 0.3 percent). In Tanzania Zanzibar, only Mjini Magharibi produced cabbage with the planted area of 2 ha.

The total harvested area with cabbage was 2,811 ha, of which 2,809 ha was in Mainland Tanzania and 2 ha in Tanzania Zanzibar. In Mainland Tanzania, Tanga region reported the largest harvested area (1,167 ha; 41.6 percent), followed by Iringa (238 ha; 8.5 percent) and Mbeya (173 ha; 6.2 percent) and the least harvested area was in Mara (15 ha; 0.5 percent). In Tanzania Zanzibar, the only region reported harvested area was Mjini Magharibi (2 ha; 100.0 percent). The results reveal that, a total harvested area with cabbage was 99.9 percent of the total planted area by smallholder farmers.

Production of cabbage in Tanzania was 35,156 tons, of which 35,154 tons were in Mainland Tanzania and 2 tons in Tanzania Zanzibar. In Mainland Tanzania, Tanga region had the highest production (9,714 tons; 27.6 percent), followed by Kilimanjaro (4,973 tons; 14.1 percent) and Mbeya (3,662 tons; 10.4 percent). On the other hand, Simiyu region had the least production (39 tons; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi produced 2 tons (100.0 percent) as it was the only region engaged in cabbage production (Table 3.7).

Moreover, results show that, the average productivity of cabbage in Tanzania was 12.5 tons/ha (12.5 tons/ha in Mainland Tanzania and 1.1 tons/ha in Tanzania Zanzibar). The highest productivity was in Lindi region (39.5 tons/ha), followed by Kilimanjaro (34.5 tons/ha) and Dodoma (30.8 tons/ha). On the other hand, the lowest productivity was in Singida region (1.9 tons/ha).

**Table 3.7: Number of Household, Planted Area, Quantity Harvested and Yield of Cabbage by Region During 2019/20 Agricultural Year, Tanzania**

Region	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	19	19	598	30.8
Arusha	272	117	1,901	16.3
Kilimanjaro	144	144	4,973	34.5
Tanga	1,383	1,167	9,714	8.3
Morogoro	120	108	1,337	12.4
Pwani	46	46	148	3.2
Dar es Salaam	-	-	-	-
Lindi	54	54	2,127	39.5
Mtwara	81	-	-	-
Ruvuma	189	132	2,493	19.0
Iringa	280	238	2,542	10.7
Mbeya	354	173	3,662	21.1
Singida	54	31	60	1.9
Tabora	49	-	-	-
Rukwa	-	-	-	-
Kigoma	484	208	3,596	17.3
Shinyanga	115	-	-	-
Kagera	338	125	299	2.4
Mwanza	61	41	474	11.6
Mara	15	15	78	5.3
Manyara	-	-	-	-
Njombe	32	11	-	-
Katavi	-	-	-	-
Simiyu	74	19	39	2.0
Geita	317	160	1,113	6.9
Songwe	-	-	-	-
<b>Mainland Tanzania</b>	<b>4,482</b>	<b>2,809</b>	<b>35,154</b>	<b>12.5</b>
Kaskazini Unguja	-	-	-	-
Kusini Unguja	-	-	-	-
Mjini Magharibi	2	2	2	1.1
Kaskazini Pemba	-	-	-	-
Kusini Pemba	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.1</b>
<b>Tanzania</b>	<b>4,484</b>	<b>2,811</b>	<b>35,156</b>	<b>12.5</b>

### 3.1.5.4 Watermelon

The 2019/20 NSCA results reveal that, a total of 16,707 households were engaged in growing watermelon in Tanzania during short rainy season (13,907 households were in Mainland Tanzania and 2,800 households in Tanzania Zanzibar). During long rainy season, a total of 19,273 households were involved in growing watermelon in Tanzania, of which 17,989 were in Mainland Tanzania and 1,284 in Tanzania Zanzibar.

The total planted area for watermelon was 18,496 ha, of which 18,444 ha were from smallholder farmers and 52 ha from large scale farms. From the total planted area by smallholder farmers, 16,537 ha was in Mainland Tanzania and 1,907 ha in Tanzania Zanzibar.

In Mainland Tanzania, Dar es Salaam region had the largest planted area with watermelon (7,036 ha; 42.5 percent), followed by Geita (2,668 ha; 16.1 percent) and Morogoro (1,032 ha; 6.2 percent), while Ruvuma region had the least planted area (14 ha; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi had the largest planted area with watermelon (898 ha; 48.1 percent), followed by Kaskazini Unguja (560 ha; 29.4 percent) and the least region was Kusini Unguja (104 ha; 5.5 percent).

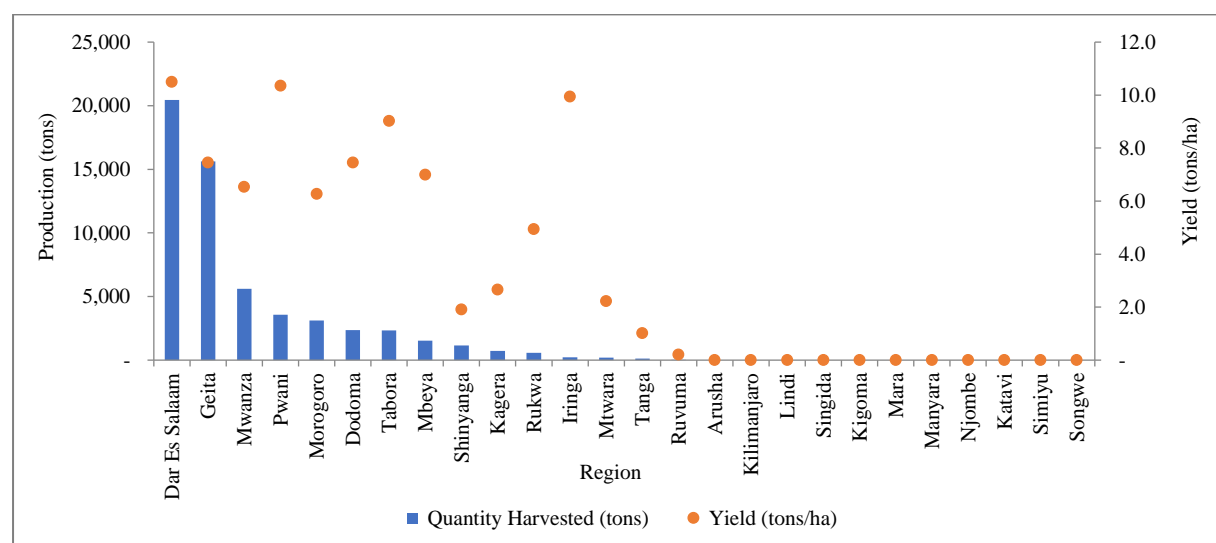
The total harvested area with watermelon was 8,473 ha, of which 7,779 ha was in Mainland Tanzania and 694 ha in Tanzania Zanzibar. In Mainland Tanzania, Geita region reported the largest harvested area (2,099 ha; 27.0 percent), followed by Dar es Salaam (1,948 ha; 25.0 percent) and Mwanza (857 ha; 11.0 percent) and the least harvested area was in Ruvuma (14 ha; 0.2 percent). In Tanzania Zanzibar, Kaskazini Unguja had the largest harvested area (308 ha; 44.3 percent), followed by Mjini Magharibi (244 ha; 35.1 percent), while the least harvested area was Kaskazini Pemba (30 ha; 4.4 percent). The results also reveal that, a total harvested area with onions was 45.9 percent of the total planted area by smallholder farmers.

Watermelon production in Tanzania was 68,687 tons, of which 68,469 tons was produced by smallholder farmers and 218 tons was produced by large scale farms. From the production by smallholder farmers, 57,573 tons were in Mainland Tanzania and 10,897 tons in Tanzania Zanzibar. In Mainland Tanzania, Dar es Salaam region had the highest production (20,452 tons; 35.5 percent), followed by Geita (15,628 tons; 27.1 percent) and Mwanza (5,596 tons; 9.7 percent). On the other hand, Ruvuma region had the least production (3 tons; 0.01 percent). In Tanzania Zanzibar, Mjini Magharibi had the largest production of watermelon production (4,512 tons; 41.4 percent), followed by Kaskazini Unguja (3,931 tons; 36.1 percent), while the least production was in Kaskazini Pemba (409 tons; 3.8 percent) (Figure 3.41 & 3.42).

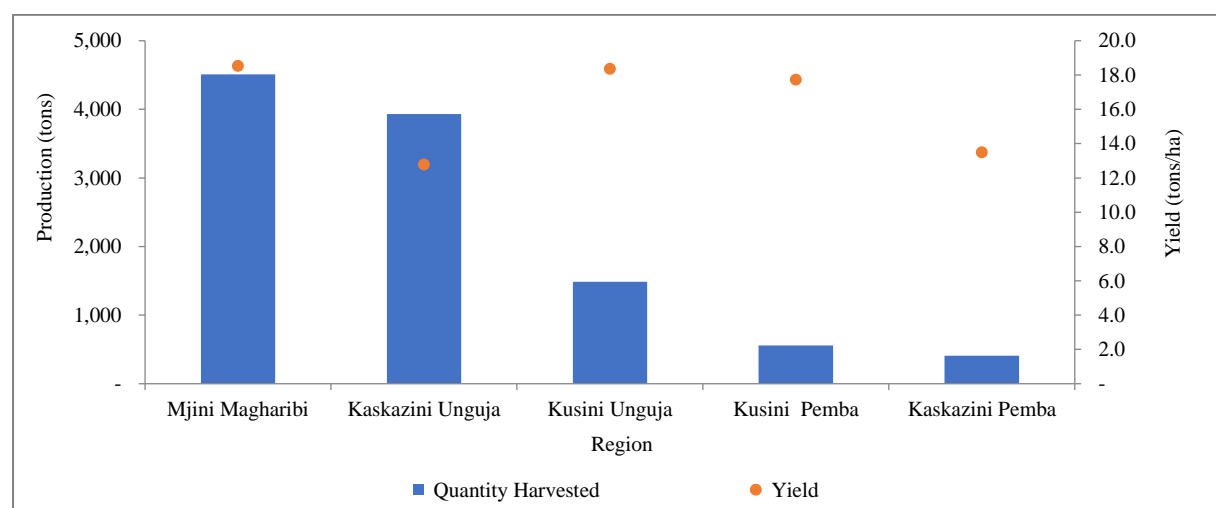
Moreover, results show that, the average productivity of watermelon in Tanzania was 8.1 tons/ha (7.4 tons/ha in Mainland Tanzania and 15.7 tons/ha in Tanzania Zanzibar). In Mainland Tanzania, the highest productivity was in Dar es Salaam region (10.5 tons/ha), followed by Pwani (10.4 tons/ha) and Iringa (9.9 tons/ha). On the other hand, the lowest productivity was in Ruvuma region (0.2 tons/ha) (Figure 3.41 & 3.42).



**Figure 3.41: Quantity Harvested and Yield of Watermelon by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.42: Quantity Harvested and Yield of Watermelon by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.1.5.5 Okra

The 2019/20 NSCA results reveal that, a total of 30,930 households were engaged in growing okra in Tanzania during short rainy season (24,646 households were in Mainland Tanzania and 6,284 households in Tanzania Zanzibar). During long rainy season, a total of 34,966 households were involved in growing okra in Tanzania, of which 32,386 were in Mainland Tanzania and 2,580 in Tanzania Zanzibar.

The total planted area for okra was 12,108 ha, of which 12,072 ha were from smallholder farmers and 36 ha from large scale farms. From the total planted area by smallholder farmers,

10,479 ha was in Mainland Tanzania and 1,593 ha in Tanzania Zanzibar. In Mainland Tanzania, Dar es Salaam region had the largest planted area with okra (6,759 ha; 64.5 percent), followed by Dodoma (663 ha; 6.3 percent) and Pwani (645 ha; 6.2 percent), while Mara region had the least planted area (19 ha; 0.2 percent). In Tanzania Zanzibar, Mjini Magharibi had the largest planted area with okra (913 ha; 57.3 percent), followed by Kaskazini Unguja (307 ha; 19.3 percent) and the least region was Kaskazini Pemba (8 ha 0.5 percent).

The total harvested area with okra was 10,177 ha, of which 9,067 ha was in Mainland Tanzania and 1,110 ha in Tanzania Zanzibar. In Mainland Tanzania, Dar es Salaam region reported the largest harvested area (6,443 ha; 71.1 percent), followed by Tanga (482 ha; 5.3 percent) and Pwani (344 ha; 3.8 percent) and the least harvested area was in Mara (19 ha; 0.2 percent). In Tanzania Zanzibar, Mjini Magharibi had the largest harvested area (643 ha; 58.0 percent), followed by Kaskazini Unguja (267 ha; 24.1 percent), while the least harvested area was Kusini Pemba (71 ha; 6.4 percent). The results also reveal that, a total harvested area with okra was 84.3 percent of the total planted area by smallholder farmers.

Okra production in Tanzania was 44,325 tons, out of which 44,241 tons was produced by smallholder farmers and 84 tons was produced by large scale farmers. From the production of smallholder farmers, 33,228 tons were in Mainland Tanzania and 11,004 tons in Tanzania Zanzibar. In Mainland, Dar es Salaam region (24,041 tons; 72.3 percent) had the highest production, followed by Tanga (2,494 tons; 7.3 percent and yield 4.5 tons/ha) and Pwani (1,192 tons; 3.6 percent). On the other hand, Lindi region had the least production (38 tons; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi led with the production of 9,097 tons (82.7 percent), followed by Kaskazini Unguja with the production of 848 tons (7.7 percent), while the least production was reported in Kusini Pemba region (324 tons; 2.9 percent) (Table 3.8).

Moreover, results show that, the average productivity of okra in Tanzania was 4.3 tons/ha (3.7 tons/ha in Mainland Tanzania and 9.9 tons/ha in Tanzania Zanzibar). In Mainland Tanzania, the highest productivity was in Arusha region (5.8 tons/ha), followed by Tanga (5.2 tons/ha). On the other hand, the lowest productivity was in Singida region (0.8 tons/ha). In Tanzania Zanzibar, Mjini Magharibi had the highest yield of okra (14.1 tons/ha), whereas the lowest yield was reported in Kaskazini Unguja (3.2 tons/ha).

**Table 3.8: Planted and Harvested Area, Quantity and Yield of Okra by Region During 2019/20 Agricultural Year, Tanzania**

Region	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	663	274	914	3.3
Arusha	159	159	913	5.8
Kilimanjaro	136	136	585	4.3
Tanga	568	482	2,494	5.2
Morogoro	243	174	787	4.5
Pwani	645	344	1,192	3.5
Dar es Salaam	6,759	6,443	24,041	3.7
Lindi	86	27	38	1.4
Mtwara	345	285	392	1.4
Ruvuma	-	-	-	-
Iringa	227	209	632	3.0
Mbeya	60	54	96	1.8
Singida	149	125	102	0.8
Tabora	25	25	121	4.8
Rukwa	112	112	334	3.0
Kigoma	-	-	-	-
Shinyanga	67	29	83	2.8
Kagera	-	-	-	-
Mwanza	127	104	117	1.1
Mara	19	19	86	4.6
Manyara	-	-	-	-
Njombe	-	-	-	-
Katavi	-	-	-	-
Simiyu	-	-	-	-
Geita	32	32	154	4.8
Songwe	56	34	155	4.6
<b>Mainland Tanzania</b>	<b>10,479</b>	<b>9,067</b>	<b>33,238</b>	<b>3.7</b>
Kaskazini Unguja	307	267	848	3.2
Kusini Unguja	204	128	734	5.7
Mjini Magharibi	913	643	9,097	14.1
Kaskazini Pemba	8	-	-	-
Kusini Pemba	161	71	324	4.6
<b>Tanzania Zanzibar</b>	<b>1,593</b>	<b>1,110</b>	<b>11,004</b>	<b>9.9</b>
<b>Tanzania</b>	<b>12,072</b>	<b>10,177</b>	<b>44,241</b>	<b>4.3</b>

### 3.1.5.6 Banana

Banana production in Tanzania involved 1,761,560 households, out of which 1,627,578 were in Mainland Tanzania and 133,982 in Tanzania Zanzibar. The total planted area with banana was 343,766 ha, of which 343,501 ha were from smallholder farmers and 265 ha from large scale farms. From the total planted area by smallholder farmers, 313,485 ha were in Mainland Tanzania and 30,016 ha in Tanzania Zanzibar. In Mainland Tanzania, Kagera region had the largest planted area with Banana (137,186 ha; 43.8 percent), followed by Kilimanjaro (40,744 ha; 13.0 percent) and Mbeya (18,611 ha; 5.9 percent). On the other hand, Simiyu region had the least planted area (24 ha; 0.01 percent). In Tanzania Zanzibar, Kusini Pemba region led

with planted area of 12,875 ha (42.9 percent), followed by Mjini Magharibi (5,685 ha; 18.9 percent); while Kusini Unguja had the least planted area (2,856 ha; 9.5 percent).

The total harvested area with banana was 241,798 ha, of which 241,638 ha were from smallholder farmers and 160 ha from large scale farms. From the total harvested area by smallholder farmers, 216,619 ha were in Mainland Tanzania and 25,019 ha in Tanzania Zanzibar. In Mainland Tanzania, Kagera region reported the largest harvested area (102,630 ha; 47.4 percent), followed by Kilimanjaro (34,705 ha; 16.0 percent) and Mbeya (12,528 ha; 5.8 percent) and the least harvested area was in Simiyu (3 ha; 0.001 percent). In Tanzania Zanzibar, Kusini Pemba had the largest harvested area (10,162 ha; 40.6 percent), followed by Mjini Magharibi (5,458 ha; 21.8 percent), while the least harvested area was Kusini Unguja (2,047 ha; 8.2 percent).

Banana production in Tanzania was 2,039,433 tons, out of which 2,037,371 tons was produced by smallholder farmers and 2,062 tons was produced by large scale farmers. Out of the total production by smallholder farmers, 1,949,287 tons were in Mainland Tanzania and 88,085 tons in Tanzania Zanzibar. In Mainland Tanzania, Kagera region had the highest production (1,131,452 tons; 52.9 percent), followed by Kilimanjaro (262,650 tons; 13.5 percent) and Mbeya (127,759 tons; 6.6 percent). On the other hand, Simiyu region had the least production (33 tons; 0.002 percent). In Tanzania Zanzibar, Mjini Magharibi led with the production of 27,069 tons (30.7 percent), followed by Kusini Pemba (26,635 tons; 30.2 percent). On the other hand, Kusini Unguja had the least production (8,646 tons; 9.8 percent) (Table 3.9).

**Table 3.9: Number of Households, Planted and Harvested Area, Quantity Harvested of Banana by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Planted Area with Mono Crop (ha)	Number of Households	Area covered by permanent crop in Mixed Crop (ha)	Total Planted Area (Mono + Mixed Crops) (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	13,067	1,243	7,149	301	1,544	993	7,319
Arusha	22,216	3,671	23,396	4,268	7,940	5,962	32,632
Kilimanjaro	58,947	17,688	100,215	23,056	40,744	34,705	262,650
Tanga	28,817	5,541	68,930	10,493	16,034	12,044	92,701
Morogoro	30,494	4,397	57,154	8,197	12,594	9,571	92,917
Pwani	8,628	1,909	46,902	8,506	10,415	6,726	63,722
Dar es Salaam	94,863	5,399	33,147	2,574	7,973	4,220	28,758
Lindi	8,028	7,181	3,838	1,448	8,629	2,449	19,103
Mtwara	6,062	602	16,624	1,196	1,798	1,650	10,204
Ruvuma	13,185	2,565	45,752	3,932	6,497	3,630	32,606
Iringa	1,909	230	46,295	1,344	1,574	439	6,654
Mbeya	56,032	9,599	74,826	9,012	18,611	12,528	127,759
Singida	14,292	3,176	9,901	181	3,357	184	1,343
Tabora	15,950	645	7,224	115	761	52	436
Rukwa	1,220	270	1,125	132	402	402	1,893
Kigoma	22,382	4,859	100,557	8,966	13,825	11,518	82,912
Shinyanga	7,504	180	1,206	30	210	80	607
Kagera	125,734	50,356	319,284	86,830	137,186	102,630	1,031,452
Mwanza	34,490	2,921	15,678	1,026	3,947	675	12,047
Mara	6,598	1,892	8,504	1,785	3,677	2,350	16,875
Manyara	6,440	524	3,095	218	741	361	2,760
Njombe	8,762	1,790	5,913	135	1,926	977	5,729
Katavi	507	145	252	138	283	90	924
Simiyu	870	24	-	-	24	3	33
Geita	11,959	9,888	19,671	661	10,550	597	3,278
Songwe	6,345	1,107	5,639	1,134	2,242	1,786	11,973
<b>Mainland Tanzania</b>	<b>605,301</b>	<b>137,805</b>	<b>1,022,277</b>	<b>175,680</b>	<b>313,485</b>	<b>216,619</b>	<b>1,949,287</b>
Kaskazini Unguja	13,191	2,108	6,698	919	3,028	2,699	9,504
Kusini Unguja	6,582	1,708	4,689	1,149	2,856	2,047	8,646
Mjini Magharibi	8,814	2,614	15,824	3,071	5,685	5,458	27,069
Kaskazini Pemba	15,370	3,660	7,365	1,913	5,573	4,653	16,230
Kusini Pemba	15,093	3,851	40,356	9,024	12,875	10,162	26,635
<b>Tanzania Zanzibar</b>	<b>59,050</b>	<b>13,941</b>	<b>74,932</b>	<b>16,075</b>	<b>30,016</b>	<b>25,019</b>	<b>88,085</b>
<b>Tanzania</b>	<b>664,351</b>	<b>151,745</b>	<b>1,097,209</b>	<b>191,756</b>	<b>343,501</b>	<b>241,638</b>	<b>2,037,371</b>

### 3.1.5.7 Mango

Mango production in Tanzania involved 658,965 households, of which 631,242 were in Mainland Tanzania and 27,723 in Tanzania Zanzibar. The total planted area with mango was 96,560 ha, of which 95,363 ha were from smallholder farmers and 1,197 ha from large scale farms. Out of the total planted area by smallholder farmers, 91,954 ha were in Mainland Tanzania and 3,409 ha in Tanzania Zanzibar.

In Mainland Tanzania, Ruvuma region had the largest planted area (16,418 ha; 17.9 percent) with Mango, followed by Geita (16,412 ha; 17.8 percent) and Pwani (13,983 ha; 15.2 percent). On the other hand, Manyara region had the least planted area (15 ha; 0.02 percent). In Tanzania Zanzibar, Kusini Pemba led with the planted area of 1,242 ha (36.4 percent), followed by Kusini Unguja (765 ha; 22.4 percent); while Kaskazini Pemba region had the least planted (51 ha; 1.5 percent).

The total harvested area with mango was 32,580 ha, of which 31,845 ha were from smallholder farmers and 735 ha from large scale farms. Out of the total planted area by smallholder farmers, 30,688 ha were in Mainland Tanzania and 1,157 ha in Tanzania Zanzibar. In Mainland Tanzania, Ruvuma region reported the largest harvested area (15,955 ha; 52.0 percent), followed by Dar es Salaam (3,308 ha; 10.8 percent) and Pwani (2,923 ha; 9.5 percent) and the least harvested area was in Songwe (0.4 ha; 0.01 percent). In Tanzania Zanzibar, Kusini Unguja had the largest harvested area (427 ha; 36.9 percent), followed by Mjini Magharibi (5258 ha; 22.2 percent), while the least harvested area was Kaskazini Pemba (26 ha; 2.6 percent).

Mango production in Tanzania was 526,518 tons, out of which 525,142 tons was produced by smallholder farmers and 1,376 tons was produced by large scale farms. Out of the total production by smallholder farmers, 507,829 tons were in Mainland Tanzania and 17,313 tons in Tanzania Zanzibar. In Mainland Tanzania, Ruvuma region (283,879 tons; 55.9 percent) had the highest production, followed by Dar es Salaam (58,671 tons; 11.6 percent) and Pwani (47,949 tons; 9.4 percent). On the other hand, Songwe region had the least production of mango (6 tons; 0.001 percent). In Tanzania Zanzibar, Kusini Unguja led with the production of 6,754 tons (39.0 percent), followed by Mjini Magharibi (4,387 tons; 25.3 percent), while Kaskazini Pemba had least production of 466 tons (2.7 percent) (Table 3.10).

**Table 3.10: Number of Households, Planted and Harvested Area, Quantity Harvested of Mango by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	2,890	1,161	12,390	364	342	2,068
Arusha	3,983	66	4,693	93	68	1,030
Kilimanjaro	2,569	84	2,920	13	18	326
Tanga	6,978	1,497	23,277	3,794	2,027	28,380
Morogoro	17,973	490	44,016	2,997	371	6,123
Pwani	3,777	3,978	43,525	10,005	2,923	47,949
Dar es Salaam	46,495	4,699	22,174	3,510	3,308	58,671
Lindi	5,935	6,280	1,310	252	494	7,749
Mtwara	1,993	144	10,321	736	558	9,325
Ruvuma	667	59	12,669	16,359	15,955	283,879
Iringa	2,128	6	18,785	76	20	368
Mbeya	12,217	8,252	25,757	1,429	1,314	15,882
Singida	21,542	1,058	19,898	1,119	46	173
Tabora	13,790	868	11,700	685	712	15,579
Rukwa	960	381	-	-	91	1,627
Kigoma	3,863	76	29,012	311	288	5,129
Shinyanga	15,331	844	1,525	91	511	2,340
Kagera	11,157	50	62,685	147	28	495
Mwanza	46,506	2,735	19,690	250	817	9,504
Mara	942	75	2,068	172	187	2,945
Manyara	1,027	15	-	-	-	-
Njombe	1,208	107	425	0	11	204
Katavi	78	16	260	55	16	556
Simiyu	885	38	214	86	10	183
Geita	9,555	15,862	20,780	550	572	7,336
Songwe	4,252	16	2,447	4	0	6
<b>Mainland Tanzania</b>	<b>238,701</b>	<b>48,859</b>	<b>392,541</b>	<b>43,096</b>	<b>30,688</b>	<b>507,829</b>
Kaskazini Unguja	952	316	3,980	432	244	2,599
Kusini Unguja	494	76	3,774	689	427	6,754
Mjini Magharibi	48	2	6,434	601	258	4,387
Kaskazini Pemba	119	5	491	47	26	466
Kusini Pemba	858	180	10,573	1,062	202	3,108
<b>Tanzania Zanzibar</b>	<b>2,471</b>	<b>579</b>	<b>25,252</b>	<b>2,830</b>	<b>1,157</b>	<b>17,313</b>
<b>Tanzania</b>	<b>241,172</b>	<b>49,438</b>	<b>417,793</b>	<b>45,926</b>	<b>31,845</b>	<b>525,142</b>

### 3.1.5.8 Orange

Orange production in Tanzania involved 241,205 households out of which 228,406 households were in Mainland Tanzania and 12,799 in Tanzania Zanzibar. The total planted area with orange was 48,173 ha, of which 47,807 ha were from smallholder farmers and 366 ha from large scale farms. Out of the total planted area by smallholder farmers, 46,454 ha were in Mainland Tanzania and 1,353 ha in Tanzania Zanzibar. In Mainland Tanzania, Tanga region had the largest planted area with Orange (23,827 ha; 51.3 percent), followed by Pwani (8,765 ha; 18.9 percent) and Lindi (4,540 ha; 9.8 percent). On the other hand, Rukwa region had the least planted area (0.4 ha; 0.001 percent). In Tanzania Zanzibar, Kusini Pemba led with the planted area of 411 ha (30.4 percent), followed by Mjini Magharibi with the planted area of 406 ha (30.0 percent). Kaskazini Pemba had the least planted area with orange (3 ha; 0.2 percent).

The total harvested area with orange was 25,697 ha, of which 25,397 ha were from smallholder farmers and 300 ha from large scale farms. Out of the total harvested area by smallholder farmers, 24,627 ha were in Mainland Tanzania and 770 ha in Tanzania Zanzibar. In Mainland Tanzania, Tanga region reported the largest harvested area (16,289 ha; 66.1 percent), followed by Pwani (3,703 ha; 15.0 percent) and Mtwara (1,008 ha; 4.1 percent) and the least harvested area was in Shinyanga (0.4 ha; 0.02 percent). In Tanzania Zanzibar, Mjini Magharibi had the largest harvested area (355 ha; 46.1 percent), followed by Kusini Unguja (260 ha; 33.7 percent), while the least harvested area was Kaskazini Unguja (63 ha; 8.2 percent).

Orange production in Tanzania was 162,691 tons, out of which 159,727 tons was produced by smallholder farmers and 2,964 tons was produced by large scale farms. Out of the total production by smallholder farmers, 151,769 tons were in Mainland Tanzania and 7,958 tons in Tanzania Zanzibar. In Mainland Tanzania, Tanga region had the highest production (117,582 tons; 77.5 percent), followed by Pwani (17,332 tons; 11.4 percent) and Mtwara (8,066 tons; 5.3 percent). On the other hand, Manyara region had the least production (4 tons; 0.002 percent). In Tanzania Zanzibar, Mjini Magharibi led with the production of 3,614 tons (45.4 percent), followed by Kusini Unguja (2,796 tons; 37.2 percent), while Kaskazini Unguja had the least production (639 tons; 8.0 percent) (Table 3.11).



**Table 3.11: Number of Households, Planted and Harvested Area, Quantity Harvested of Oranges by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Planted Area with Mono Crop (ha)	Number of Households	Area covered by permanent crop in Mixed Crop (ha)	Total Planted Area (Mono + Mixed Crops) (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	575	1	1,250	2	2	1	23
Arusha	1,398	2	3,170	70	72	30	81
Kilimanjaro	634	-	1,410	519	519	82	508
Tanga	11,320	13,182	20,036	10,645	23,827	16,289	117,582
Morogoro	2,894	153	9,888	1,203	1,356	1,000	1,623
Pwani	3,564	1,227	24,332	7,538	8,765	3,703	17,332
Dar es Salaam	11,913	892	7,719	387	1,279	262	795
Lindi	3,102	3,730	1,966	811	4,540	567	1,087
Mtwara	2,421	218	17,231	1,208	1,426	1,008	8,066
Ruvuma	-	-	1,922	152	152	121	242
Iringa	1,971	4	2,631	4	8	2	42
Mbeya	2,538	19	8,345	1,176	1,195	912	1,092
Singida	1,215	1	3,829	2	3	*	6
Tabora	5,150	147	2,802	8	155	40	79
Rukwa	243	0	-	-	0	-	-
Kigoma	903	1	9,118	389	390	3	77
Shinyanga	2,629	165	469	0	165	0	20
Kagera	3,085	38	8,579	6	45	1	46
Mwanza	24,917	1,030	10,885	130	1,159	489	2,436
Mara	375	49	1,120	95	144	74	408
Manyara	93	4	164	3	7	4	4
Njombe	287	2	495	23	25	2	99
Katavi	121	12	-	-	12	-	-
Simiyu	40	-	-	-	-	-	-
Geita	2,888	1,168	5,709	38	1,205	35	123
Songwe	1,060	1	-	-	1	-	-
<b>Mainland Tanzania</b>	<b>85,336</b>	<b>22,046</b>	<b>143,070</b>	<b>24,408</b>	<b>46,454</b>	<b>24,627</b>	<b>151,769</b>
Kaskazini Unguja	539	91	1,271	58	149	63	639
Kusini Unguja	560	66	2,280	318	384	260	2,799
Mjini Magharibi	-	-	4,446	406	406	355	3,614
Kaskazini Pemba	-	-	78	3	3	-	-
Kusini Pemba	-	-	3,625	411	411	92	907
<b>Tanzania Zanzibar</b>	<b>1,099</b>	<b>156</b>	<b>11,700</b>	<b>1,197</b>	<b>1,353</b>	<b>770</b>	<b>7,958</b>
<b>Tanzania</b>	<b>86,435</b>	<b>22,202</b>	<b>154,770</b>	<b>25,605</b>	<b>47,808</b>	<b>25,397</b>	<b>159,728</b>

### 3.1.5.9 Pineapple

Pineapple production in Tanzania involved 53,939 households out of which 46,463 households were in Mainland Tanzania and 7,476 in Tanzania Zanzibar. The total planted area with pineapple was 24,601 ha, of which 24,033 ha were from smallholder farmers and 568 ha from large scale farms. Out of the total planted area by smallholder farmers, 22,976 ha were in Mainland Tanzania and 1,057 ha in Tanzania Zanzibar.

In Mainland Tanzania, Pwani region had the largest planted area with pineapple (13,103 ha; 57.0 percent), followed by Dar es Salaam (4,553 ha; 19.8 percent) and Kagera (1,087 ha; 4.7 percent). On the other hand, Iringa region had the least planted area of 0.4 ha (0.002 percent). In Tanzania Zanzibar, Kusini Pemba led with the planted area of 338 ha (32.0 percent), followed by Kaskazini Unguja (274 ha; 25.9 percent), while Kusini Unguja had the least planted area with pineapple (70 ha; 6.6 percent).

The total harvested area with pineapple was 11,631 ha, of which 11,223 ha were from smallholder farmers and 408 ha from large scale farms. Out of the total harvested area by smallholder farmers, 10,751 ha were in Mainland Tanzania and 472 ha in Tanzania Zanzibar. In Mainland Tanzania, Pwani region reported the largest harvested area (8,211 ha; 76.4 percent), followed by Dar es Salaam (1,432 ha; 13.3 percent) and Tanga (212 ha; 2.0 percent), while the least harvested area was in Iringa (0.4 ha; 0.04 percent). In Tanzania Zanzibar, Mjini Magharibi had the largest harvested area (189 ha; 39.9 percent), followed by Kusini Pemba (126 ha; 26.6 percent), while the least harvested area was Kaskazini Pemba (18 ha; 3.9 percent).

Pineapple production in Tanzania was 114,263 tons, out of which 111,299 tons was produced by smallholder farmers and 2,964 tons was produced by large scale farms. Out of the total production by smallholder farmers, 95,710 tons were in Mainland Tanzania and 15,589 tons in Tanzania Zanzibar. In Mainland Tanzania, Pwani region had the highest production (90,687 tons; 94.8 percent), followed by Dar es Salaam (2,831 tons; 3.0 percent) and Geita (568 tons; 0.6 percent). On the other hand, Iringa region had a least production (4 tons; 0.004 percent). In Tanzania Zanzibar, Mjini Magharibi led with the production of 6,177 tons (39.6 percent), followed by Kaskazini Unguja (3,827 tons; 24.6 percent), while Kusini Unguja had the least production (780 tons; 5.0 percent) (Table 3.12).

**Table 3.12: Agricultural Households, Planted and Harvested Area, Quantity Harvested of Pineapple by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Planted Area with Mono Crop (ha)	Number of Households	Area Covered by Permanent Crop in Mixed Crop (ha)	Total Planted Area (Mono + Mixed Crops) (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	210	21	-	-	21	-	-
Arusha	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-
Tanga	-	-	1,639	346	346	212	246
Morogoro	964	385	1,581	199	584	138	114
Pwani	5,813	2,972	13,270	10,131	13,103	8,211	90,687
Dar es Salaam	2,895	3,121	708	1,432	4,553	1,432	2,831
Lindi	786	968	-	-	968	35	35
Mtwara	853	172	1,324	229	401	210	271
Ruvuma	515	333	802	74	407	27	88
Iringa	-	-	472	0	0	0	4
Mbeya	253	2	253	2	3	-	-
Singida	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-
Kigoma	-	-	2,884	37	37	2	119
Shinyanga	-	-	-	-	-	-	-
Kagera	2,594	964	5,249	124	1,087	113	283
Mwanza	1,621	633	-	-	633	94	465
Mara	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-
Njombe	407	41	-	-	41	-	-
Katavi	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-
Geita	1,143	699	227	92	790	276	568
Songwe	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>18,054</b>	<b>10,310</b>	<b>28,409</b>	<b>12,666</b>	<b>22,976</b>	<b>10,751</b>	<b>95,710</b>
Kaskazini Unguja	747	134	565	140	274	115	3,827
Kusini Unguja	125	20	434	50	70	25	780
Mjini Magharibi	-	-	2,292	226	226	189	6,177
Kaskazini Pemba	272	110	179	40	150	18	1,157
Kusini Pemba	302	29	2,560	310	338	126	3,648
<b>Tanzania Zanzibar</b>	<b>1,446</b>	<b>293</b>	<b>6,030</b>	<b>765</b>	<b>1,057</b>	<b>472</b>	<b>15,589</b>
<b>Tanzania</b>	<b>19,500</b>	<b>10,603</b>	<b>34,439</b>	<b>13,431</b>	<b>24,034</b>	<b>11,223</b>	<b>111,299</b>

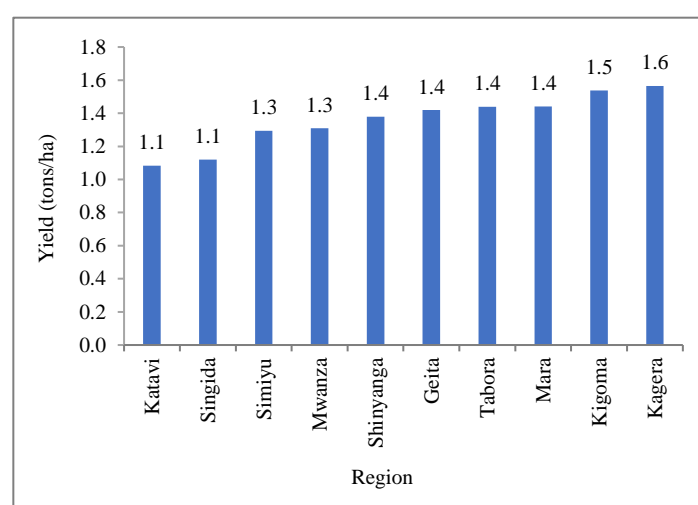
### 3.1.6 Cash Crops

This section presents the results of major annual and permanent cash crops. Annual cash crops were cotton and tobacco while permanent were coffee, cashewnuts, coconuts, sisal, tea, clove and sugarcane. Moreover, cash crops results presented hereunder are number of agricultural households, planted area, harvested area, quantity harvested, yield and holding size.

#### 3.1.6.1 Cotton

Cotton is amongst the most popular and major cash crops in Tanzania and it was grown in Mainland Tanzania only. A total of 120,918 households were engaged in growing cotton in Tanzania during short rainy season and 152,190 households during long rainy season. The total area planted with cotton was 314,601 ha out of which, 313,370 ha was from smallholder farmers and 1,231 ha from large scale farms. Furthermore, 119,310 ha were planted during the short rainy season (37.9

**Figure 3.43: Productivity of Cotton by Major Producing Region During 2019/20 Agricultural Year, Mainland Tanzania**



percent) and 195,291 ha in the long rainy season (62.1 percent). From smallholder farmers, Simiyu region had the largest planted area with cotton (152,979 ha; 48.8 percent), followed by Shinyanga (43,601 ha; 13.9 percent) and Geita (32,185 ha; 10.3 percent). Kigoma region had the least planted area (1,711 ha; 0.5 percent).

A total of 246,534 ha (78.7 percent of the total planted area with cotton) was harvested. Simiyu Region with 126,518 ha (51.3 percent) had the largest area of cotton harvested, followed by Shinyanga (31,856 ha; 12.9 percent) and Tabora (26,391 ha; 10.7 percent), while the least harvested area (1,473 ha; 0.6 percent) was in Kigoma region.

The total production for cotton was 331,524 tons (330,845 tons from smallholder farmers and 679 tons from large scale farms). Simiyu region had the highest production (163,729 tons; 49.5 percent) of cotton, followed by Shinyanga (43,914 tons; 13.3 percent) and Tabora (37,993 tons; 11.5 percent). The lowest production was recorded in Kigoma (2,263; 0.7 percent).

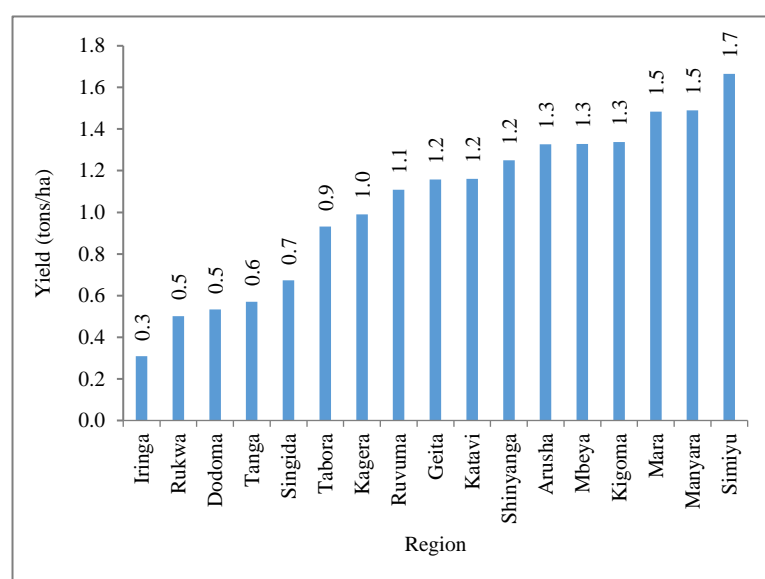
Moreover, results show that, the average productivity of cotton in Tanzania was 1.3 tons/ha. The highest productivity was in Kagera region (1.6 tons/ha), followed by Kigoma (1.5 tons/ha). On the other hand, the lowest productivity was in Singida and Katavi regions (1.1 tons/ha each) (Figure 3.43).

### 3.1.6.2 Tobacco

Tobacco was planted only in 17 regions of Mainland in both short and long rainy seasons. The total area planted with tobacco was 54,685 ha (54,524 ha were from smallholder farmers and 161 ha from large scale farms). Out of the total planted area by smallholder farmers, 5,958 ha were planted during the short rainy season and 48,566 ha in the long rainy season. From smallholder farmers, Tabora region (24,371 ha; 44.7 percent) had the largest area planted with tobacco, followed by Mbeya (12,828 ha; 23.5 percent) and Shinyanga (4,527 ha; 8.3 percent), while Rukwa region had the least planted area (5 ha; 0.01 percent).

A total of 52,794 ha which accounted for 96.8 percent of the total planted area with tobacco was harvested. Tabora region with 23,697 ha (44.9 percent) had the largest area of tobacco harvested, followed by Mbeya (12,828 ha; 24.3 percent) and Shinyanga (4,486 ha; 8.5 percent), whereas Rukwa region had the least harvested area (5 ha; 0.01 percent).

**Figure 3.44: Productivity of Tobacco by Major Producing Regions During 2019/20 Agricultural Year, Mainland Tanzania**



The total production for tobacco was 58,257 tons (58,104 tons from smallholder farmers and 153 tons from large scale farms). From the total production by smallholder farmers, Tabora Region had the highest production (22,403 tons; 38.6 percent) of tobacco, followed by Mbeya (16,635 tons; 28.6 percent) and Shinyanga (5,603 tons; 9.6 percent), while the lowest production was recorded in Rukwa (3 tons; 0.01 Percent).

Further results reveal that, the average yield of tobacco in Tanzania was 1.1 tons/ha. Simiyu region had the largest yield (1.7 tons/ha), followed by Mara and Kigoma (1.5 tons/ha each), while the least yield was in Iringa region (0.3 tons/ha) (Figure 3.44).

### 3.1.6.3 Coffee

Coffee is one of the major cash crops grown in Tanzania and was grown in 15 regions of Mainland Tanzania. There were 465,216 smallholder households and 42 large scale farms involved in production of coffee. The total area planted with coffee was 159,280 ha (151,408 ha from smallholder farmers and 7,872 ha from large scale farms) whereby 125,289 ha were harvested (117,535 ha from smallholder farmers and 7,754 ha from large scale farms). The total production of coffee was 116,568 tons, of which 75,323 tons from smallholder farmers and 41,245 tons from large scale farms.

The Census results further reveal that, from smallholder farmers, Kagera region had the largest area (78,307 ha; 51.7 percent) planted with coffee with production of 44,915 tons (59.6 percent of the smallholder farmers production) from 64,473 ha harvested, followed by Ruvuma with planted area of 35,893 ha (23.7 percent) and produced 11,355 tons (15.5 percent), and Songwe with planted 13,110 ha (8.7 percent) and production of 7,176 tons (9.5 percent) (Table 3.13).

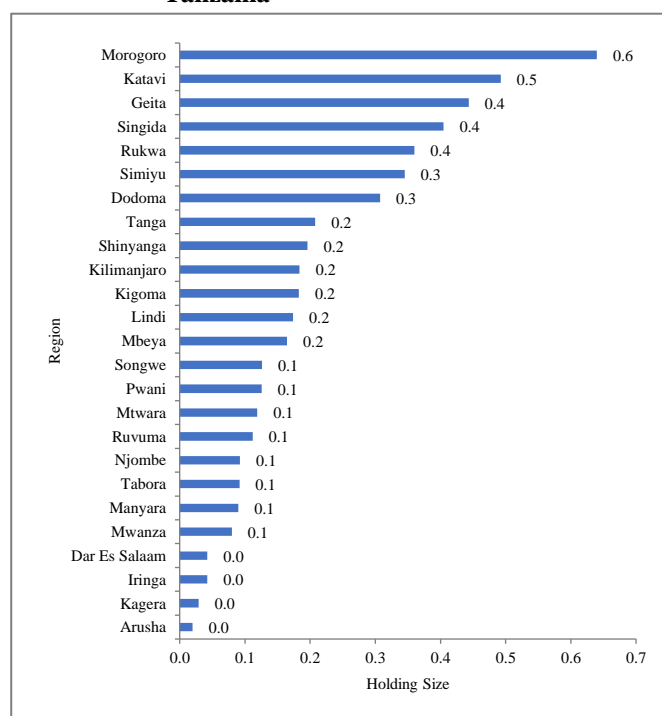
**Table 3.13: Number of Households, Area Planted, Area Harvested, Production and Yield of Coffee from Smallholder Farmers by Region, 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Area Planted (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Arusha	3,399	839	274	85
Kilimanjaro	35,253	5,673	3,103	1,003
Tanga	8,630	2,312	2,029	680
Morogoro	2,618	1,244	469	47
Dar es Salaam	6,342	1,412	969	1,192
Ruvuma	61,953	35,893	28,025	11,421
Iringa	915	5	-	-
Mbeya	22,164	7,671	5,598	6,995
Kigoma	20,195	3,010	1,927	1,306
Kagera	273,252	78,307	64,465	44,915
Mwanza	416	321	52	26
Mara	2,790	969	353	252
Manyara	93	38	38	9
Njombe	1,190	461	387	195
Katavi	281	143	107	21
Songwe	25,583	13,110	9,738	7,176
<b>Mainland Tanzania</b>	<b>465,074</b>	<b>151,408</b>	<b>117,534</b>	<b>75,323</b>

### 3.1.6.4 Sugarcane

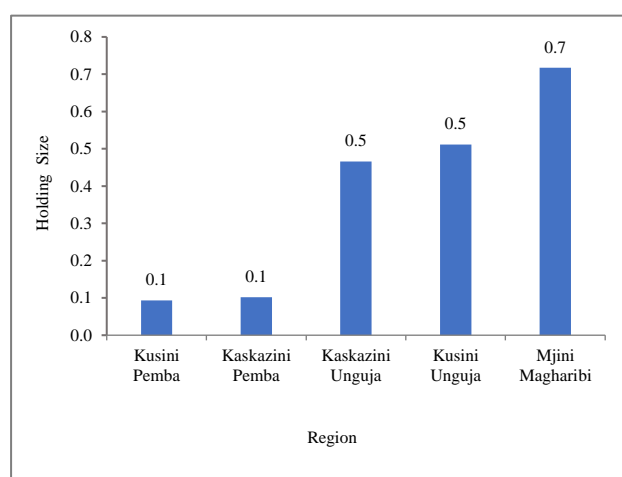
Census results show that, there were 125,903 households engaged in growing sugarcane in the country whereby Mainland Tanzania had 123,146 households and 2,757 households in Tanzania Zanzibar. The total area planted with sugarcane was 29,804 ha, out of which Mainland Tanzania had 27,167 ha (23,829 ha from smallholder farmers and 3,338 ha from large scale farms) and Tanzania Zanzibar had 2,637 ha (1,008 ha from smallholder farmers and 1,629 ha from large scale farms). The total area harvested was 6,938 ha, out of which 4,361 ha were from smallholder farmers and 2,577 ha from large scale farms.

**Figure 3.45: Average Planted Area with Sugarcane per Household by Region During 2019/20 Agricultural Year, Mainland Tanzania**



The total sugarcane production in Tanzania was 265,482 tons with 193,763 tons from Mainland Tanzania (98,840 tons from smallholder farmers; 94,923 from large scale farms) and 71,719 tons from Tanzania Zanzibar (12,313 tons were from smallholder farmers and 59,406 tons from large scale farms).

**Figure 3.46: Average Planted Area with Sugarcane per Household by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



From smallholder farmers, the largest average planted area per household (0.6 ha) was in Morogoro region, followed by Katavi

(0.5 ha). Furthermore, in Mainland Tanzania, Morogoro region had the largest sugarcane planted area (8,069 ha; 33.9 percent) with a production of 19,986 tons (20.2 percent) from 681 ha harvested. Focusing on production, it was followed by Mwanza with a planted area of 463 ha (1.9 percent) and produced 14,440 tons (14.6 percent) from 252 ha harvested, and Tanga region with a planted area of 2,738 ha (11.5 percent) and produced 13,957 tons (14.1 percent)

from a harvested area of 714 ha. In Tanzania Zanzibar, Kaskazini Unguja region had the largest sugarcane planted area (381 ha; 37.8 percent) with a production of 1,963 tons (15.9 percent) from 104 ha harvested. Focusing on production, it was followed by Mjini Magharibi with a planted area of 248 ha (24.6 percent) and produced 4,812 tons (39.1 percent) from 244 ha harvested and Kusini Unguja region with a planted area of 279 ha (27.7 percent) and produced 4,569 tons (37.1 percent) from a harvested area of 243 ha (Figure 3.45 & 3.46).

### **3.1.6.5 Cashewnuts**

The 2019/20 Census results show that, there were 667,437 households engaged in growing cashewnuts in the country whereby Mainland Tanzania had 666,938 households and Tanzania Zanzibar had 499 households. The total area planted with cashewnuts was 811,733 ha out of which Mainland Tanzania had 811,673 ha (808,083 ha from smallholder farmers and 3,590 ha from large scale farms) and Tanzania Zanzibar had 59 ha from smallholder farmers and none came from large scale farms.

The total cashewnuts production in Tanzania was 391,119 tons out of which Mainland Tanzania had 391,110 tons (390,403 tons from smallholder farmers; 707 tons from large scale farms) and Tanzania Zanzibar had 9 tons from smallholder farmers and none came from large scale farms. The total area harvested from smallholder farmers was 560,728 ha out of which, 560,702 ha was in Mainland Tanzania and 26 ha in Tanzania Zanzibar.

In Mainland Tanzania, from smallholder farmers, Mtwara region had the largest cashewnuts planted area (349,170 ha; 43.2 percent) and produced 201,411 tons (51.6 percent) from 294,919 ha harvested. It was followed by Lindi with a planted area of 243,609 ha (30.1 percent) and produced 106,686 tons (27.3 percent) from 150,018 ha harvested and Ruvuma region with a planted area of 98,497 ha (12.2 percent) and produced 38,877 tons (10.0 percent) from a harvested area of 61,101 ha (10.9 percent). The results presented exclude regions that did not plant cashewnut (Table 3.14).



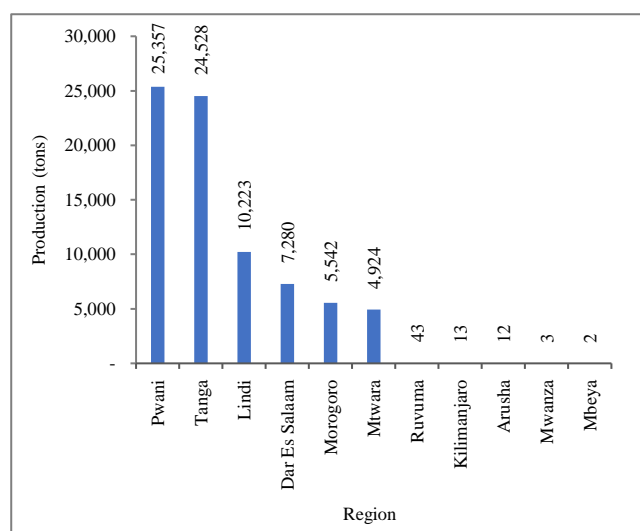
**Table 3.14: Number of Households, Area Planted and Harvested and Production of Cashewnuts by Region, 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Area Planted (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	7,181	8,174	-	-
Tanga	21,152	14,311	3,654	3,157
Morogoro	2,454	754	-	-
Pwani	70,697	61,815	39,074	30,171
Dar es Salaam	32,459	18,658	11,526	9,858
Lindi	168,877	243,609	150,018	106,686
Mtwara	302,870	349,170	294,919	201,411
Ruvuma	48,328	98,497	61,101	38,877
Iringa	204	356	286	207
Mbeya	1,725	1,119	-	-
Singida	5,133	4,826	-	-
Tabora	169	17	-	-
Kigoma	1,947	2,779	-	-
Mwanza	395	2	-	-
Njombe	1,863	2,193	124	37
Katavi	924	897	-	-
Geita	279	338	-	-
Songwe	281	569	-	-
<b>Mainland Tanzania</b>	<b>666,938</b>	<b>808,083</b>	<b>560,702</b>	<b>390,404</b>
Kaskazini Unguja	108	-	-	-
Kusini Pemba	391	59	26	9
<b>Tanzania Zanzibar</b>	<b>499</b>	<b>59</b>	<b>26</b>	<b>9</b>
<b>Tanzania</b>	<b>667,437</b>	<b>808,143</b>	<b>560,728</b>	<b>390,413</b>

### 3.1.6.6 Coconut

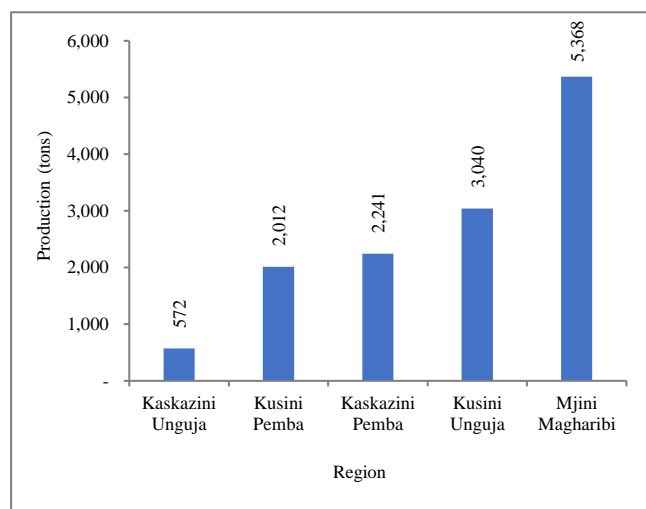
Coconut is one of the popular oily cash crops grown in Mainland Tanzania and Tanzania Zanzibar. There were 261,033 households (220,398 households in Mainland Tanzania and 40,635 in Tanzania Zanzibar) engaged in production of coconut. The total area planted with coconut was 83,409 ha, of which Mainland Tanzania had 75,730 ha (72,626 ha from smallholder farmers and 3,104 ha from large scale farms) and Tanzania Zanzibar had 7,679 ha (7,607 ha from smallholder farmers and 72 ha from large scale farms).

**Figure 3.47: Production of Coconut by Region During 2019/20 Agricultural Year, Mainland Tanzania**



A total production of 91,339 tons was harvested out of which, Mainland Tanzania had 78,063 tons (77,926 tons from smallholder farmers; 137 tons from large scale farms) and Tanzania Zanzibar had 13,276 tons (13,233 tons from smallholder farmers; 43 tons from large scale farms). However, from smallholder farmers a total of 49,221 ha was harvested which accounted for 61.3 percent of the planted area.

**Figure 3.48: Production of Coconut by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



The Census results further show that, from smallholder farmers, Tanga region had the largest area planted with coconut (21,085 ha; 29.0 percent) with a production of 24,528 tons (31.5 percent) from 15,329 ha harvested, followed by Pwani with planted area of 18,885 ha (23.5 percent) and produced 25,357 tons (32.5 percent), and Lindi region with planted area of 15,150 ha (18.9 percent) and production of 10,223 tons (13.1 percent). In Tanzania Zanzibar, Mjini Magharibi region had the largest coconut planted area (2,385 ha; 31.4 percent) with a production of 5,368 tons (40.6 percent) from 2,209 ha harvested. Focusing on production, it was followed by Kusini Unguja with a planted area of 1,236 ha (16.3 percent) and produced 3,040 tons (23.0 percent) from 714 ha harvested (Figure 3.47 & 3.48).

### 3.1.6.7 Sisal

Sisal was grown in only six regions of Mainland Tanzania and none was grown in Tanzania Zanzibar. A total of 10,302 households were engaged in growing sisal. The total area of 72,176 ha was planted with sisal, out of which 8,958 ha were from smallholder farmers and 63,218 ha from large scale farms. A total area of 44,517 ha was harvested, out of which 6,561 ha from smallholder farmers and 37,956 ha from large scale farms, resulted to a total production of 613,457 tons (33,223 tons smallholder farmers and 580,234 tons from large scale farms). Further results show that, from smallholder farmers, Tanga region had the highest production of sisal (33,165 tons; 99.8 percent) (Table 3.15).

**Table 3.15: Number of Households, Area Planted and Harvested and Production of Sisal by Region, 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Area Planted (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Arusha	1,174	163	5	3
Tanga	3,658	8,308	6,517	33,165
Morogoro	188	76	-	-
Singida	294	30	-	-
Kigoma	522	157	-	-
Kagera	3,255	104	39	51
Simiyu	253	102	-	-
Geita	958	18	-	3
<b>Mainland Tanzania</b>	<b>10,302</b>	<b>8,958</b>	<b>6,561</b>	<b>33,222</b>
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>10,302</b>	<b>8,958</b>	<b>6,561</b>	<b>33,222</b>

### 3.1.6.8 Tea

Census results reveal that, there were 18,661 households engaged in growing Tea in the country and all households were from Mainland Tanzania, none from Tanzania Zanzibar. Tea was grown in only 6 regions of Mainland Tanzania. The total area planted with tea was 15,119 ha of which, 7,246 ha was from smallholder farmers and 7,873 from large scale farms. From smallholder farmers, Tanga region had the largest area planted (3,274 ha; 45.2 percent) with tea, followed by Mbeya (1,809 ha; 25.0 percent) and Iringa (913 ha; 12.6 percent). The total area harvested with tea was 13,375 ha of which, 5,621 ha was from smallholder farmers and 7,754 from large scale farms. A total of 5,621 ha harvested from smallholder farmers accounted for 77.6 percent of the total planted area with tea. Tanga region had the largest area of tea harvested 2,269 ha (40.4 percent), followed by Mbeya (1,682 ha; 29.9 percent) and Iringa (862 ha; 15.3 percent).

The total production for tea was 66,540 tons, out of which 25,295 tons were from smallholder farmers and 41,245 tons from large scale farms. From smallholder farmers, Mbeya region had the highest production of tea (9,876 tons; 39.0 percent), followed by Tanga (9,474 tons; 37.5 percent) and Iringa (3,014 tons; 11.9 percent) while the lowest production was recorded in Morogoro (1 ton; 0.01 percent) (Table 3.16).

**Table 3.16: Number of Households, Area Planted and Harvested, Production and Yield of Tea by Region During 2019/20 Agricultural Year, Mainland Tanzania**

Region	Number of Households	Area Planted (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Tanga	8,496	3,274	2,269	9,474
Morogoro	245	198	198	1
Iringa	749	913	862	3,014
Mbeya	6,796	1,809	1,682	9,876
Kagera	338	17	17	30
Njombe	2,037	1,036	593	2,900
<b>Mainland Tanzania</b>	<b>18,661</b>	<b>7,246</b>	<b>5,621</b>	<b>25,295</b>

### 3.1.6.9 Clove

Clove was grown in only two regions of Mainland Tanzania and in all five regions of Tanzania Zanzibar. A total of 36,480 households, were engaged in the production of clove out of which, 11,383 households were in Mainland Tanzania and 25,097 households in Tanzania Zanzibar.

The total area planted with clove was 12,263 ha out of which, 11,583 ha was from smallholder farmers (94.5 percent) and 680 ha from large scale farms (5.5 percent). From smallholder farmers, Morogoro Region had the largest area planted with clove (1,513 ha; 55.0 percent) compared to Tanga (1,240 ha; 45.0 percent). A total of 3,526 ha (30.4 percent of the total planted area with clove) was harvested, out of which 1,217 ha were in Mainland Tanzania and 2,308 ha in Zanzibar. Morogoro region had the largest harvested area of clove with 641 ha (52.7 percent) compared to Tanga (575 ha; 47.3 percent).

In Tanzania Zanzibar, Kusini Pemba region had the largest harvested area of clove with 1,607 ha (69.6 percent), followed by Kaskazini Pemba (295 ha; 12.8 percent), while Kusini Unguja had the least harvested area (28 ha; 1.2 percent).

The total production for clove was 3,364 tons out of which, 3,281 tons were from smallholder farmers and 83 tons from large scale farms. In Mainland Tanzania, Morogoro region (575 tons; 62.1 percent) had the highest production of clove, followed by Tanga (351 tons; 37.9 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest production of clove (1,086 tons; 46.1 percent), followed by Kaskazini Pemba (653 tons; 27.8 percent), while the least production was in Kaskazini Unguja (114 tons; 4.8 percent) (Table 3.17).

**Table 3.17: Number of Households, Planted and Harvested Area, Quantity Harvested of Cloves by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households	Area Planted (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Tanga	6,261	1,240	575	351
Morogoro	5,122	1,513	641	575
<b>Mainland Tanzania</b>	<b>11,383</b>	<b>2,753</b>	<b>1,216</b>	<b>926</b>
Kaskazini Unguja	2,041	509	176	114
Kusini Unguja	642	87	28	116
Mjini Magharibi	3,321	778	204	385
Kaskazini Pemba	1,451	676	295	653
Kusini Pemba	17,642	6,778	1,607	1,086
<b>Tanzania Zanzibar</b>	<b>25,097</b>	<b>8,830</b>	<b>2,310</b>	<b>2,355</b>
<b>Tanzania</b>	<b>36,480</b>	<b>11,583</b>	<b>3,526</b>	<b>3,281</b>

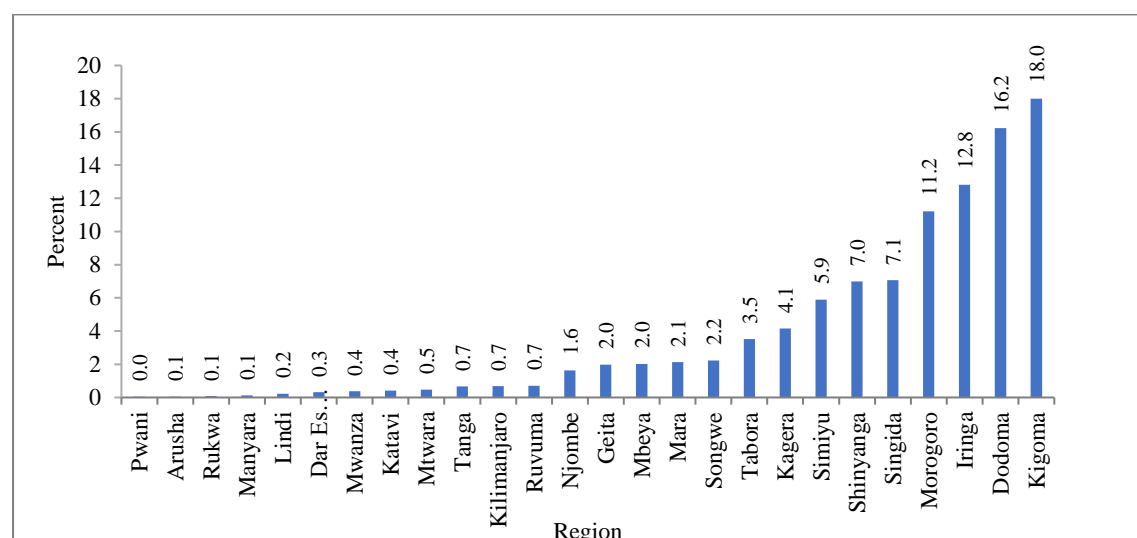
## 3.2 Agro-Processing

This section presents the number of agricultural households by their main products and where did they sell their products across different regions of Tanzania during the 2019/20 agricultural year. The Agro-processing of agricultural crops discussed in this section referred to the crops harvested on the farm and converted into consumable forms by households so as to increase their values for market. During the 2019/20 agricultural year, the main crop products produced from agro-processing by the smallholders were flour/meal, grain, oil, juice, fiber, pulp and others. major places which were used by households to sell their products were neighbours, local market/trade store, secondary market, cooperatives, farmers association, large scale farms, at farm and other places. however, some of the smallholders did not sell their products.

### 3.2.1 Households Involved in Agro-processing

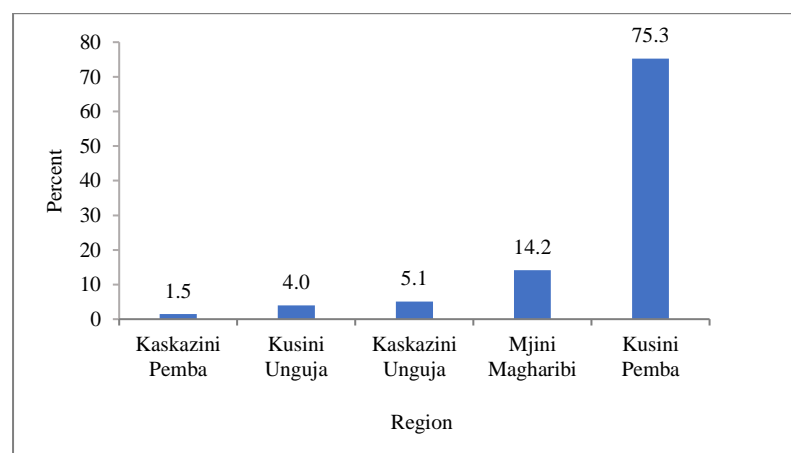
A total number of agricultural households reported to process their crops was 1,029,125 out of which 1,008,130 were in Mainland Tanzania and 20,995 in Tanzania Zanzibar. In Mainland Tanzania, Kigoma region had the largest number of agricultural households (181,410; 18.0 percent) which processed different crops, followed by Dodoma (163,535; 16.2 percent) and Iringa region (129,209; 12.8 percent).

**Figure 3.49: Percentage of Agricultural Households Reported to Process Different Crops by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, Kusini Pemba region had the largest number of agricultural households (15,801; 75.3 percent) that processed crops, followed by Mjini Magharibi (2,972; 14.2 percent) and Kaskazini Unguja (1,072; 5.1 percent) (Figure 3.49 & 3.50).

**Figure 3.50: Percentage of Agricultural Households Reported to Process Different Crops by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.2.2 Quantity of Major Crop Products

The Census results show that, maize, cassava and sorghum are the leading grains used to produce flour/mill. A total of 354,237 tons of maize flour/mill were produced, out of which, 354,220 tons were in Mainland Tanzania and 17 tons in Tanzania Zanzibar. Cassava was the second major crop that agricultural households used to produce flour/mill by 59,066 tons from

which 59,009 tons were produced in Tanzania Mainland and 57 tons in Tanzania Zanzibar; and Sorghum was third where 14,223 tons were produced in Tanzania Mainland only (Table 3.18).

**Table 3.18: Quantity of Flour (tonnes) from Major Crops During 2019/20 Agricultural Year, Tanzania**

	Maize	Sorghum	Cassava
Tanzania	354,220	14,223	59,009
Mainland Tanzania	354,237	14,223	59,206
Tanzania Zanzibar	17	-	57

Further results show that sunflower, groundnuts and palm trees were major crops in producing oil by majority of agricultural households. Sunflower was leading by producing 97,219,465 litres, followed by palm trees (48,243,114 litres) and groundnuts (885,587 litres) (Table 3.19).

**Table 3.19: Quantity of Oil (litres) from Major Crops During 2019/20 Agricultural Year, Tanzania**

	Sunflower	Sesame	Groundnut	Palm Tree	Coconut	Soyabeans
Tanzania	97,219,465	414,321	885,587	48,243,114	1,280	35,969
Mainland Tanzania	-	-	-	-	124,612	-
Tanzania Zanzibar	97,219,465	414,321	885,587	48,243,114	125,892	35,969

### 3.2.3 Major Outlets for Selling Agro-processed Products

#### 3.2.3.1 Flour/Mill

A total of 20,429 households (20.2 percent) reported to sell flour/mill to several places of which 20,374 households were in Mainland Tanzania and 55 households in Tanzania Zanzibar. Agricultural households reported to sell flour/mill to the local market/trade store were the highest (9,053; 44.3 percent), followed by households that sold their flour/mill to the neighbours (8,771; 42.9 percent) and to the secondary market (602; 2.9 percent). However, 2,485 households (10.8 percent) did not sell their flour/mill.

#### 3.2.3.2 Grain

A total of 42,100 households (41.6 percent) from Mainland Tanzania reported to sell grain to various places, and none reported to sell grain in Tanzania Zanzibar. Agricultural households reported to sell grain to the local market/trade store were the highest (19,138; 45.5 percent), followed by households that sold grain to the neighbours (11,122; 26.4 percent) and to the marketing cooperatives at farm (3,891; 9.2 percent). Nevertheless, 390 households (0.9 percent) did not sell their grain.

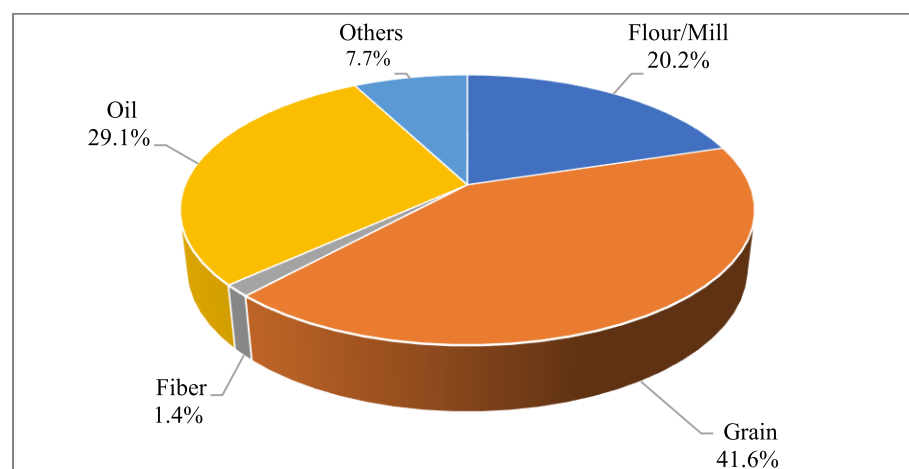
### 3.2.3.3 Oil

A total of 29,391 households (29.1 percent) from Mainland Tanzania reported to sell oil to various places and none of the households reported to sell their oil in Tanzania Zanzibar. Agricultural households that sold oil to the local market/trade store were the highest (17,739; 60.4 percent), followed by households that sold oil to the neighbours (5,533; 18.8 percent) and to trader at farm (2,235; 7.6 percent). Nevertheless, 734 households (2.4 percent) did not sell their oil.

### 3.2.3.4 Fiber

A total of 1,415 households (1.4 percent) from Mainland Tanzania reported to sell fiber to various places, and none from Tanzania Zanzibar. Agricultural households reported to sell fiber to the local secondary market were the highest (723; 51.1 percent), followed by households that sold fiber to the local market (176; 12.4 percent) and to the marketing cooperatives at farm (175; 12.4 percent) (Figure 3.51).

**Figure 3.51: Percentage of Households Reported to Sell Major Crop Products During 2019/20 Agricultural Year, Tanzania**



### 3.2.4 Main Type of Packaging Material

This Census captured information on different types of packaging materials for major products (flour/meal, grain, oil, juice and fiber) used by agricultural households during 2019/20 agricultural year. Packages used for these products were leno bags, sacks, box, hermetic bags, plastic containers and bottles.



#### **3.2.4.1 Flour/Mill**

A total of 817,189 agricultural households used different types of packaging for flour/mill, out of which, 815,618 households were in Mainland Tanzania and 1,571 households in Tanzania Zanzibar. In Mainland Tanzania, most agricultural households used leno bags for packaging (425,646; 52.2 percent), followed by plastic containers (194,170; 23.8 percent), sacks (138,728; 17.0 percent), and hermetic bags (30,297; 3.7 percent). In Tanzania Zanzibar, majority of the agricultural households used leno bags for packaging (1,181; 75.2 percent), followed by sacks (209; 13.3 percent) and plastic containers (181; 11.5 percent).

#### **3.2.4.2 Grain**

A total of 203,580 agricultural households used different types of packaging for grain, out of which, 184,401 households were in Mainland Tanzania and 19,179 households in Tanzania Zanzibar. In Mainland Tanzania, most agricultural households used leno bags for packaging (99,371; 53.9 percent), followed by sacks (51,356; 27.9 percent) and hermetic bags (18,568; 10.1 percent). In Tanzania Zanzibar, all agricultural households reported to use only two packaging material, namely leno bags (18,489; 96.4 percent) and sacks (690, 3.6).

#### **3.2.4.3 Oil**

A total of 128,505 agricultural households used different types of packaging for oil, of which, 128,036 were in Mainland Tanzania and 469 in Tanzania Zanzibar. In Mainland Tanzania, majority of the agricultural households used plastic containers for packaging (65,169; 50.9 percent), followed by bottles (36,193; 28.3 percent).

### **3.3 Irrigation**

Irrigation is the application of a specific amount of water at a particular location in order to meet the requirements of a crop growing at that location in amount that are appropriate to the crop's stage of growth. It can also mean the application of water in amounts necessary to bring soil to the desired moisture level prior to crop planting. This section presents information on area under irrigation and main crop irrigated by smallholder farmers.

#### **3.3.1 Area Planted under Irrigation**

Census results show that, irrigated crop production was carried out during short and long rainy seasons in both Mainland Tanzania and Tanzania Zanzibar. The total area under irrigation for annual crops was 289,381 ha (272,897 ha in Mainland Tanzania and 16,484 ha in Tanzania

Zanzibar) accounting for 2.5 percent of the total planted area. Similarly, the total area under irrigation for permanent crops was 26,567 ha (24,622 ha in Mainland Tanzania and 1,945 ha in Tanzania Zanzibar) accounting for 1.3 percent of the total planted area. Area under irrigation in Mainland Tanzania for annual crops was 272,897 equivalent to 2.4 percent of the total planted area, while in Tanzania Zanzibar, the area under irrigation was 16,489 ha equivalent to 15.1 percent of the total planted area. Both Mainland Tanzania and Tanzania Zanzibar, irrigated crop production was carried out mostly during short rainy season. Considering the small proportion of area under irrigation, crop production remains largely dependent on rainfed (Table 3.20).

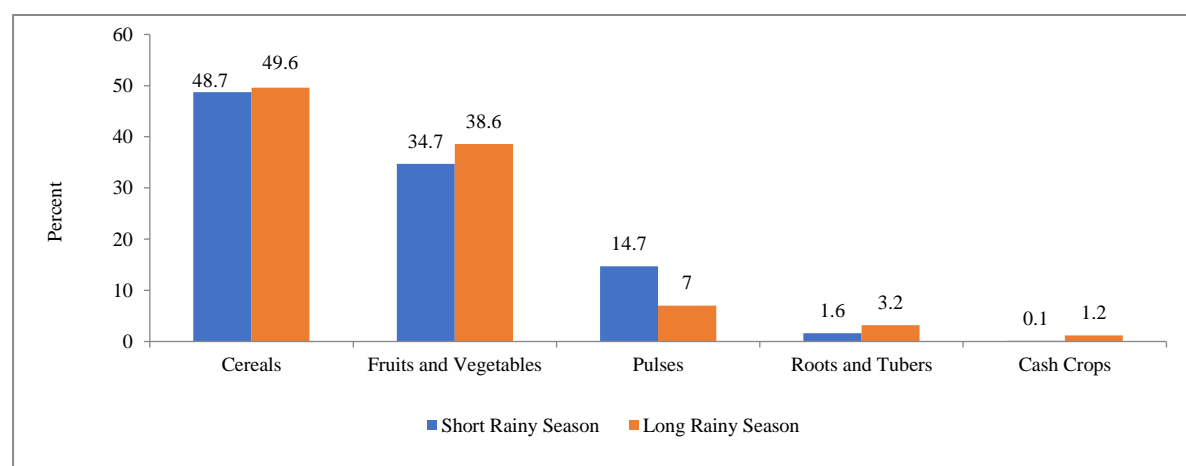
**Table 3.20: Area under Irrigation During Short and Long Rainy Seasons During 2019/20 Agricultural Year, Tanzania**

Planting Season	Mainland Tanzania			Tanzania Zanzibar			Tanzania		
	Planted Area (ha)	Irrigated (ha)		Planted Area (ha)	Irrigated (ha)		Planted Area (ha)	Irrigated (ha)	
		Number	Percent		Number	Percent		Number	Percent
Short Rainy Season	3,269,062	135,716	4.2	66,658	9,068	13.6	3,335,720	144,783	4.3
Long Rainy Season	8,370,002	137,183	1.6	59,355	7,421	12.5	8,429,358	144,603	1.7
Short and Long Rainy Season	11,639,064	272,899	2.3	126,013	16,489	13.1	11,765,079	289,385	2.5

### 3.3.2 Main Crops Irrigated

Census results show that during short rainy season, total area irrigated for annual crops was 144,783 ha and 144,603 ha during long rainy season. Among crop types, cereals occupied large area under irrigation (48.7 percent) during short rainy season, followed by fruits and vegetables (34.7 percent), and pulses (14.7 percent). Similar pattern was observed during long rainy season were cereals occupied large area under irrigation (49.6 percent), followed by fruits and vegetables (38.6 percent), and pulses (7.0 percent). Irrigation in oil seeds and nuts, and roots and tubers were too small during both short and long rainy seasons (Figure 3.52).

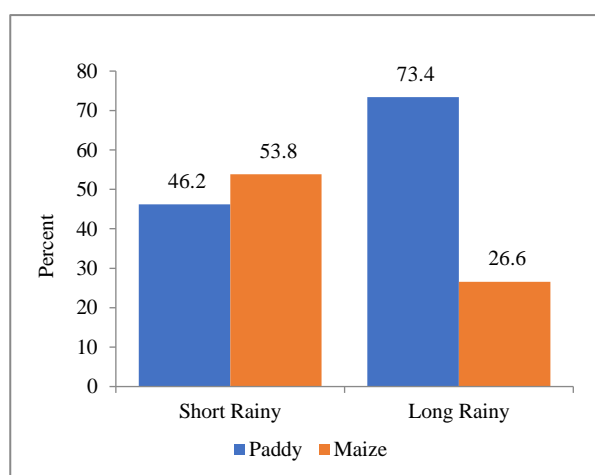
**Figure 3.52: Percentage of Planted Area under Irrigation by Main Crop During 2019/20 Agricultural Year, Tanzania**



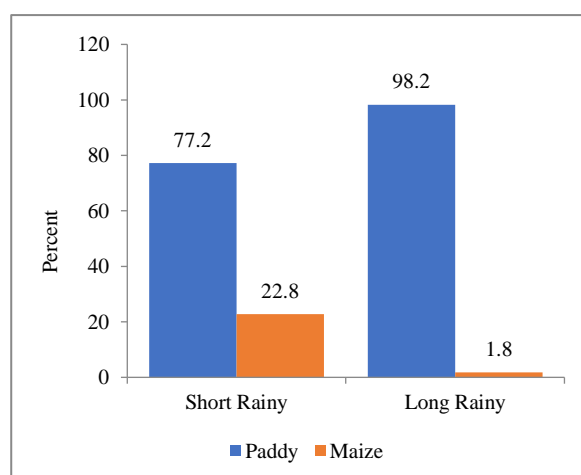
### 3.3.2.1 Cereals

Census results show that, among cereal crops, only paddy and maize were reported to be irrigated in Mainland Tanzania and Tanzania Zanzibar. In Mainland Tanzania, out of the total irrigated area under cereal crops, maize occupied larger area under irrigation (36,471 ha; 53.8 percent), followed by paddy (31,291 ha; 46.2 percent) during short rainy season. On the contrary, paddy occupied larger area under irrigation (49,079 ha; 73.4 percent) during long rainy season, followed by maize (17,803 ha; 26.6 percent). In Tanzania Zanzibar, out of the total irrigated area under cereal crops, paddy was more irrigated during long rainy seasons (4,698 ha; 98.2 percent) compared to short rainy season (2,074 ha; 77.2 percent) (Figure 3.53 & 3.54).

**Figure 3.53: Percent of Irrigated Area Planted with Cereals by Planting Season During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.54: Percent of Irrigated Area Planted with Cereals by Planting Season During 2019/20 Agricultural Year, Tanzania Zanzibar**

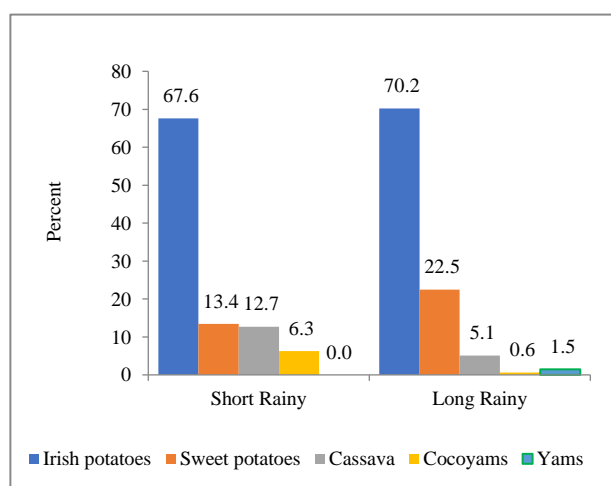


### 3.3.2.2 Root and Tuber Crops

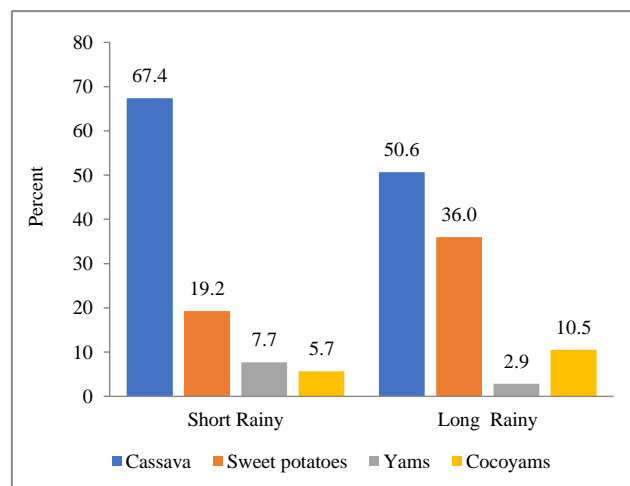
Census results show that, cassava, sweet potato, irish potato, yams and coco yams were reported to be irrigated in Tanzania. In Mainland Tanzania, the total irrigated area under root and tuber crops was 2,087 ha during short rainy season, of which irish potatoes occupied the largest area under irrigation (1,410 ha; 67.6 percent), followed by sweet potato (279 ha; 13.4 percent), while the least irrigated area was occupied by coco yams (132 ha; 6.3 percent) during short rainy season. Similarly, during long rainy season, a total of 4,395 ha of root and tuber crops were irrigated of which irish potatoes occupied the largest area under irrigation (3,085 ha; 70.2 percent), followed by sweet potatoes (990 ha; 22.5 percent), whereas the least irrigated area was occupied by cocoyams (28 ha; 0.6 percent).

In Tanzania Zanzibar, out of the total irrigated area under root and tuber crops (257 ha) during short rainy season, cassava occupied the largest area under irrigation (173 ha; 67.4 percent), followed by sweet potato (49 ha; 19.2 percent), while the least irrigated area was occupied by coco yams (15 ha; 5.7 percent). Similarly, during long rainy season, a total of 227 ha of root and tuber crops were irrigated of which cassava occupied the largest area under irrigation (115 ha; 50.6 percent), followed by sweet potatoes (82 ha; 36.0 percent), whereas the least irrigated area was occupied by yams (6 ha; 2.9 percent) (Figure 3.55 & 3.56).

**Figure 3.55: Percentage of Area planted with Roots and Tubers under Irrigation During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.56: Percentage of Area planted with Roots and Tubers under Irrigation During 2019/20 Agricultural Year, Tanzania Zanzibar**



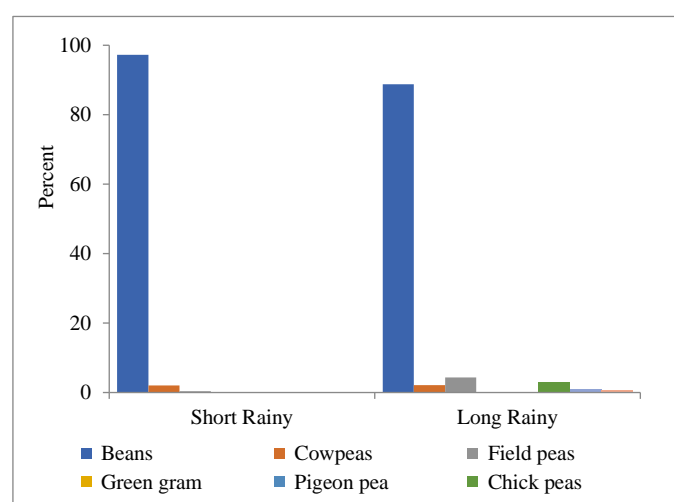
### 3.3.2.3 Pulses

Census result shows that, beans, cow peas, green gram, pigeon peas, chick peas, bambaranuts, field peas, and fiwi were reported to be irrigated in Tanzania. In Mainland Tanzania, the total

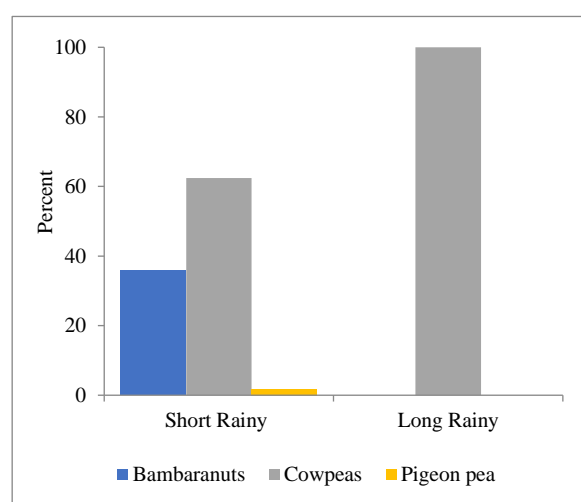
irrigated area under pulses was 21,120 ha during short rainy season, of which beans occupied the largest area under irrigation (20,540 ha; 97.3 percent), followed by cowpeas (432 ha; 2.0 percent), while the least irrigated area was occupied by green gram (65 ha; 0.3 percent). Similarly, out of the total irrigated area under pulses (10,019 ha) during long rainy season, beans occupied the largest area under irrigation (8,898 ha; 88.8 percent), followed by field peas (439 ha; 4.4 percent), whereas the least irrigated area was occupied by fiwi (77 ha; 0.8 percent).

In Tanzania Zanzibar, out of the total irrigated area under pulses (182 ha) during short rainy season, cowpeas occupied the largest area under irrigation (114 ha; 62.4 percent), followed by bambaranut (65 ha; 35.8 percent), while the least irrigated area was occupied by pigeon peas (3 ha; 1.8 percent). Similarly, during long rainy season, cowpeas was the only pulse crop irrigated, occupying an area of 35 ha (100.0 percent) (Figure 3.57 & 3.58).

**Figure 3.57: Percent of Planted Area with Pulses under Irrigation During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.58: Percent of Planted Area with Pulses under Irrigation During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.3.2.4 Fruits and Vegetables

Census results show that, fruits and vegetables were among crops reported to be irrigated in Tanzania by smallholder farmers. In Mainland Tanzania, a total of 44,408 ha was irrigated during short rainy season and 53,441 ha in long rainy season. Tanzania Zanzibar, a total of 5,851 ha was irrigated during short rainy season and 2,314 ha in long rainy season.

In Mainland Tanzania, out of the total irrigated area under fruits and vegetable (44,408 ha) during short rainy season, tomato occupied the largest area under irrigation (14,592 ha; 32.9 percent), followed by onion (7,110 ha; 16.0 percent), and watermelon (7,081 ha; 15.9 percent),

while the least irrigated areas was occupied by strawberry (13 ha; 0.03 percent). Similarly, a total of 53,441 ha of fruits and vegetables were irrigated during long rainy season, of which tomato occupied the largest area under irrigation (19,730 ha; 36.9 percent), followed by onion (11,297 ha; 21.1 percent) and watermelon (5,565 ha; 10.4 percent), while the least irrigated area was occupied by squash (6 ha; 0.01 percent).

In Tanzania Zanzibar, out of the total irrigated area under fruits and vegetable (5,851 ha) during short rainy season, watermelon occupied the largest area under irrigation (1,468 ha; 25.1 percent), followed by tomato (1,097 ha; 18.7 percent) and okra (935 ha; 16.0 percent), whilst the least irrigated area was occupied by cabbage (2 ha; 0.03 percent). On the other hand, during long rainy season, tomato occupied the largest area under irrigation (462 ha; 20.0 percent), followed by amaranth (398 ha; 17.2 percent), whereas the least irrigated area was occupied by sweet/bell pepper (4 ha; 0.2 percent) (Table 3.21).

**Table 3.21: Percentage of Area Planted with Fruits and Vegetables Under Irrigation by Seasons During 2019/20 Agricultural Year, Tanzania**

Crop	Mainland Tanzania		Tanzania Zanzibar	
	Short Rainy	Long Rainy	Short Rainy	Long Rainy
Onion	16.0	21.1	0.2	-
Ginger	4.8	0.9	-	-
Garlic	0.2	0.7	-	-
Strawberry	0.03	-	-	-
Cabbage	2.6	4.1	0.0	-
Spinach	4.0	4.4	0.4	0.5
Carrot	0.2	0.3	0.1	0.3
Chilies	2.3	1.6	1.9	10.2
Amaranths	6.0	4.2	12.2	17.2
Pumpkins	0.8	0.4	2.9	1.7
Cucumber	0.8	1.2	9.0	8.4
Egg Plant	0.4	1.0	7.9	11.1
Watermelon	15.9	10.4	25.1	17.1
Cauliflower	0.1	0.1	-	-
Okra	4.5	2.9	16.0	8.2
Tomatoes	32.9	36.9	18.7	20.0
Bitter tomato	2.2	5.6	2.6	4.4
Sweet/bell pepper	0.9	1.8	0.2	0.2
Squash	-	0.01	-	-
Sweet potato leaves	3.7	1.1	2.6	0.7
Mnavu/Mnafu	0.4	0.3	-	-
Figiri sukuma wiki	0.5	0.5	-	-
Brocol	0.2	0.1	-	-
Pumpkin leaves	0.4	0.2	-	-

### 3.4 Input Use

This section presents results on the use of improved seeds, organic and inorganic fertilizers and pesticides which includes herbicides, fungicides and insecticides. The results presented in this section are based on the use and area of application and not on the quantity applied.

#### 3.4.1 Seed Use

##### 3.4.1.1 Household Using Seeds

The 2019/20 NSCA results show that, 3,042,749 households planted their crops in Tanzania during short rainy season, out of which 1,040,995 households equivalent to 34.2 percent reported improved seeds use (994,299 households were in Mainland Tanzania and 46,696 households in Tanzania Zanzibar). A total of 5,736,563 households planted crops during long rainy season, out of which 1,759,086 households (30.7 percent) reported to use improved seeds (1,717,472 households in Mainland Tanzania and 41,614 households in Tanzania Zanzibar). Likewise, a total of 3,051,511 households planted permanent crops, out of which 301,968 households (9.9 percent) were reported to use improved seeds in Tanzania (286,664 households were in Mainland Tanzania and 15,304 households in Tanzania Zanzibar) (Table 3.22).

**Table 3.22: Number of Agricultural Households Reported to Use Improved Seed and Area Planted by Season During 2019/20 Agricultural Year, Tanzania**

Coverage	Short Rainy			Long Rainy			Permanent Crops		
	Number of Households	Planted Area (Ha)	Number of Households Planting in VULI	Number of Households	Planted Area (Ha)	Number of Households Planting in MASIKA	Number of Households	Planted Area (Ha)	Number of Households Planting Permanent Crops
Mainland Tanzania	994,299	771,337	2,889,671	1,717,472	1,792,875	5,600,987	286,664	162,460	2,918,929
Tanzania Zanzibar	46,696	15,609	153,078	41,614	13,705	135,576	15,304	5,057	21,398
Tanzania	1,040,995	786,945	3,042,749	1,759,086	1,806,580	5,736,563	301,968	167,518	1,046,977

In Mainland Tanzania, Mwanza region had more households that used improved seeds during short rainy season (151,690 households; 15.3 percent), followed by Kilimanjaro (104,994 households; 10.6 percent), and Geita (86,650 households; 8.7 percent), while Njombe region reported few (less than 1 percent). In Tanzania Zanzibar, Mjini Magharibi region had many households that used improved seeds (18,149 households; 38.9 percent) during short rainy season, followed by Kaskazini Unguja (12,937 households; 27.7 percent), while Kusini Unguja region had the least (4,030 households; 8.6 percent).

On the other hand, in Mainland Tanzania Tabora region had many households that used improved seeds during long rainy season (138,005 households; 8.0 percent), followed by Singida (116,092 households; 6.8 percent) and Mbeya (115,063 households; 6.7 percent), whereas Pwani region recorded few (17,220 households; 1.0 percent). In Tanzania Zanzibar, Mjini Magharibi region had many households that used improved seeds during long rainy season (17,855 households; 42.9 percent), followed by Kaskazini Unguja (9,076 households; 21.8 percent), whilst Kusini Unguja region recorded the least (2,857 households; 6.9 percent).

Moreover, in Mainland Tanzania improved seeds for permanent crops were mostly used by many households in Kagera region (36,666 households; 12.8 percent), followed by Mtwara (31,458 households; 11.0 percent) and Tanga (25,325 households; 8.8 percent), whereas Rukwa region recorded few (484 households; 0.2 percent). In Tanzania Zanzibar, Kusini Pemba region had many households that used improved seeds in permanent crops (6,114 households; 40.0 percent), followed by Mjini Magharibi (5,455 households; 35.6 percent), whilst Kaskazini Pemba region recorded the least (791 households; 5.2 percent).

### 3.4.1.2 Area Applied with Seeds

Improved seeds used inadequately by households on agricultural areas in Tanzania as compared with local seeds. The total area planted with improved seeds during 2019/20 agricultural year was 2,593,526 ha, which accounts for 22.0 percent of the total cultivated area. On the other hand, the area planted with local seeds was 8,906,314 ha representing 75.7 percent of the total cultivated area, while the area planted with both local and improved seeds was 250,884 ha which is equivalent to 2.1 percent of the total planted area (Table 3.23).

**Table 3.23: Cultivated Area and Area Planted by Type of Seed Used During 2019/20 Agricultural Year, Tanzania**

Selected Characteristic	Tanzania	Mainland Tanzania	Tanzania Zanzibar
Cultivated Area (ha)	11,765,077	11,639,063	126,014
Area Planted with Local seeds (ha)	8,906,314	8,823,340	82,975
Area planted with Improved Seeds (ha)	2,593,526	2,564,212	29,314
Area Planted with Local and Improved Seeds (ha)	250,884	237,444	13,439

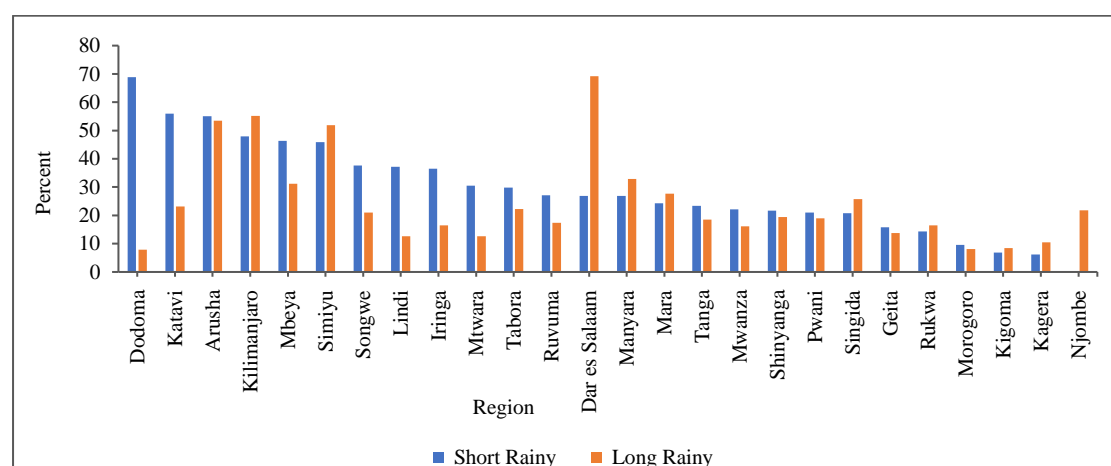
*Note: The size of cultivated area is not necessarily equal to planted area. Planted area may be less or equal to cultivated area.*

Area planted with improved seeds was larger in short rainy season as compared to that of long rainy season in most of the regions, except for Kilimanjaro, Dar es Salaam, Rukwa, Kigoma,

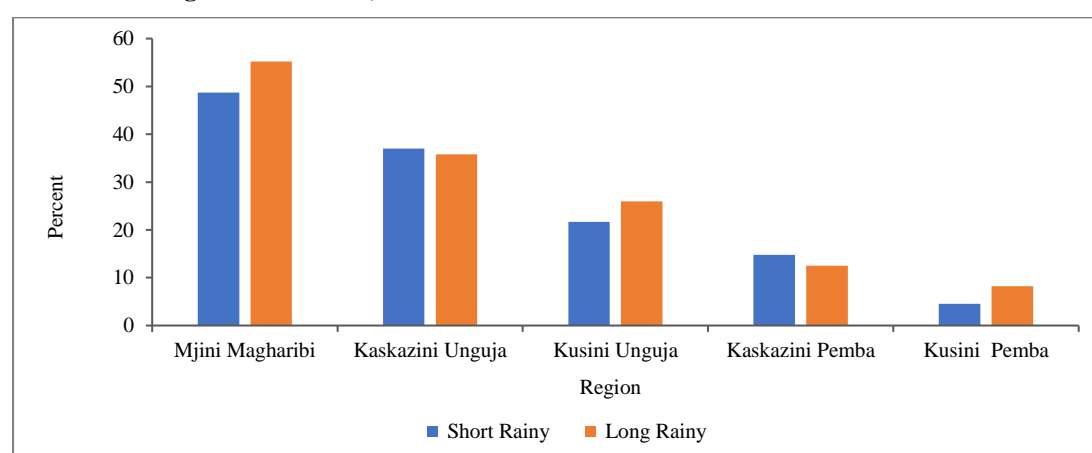


Kagera, Mara, Manyara, Singida, Njombe, and Simiyu regions in Mainland Tanzania. In Tanzania Zanzibar, the area planted with improved seed was larger in long rainy season with exception of Kaskazini Unguja and Kaskazini Pemba (Figure 3.59 & 3.60).

**Figure 3.59: Percentage of Planted Area with Improved Seeds by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.60: Percentage of Planted Area with Improved Seeds by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.4.2 Fertilizer Use

#### 3.4.2.1 Households Using Fertilizer

The results from 2019/20 NSCA show that, during short rainy season, a total of 990,014 households; reported to use fertilizer (945,052 households in Mainland Tanzania and 44,962 in Tanzania Zanzibar). Among those, 552,581 households (523,360 households in Mainland Tanzania and 29,221 in Tanzania Zanzibar) reported to use organic fertilizer, while inorganic fertilizer was used by 475,292 households (456,074 households in Mainland Tanzania and 19,218 in Tanzania Zanzibar).

Furthermore, during long rainy season, a total of 1,975,482 households reported to use fertilizer (1,927,201 households in Mainland Tanzania and 48,281 in Tanzania Zanzibar). Among the households that reported to use fertilizer, 693,838 used organic fertilizer (674,067 in Mainland Tanzania and 19,711 in Tanzania Zanzibar), while inorganic fertilizer was used by 1,366,771 households (1,336,023 households in Mainland Tanzania and 30,748 in Tanzania Zanzibar).

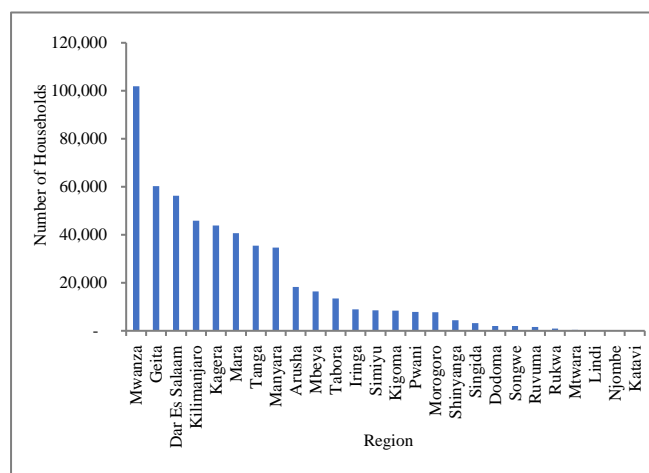
Moreover, a total of 645,800 households reported to use fertilizer on their permanent (617,092 households in Mainland Tanzania and 28,708 in Tanzania Zanzibar). Among them, 544,820 households used organic fertilizer (517,161 households in Mainland Tanzania and 27,659 in Tanzania Zanzibar) while 115,806 households (114,650 households in Mainland and 1,156 households in Zanzibar) used inorganic fertilizer (Table 3.24).

**Table 3.24: Number of Households Reported to Use Fertilizer and Type of Fertilizers by Season During 2019/20 Agricultural Year, Tanzania**

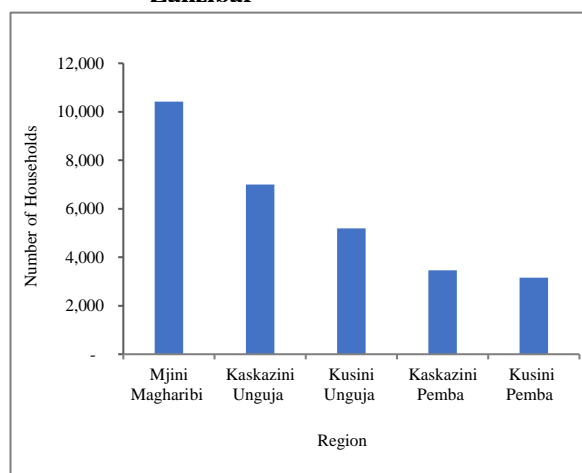
Coverage	Planting Season	Total Number of Households Planted Crops	Total Number of Households Used Fertilizer	Households Used Fertilizer			
				Organic Fertilizer		Inorganic Fertilizer	
				Number	Percent	Number	Percent
Mainland Tanzania	Short Rainy	2,889,671	945,052	523,360	18.1	456,074	15.8
	Long Rainy	5,600,987	1,927,201	674,067	12	1,336,023	23.9
	Permanent	2,918,929	617,092	517,161	17.7	114,650	3.9
Tanzania Zanzibar	Short Rainy	153,078	44,962	29,221	19.1	19,218	12.6
	Long Rainy	135,576	48,281	19,771	14.6	30,748	22.7
	Permanent	132,582	28,708	27,659	20.9	1,156	0.9
Tanzania	Short Rainy	3,042,749	990,014	552,581	18.2	475,292	15.6
	Long Rainy	5,736,563	1,975,482	693,838	12.1	1,366,771	23.8
	Permanent	3,051,511	645,800	544,820	17.9	115,806	3.8

In Mainland Tanzania, during the short rainy season, Mwanza region had the largest number of households reported to use organic fertilizer (101,855; 19.5 percent), followed by Geita (60,218; 11.5 percent) and Dar es Salaam (56,334 households; 10.8 percent), while Katavi reported the least number of households using organic fertilizer (105 households; less than 1 percent). In Tanzania Zanzibar Mjini Magharibi region reported the largest number of households (10,425 households; 35.7 percent), followed by Kaskazini Unguja (6,997; 23.9 percent) while Kusini Unguja had the least number of households reported to use organic fertilizer (3,152 households; 10.8 percent) (Figure 3.61 & 3.62).

**Figure 3.61: Number of Households Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania**

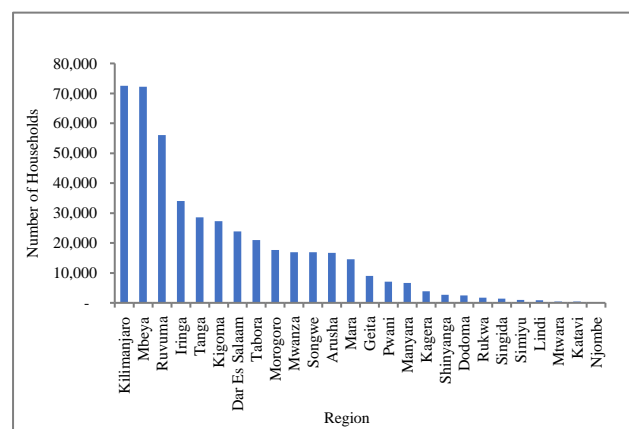


**Figure 3.62: Number of Households Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar**

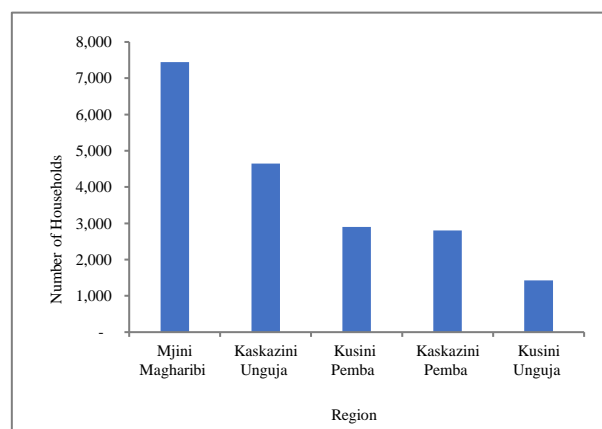


On the other hand, the use of inorganic fertilizer in Mainland Tanzania during the short rainy season was mostly reported in Kilimanjaro region (72,553 households; 15.9 percent), followed by Mbeya (72,244 households; 15.8 percent) and Ruvuma (56,016 households; 12.3 percent) while Njombe reported the least number of households used inorganic fertilizer (124 households; less than 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region reported the largest number of households using inorganic fertilizer (7,442 households; 38.7 percent), followed by Kaskazini Unguja (4,647 households; 24.2 percent), while Kusini Unguja had the least number of households reported to use this type of fertilizer (1,427 households, 7.4 percent) (Figure 3.63 & 3.64).

**Figure 3.63: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania**

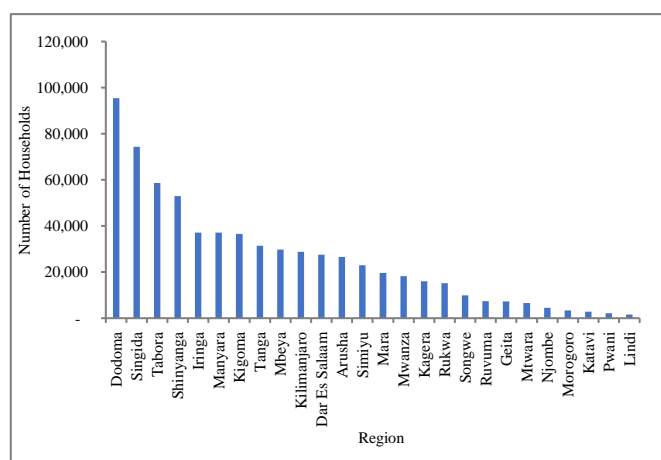


**Figure 3.64: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar**

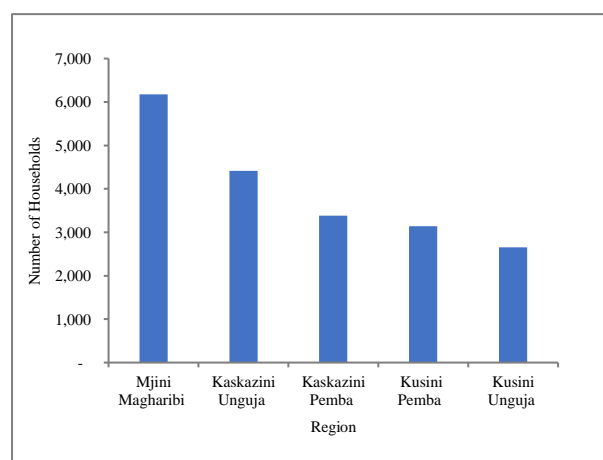


During the long rainy season, in Mainland Tanzania Dodoma region had the largest number of households reported to use organic fertilizer (95,486; 14.2 percent), followed by Singida (74,279; 11.0 percent) and Tabora (56,334; 8.7 percent) while Lindi reported the least number of households (1,574 households; 0.2 percent). In Tanzania Zanzibar, Mjini Magharibi region reported the largest number of households (6,176 households; 31.2 percent), followed by Kaskazini Unguja (4,416; 22.3 percent) while Kusini Unguja region had the least number of households reported to use organic fertilizer (2,651 households; 13.4 percent) (Figure 3.65 & 3.66).

**Figure 3.65: Number of Household Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania**

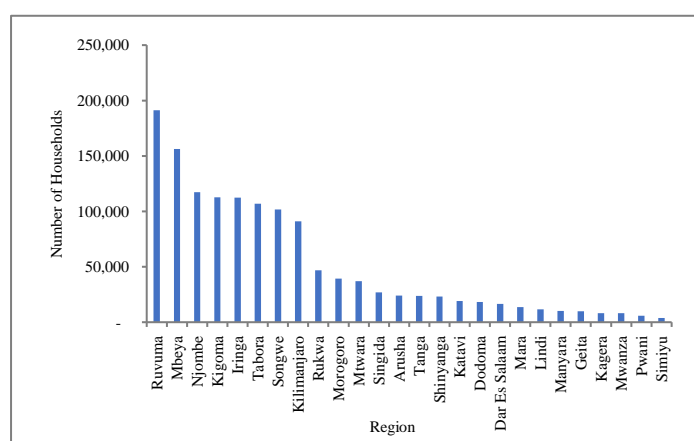


**Figure 3.66: Number of Household Reported to Use Organic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar**

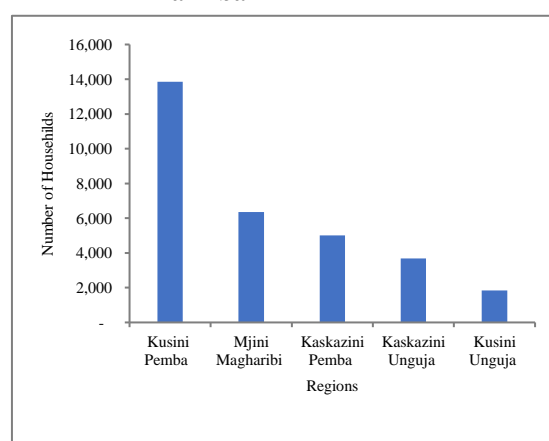


Furthermore, during the long rainy season in Mainland Tanzania, Ruvuma region had the largest number of households reported to use inorganic fertilizer (191,277 households; 14.3 percent), followed by Mbeya (156,430 households; 11.7 percent) and Njombe (117,225 households; 8.8 percent) while Simiyu reported the least number of households used inorganic fertilizer (3,798 households; 0.3 percent). However, in Tanzania Zanzibar, Kusini Pemba region reported the largest number of households using inorganic fertilizer (13,862 households; 45.1 percent), followed by Mjini Magharibi (6,351 households; 20.7 percent) and Kaskazini Pemba (5,017 households; 16.3 percent), while Kusini Unguja had the least number of households reported to use this type of fertilizer (1,834 households, 6.0 percent) (Figure 3.67 & 3.68).

**Figure 3.67: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania**



**Figure 3.68: Number of Households Reported to Use Inorganic Fertilizer by Region During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar**



For permanent crops, in Mainland Tanzania, Kilimanjaro region had the largest number of households reported to use organic fertilizer (126,331 households; 24.4 percent) followed by Dar es Salaam (66,902 households; 12.9 percent) and Kagera (47,180 households; 9.1 percent) while Katavi reported the least number of households used organic fertilizer (495 households; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region reported the largest number of households using organic fertilizer (9,581 households; 34.6 percent), followed by Kusini Pemba (6,258 households; 22.6 percent) and Kaskazini Pemba (4,393 households; 15.9 percent), while Kusini Unguja had the least number of households reported to use this type of fertilizer (3,658 households, 13.2 percent).

Moreover, the use of inorganic fertilizer for permanent crops in Mainland Tanzania, was mostly reported in Ruvuma region (44,293 households; 38.6 percent), followed by Mbeya (14,955 households; 13.0 percent) and Songwe (11,022 households; 9.6 percent) while Manyara reported the least number of households (93 households; 0.1 percent). In Tanzania Zanzibar, Kaskazini Unguja region reported the largest number of households using inorganic fertilizer (592 households; 14.9 percent), followed by Kusini Pemba (337 households; 29.2 percent) and Kaskazini Pemba (172 households; 16.3 percent), while Kusini Unguja had the least number of households reported to use this type of fertilizer (55 households, 4.8 percent).

### **3.4.2.2 Area Applied with Fertilizer**

The census results show that, 2.8 million hectares equivalent to 20.2 percent of the total planted area were applied with fertilizer (2.7 million hectares were in Mainland Tanzania and 40,024 hectares in Tanzania Zanzibar). Out of the total planted area applied with fertilizer, 39.6 percent was applied with organic fertilizer and 60.4 percent with inorganic fertilizer.

During short rainy season, total area applied with organic fertilizer was 358,615 ha (349,849 ha in Mainland Tanzania and 8,766 ha in Tanzania Zanzibar) and 323,326 ha (317,413 ha in Mainland Tanzania and 5,913 ha in Tanzania Zanzibar) applied with inorganic fertilizer. In the long rainy season, area applied with organic fertilizer was 587,920 ha (582,498 ha in Mainland Tanzania and 5,422 ha in Tanzania Zanzibar), while 1,243,955 ha (1,232,444 ha was in Mainland Tanzania and 11,511 ha in Tanzania Zanzibar) was applied with inorganic fertilizer.

For permanent crops, total area applied with fertilizer was 257,381 ha, out of which 151,541 ha were applied with organic fertilizer and 105,930 ha were applied with inorganic fertilizer. Out of the total area applied with fertilizer 143,516 ha were in Mainland Tanzania and 7,936 ha were in Tanzania Zanzibar. On the use of inorganic fertilizer reported on permanent crops, area applied in Mainland Tanzania was 105,454 ha and 476 ha in Tanzania Zanzibar (Table 3.25).

**Table 3.25: Area Planted with Fertilizer and Type of Fertilizers by Season During 2019/20 Agricultural Year, Tanzania**

Coverage	Planting Season	Total Planted Area (ha)	Area Applied with Fertilizer				
			Organic Fertilizer		Inorganic Fertilizer		Total Area (ha)
			Area (ha)	Percent	Area (ha)	Percent	
Mainland Tanzania	Short Rainy	3,269,062	349,849	52.4	317,413	47.6	667,262
	Long Rainy	8,370,000	582,498	32.1	1,232,444	67.9	1,814,942
	Permanent	1,926,256	143,516	57.6	105,454	42.4	248,969
	<b>Sub-Total</b>	<b>13,565,318</b>	<b>1,075,863</b>	<b>39.4</b>	<b>1,655,311</b>	<b>60.6</b>	<b>2,731,173</b>
Tanzania Zanzibar	Short Rainy	66,658	8,766	59.7	5,913	40.3	14,679
	Long Rainy	59,356	5,422	32	11,511	68	16,933
	Permanent	59,264	7,936	94.3	476	5.7	8,412
	<b>Sub-Total</b>	<b>185,278</b>	<b>22,124</b>	<b>55.3</b>	<b>17,900</b>	<b>44.7</b>	<b>40,024</b>
Tanzania	Short Rainy	3,335,720	358,615	52.6	323,326	47.4	681,941
	Long Rainy	8,429,356	587,920	32.1	1,243,955	67.9	1,831,875
	Permanent	1,985,520	151,451	58.8	105,930	41.2	257,381
	<b>Total</b>	<b>13,750,596</b>	<b>1,097,986</b>	<b>39.6</b>	<b>1,673,211</b>	<b>60.4</b>	<b>2,771,197</b>

The census results further revealed that, area applied with organic fertilizer varies across regions. During the short rainy season, in Mainland Tanzania, Geita region had the largest area applied with organic fertilizer (71,842 ha, 20.5 percent), followed by Mwanza (71,807 ha, 20.5 percent) and Mara (33,785 ha 9.7 percent), while Lindi region had the least area applied with fertilizer (42 ha; less than 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region had the largest area applied with organic fertilizer (3,391 ha; 38.7 percent), followed by Kaskazini Unguja (2,663 ha; 30.4 percent), while Kusini Pemba region had the least area applied with organic fertilizer (541 ha, 6.2 percent).

On the other hand, the use of inorganic fertilizer was mostly observed in Ruvuma region whereas 63,484 ha equivalent to 20.0 percent was applied with inorganic fertilizer, followed by Mbeya (56,842 ha; 17.9 percent) and Kilimanjaro (36,123 ha; 11.4 percent), while Njombe region recorded the smallest area applied with inorganic fertilizer (151 ha; less than 0.1 percent). In Tanzania Zanzibar, Kaskazini Unguja region had the largest area applied with inorganic fertilizer (2,126 ha; 36.0 percent), followed by Mjini Magharibi (1,858 ha; 31.4 percent), whilst Kusini Unguja region recorded the least area applied with inorganic fertilizer (396 ha; 10.6 percent) (Table 3.26).

During long rainy season in Mainland Tanzania, Dodoma region had the largest area applied with organic fertilizer (102,114.93 ha, 17.5 percent), followed by Singida (72,010 ha, 12.4

percent), and Tabora (68,469 ha 11.8 percent), while Pwani region had the least area (811 ha; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region had the largest area applied with organic fertilizer (2,037 ha; 37.6 percent), followed by Kaskazini Unguja (1,219 ha; 22.5 percent), while Kusini Pemba region had the least area applied with organic fertilizer (633 ha, 11.7 percent).

On the other hand, the use of inorganic fertilizer was mostly discovered in Ruvuma region whereas 215,618 ha equivalent to 17.5 percent was applied with inorganic fertilizer, followed by Mbeya (148,363 ha; 12.0 percent) and Tabora (121,962 ha; 9.9 percent), while Pwani region recorded the smallest area applied with inorganic fertilizer (3,488 ha; 0.3 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest area applied with inorganic fertilizer (6,014 ha; 52.2 percent), followed by Kaskazini Pemba (1,928 ha; 16.7 percent), whilst Kusini Unguja region recorded the least area applied with inorganic fertilizer (539 ha; 4.7 percent) (Table 3.26).

Results on area of permanent crops applied with organic fertilizer shows that, in Mainland Tanzania, Kilimanjaro region had the largest area applied with organic fertilizer (34,945 ha, 24.3 percent), followed by Kagera (21,038 ha, 14.7 percent), and Ruvuma (10,190 ha 7.1 percent), while Simiyu region had the least area applied with fertilizer (96 ha; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region had the largest area applied with organic fertilizer (2,683.9 ha; 33.8 percent), followed by Kusini Pemba (1,978 ha; 24.9 percent), while Kaskazini Unguja region had the least area applied with organic fertilizer (992 ha, 12.5 percent).

On the other hand, the use of inorganic fertilizer on permanent crops was mostly discovered in Ruvuma region whereas 42,086 ha equivalent to 39.9 percent was applied with inorganic fertilizer, followed by Mtwara (22,711 ha; 21.5 percent) and Lindi (10,749 ha; 10.2 percent), while Dodoma region recorded the smallest area applied with inorganic fertilizer 0.4 ha; less than 0.1 percent). In Tanzania Zanzibar, Kaskazini Unguja region had the largest area applied with inorganic fertilizer (244 ha; 51.3 percent), followed by Kusini Pemba (169 ha; 35.5 percent), whilst Kusini Unguja region recorded the least area applied with inorganic fertilizer (11 ha; 2.3 percent) (Table 3.26).



**Table 3.26: Area Applied with Organic Fertilizer and Inorganic Fertilizer by Region and Season During 2019/20 Agricultural Year, Tanzania**

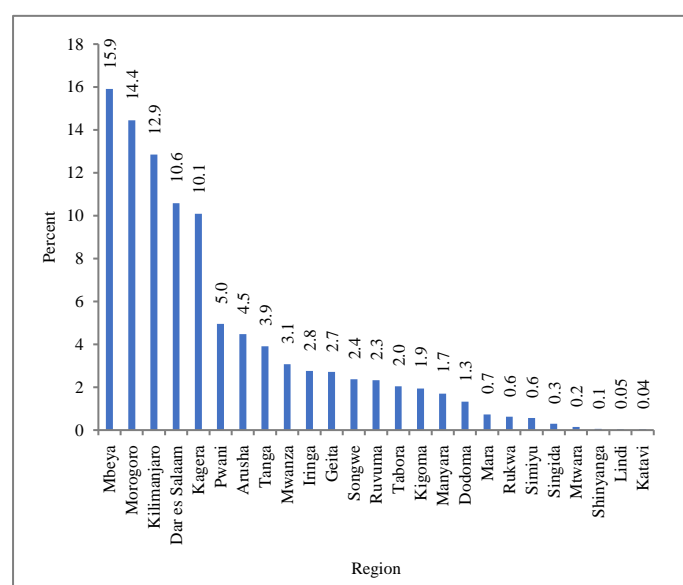
Region	Short Rainy Season						Long Rainy Season						Permanent Crops					
	Organic Fertilizer Use			Inorganic Fertilizer Use			Organic Fertilizer Use			Inorganic Fertilizer Use			Organic Fertilizer Use			Inorganic Fertilizer Use		
	Planted Area (ha)		Number	Planted Area (ha)		Number	Planted Area (ha)		Number	Planted Area (ha)		Number	Planted Area (ha)		Number	Planted Area (ha)		Number
	Number	Percent		Number	Percent		Number	Percent		Number	Percent		Number	Percent		Number	Percent	
Dodoma	1,110	0.3		2,092	0.7		102,115	17.5		11,659	0.9		7,852	5.5		0		0
Arusha	7,946	2.3		8,289	2.6		24,180	4.2		19,382	1.6		4,680	3.3		202		0.2
Kilimanjaro	13,474	3.9		36,123	11.4		10,350	1.8		52,299	4.2		34,945	24.3		140		0.1
Tanga	15,873	4.5		11,231	3.5		15,760	2.7		16,912	1.4		4,348	3		77		0.1
Morogoro	6,927	2		13,483	4.2		2,860	0.5		45,379	3.7		364	0.3		6,542		6.2
Pwani	3,348	1		5,388	1.7		811	0.1		3,488	0.3		6,313	4.4		4,450		4.2
Dar Es Salaam	14,728	4.2		16,138	5.1		6,947	1.2		19,516	1.6		9,129	6.4		1,509		1.4
Lindi	42	0		223	0.1		921	0.2		4,212	0.3		1,660	1.2		10,749		10.2
Mtwara	88	0		170	0.1		1,932	0.3		20,666	1.7		4,149	2.9		22,711		21.5
Ruvuma	361	0.1		63,484	20		3,729	0.6		215,618	17.5		10,190	7.1		42,086		39.9
Iringa	14,450	4.1		21,063	6.6		19,065	3.3		102,329	8.3		1,660	1.2		373		0.4
Mbeya	8,941	2.6		56,842	17.9		19,568	3.4		148,363	12		9,042	6.3		5,680		5.4
Singida	3,103	0.9		1,162	0.4		72,010	12.4		28,719	2.3		6,286	4.4		19		0
Tabora	11,908	3.4		15,242	4.8		68,469	11.8		121,962	9.9		384	0.3		25		0
Rukwa	269	0.1		1,098	0.3		15,067	2.6		75,527	6.1		513	0.4		63		0.1
Kigoma	2,968	0.8		7,179	2.3		16,830	2.9		66,706	5.4		4,616	3.2		3,874		3.7
Shinyanga	3,531	1		1,721	0.5		53,247	9.1		23,557	1.9		155	0.1		-		-
Kagera	20,073	5.7		1,626	0.5		4,309	0.7		3,539	0.3		21,038	14.7		408		0.4
Mwanza	71,807	20.5		13,722	4.3		6,798	1.2		3,981	0.3		1,594	1.1		2		0
Mara	33,785	9.7		9,147	2.9		16,885	2.9		9,044	0.7		2,553	1.8		15		0
Manyara	29,875	8.5		5,201	1.6		59,312	10.2		8,047	0.7		593	0.4		38		0
Njombe	-	-		151	0		2,447	0.4		106,665	8.7		5,783	4		38		0
Katavi	-	-		689	0.2		6,381	1.1		23,720	1.9		287	0.2		352		0.3
Simiyu	12,176	3.5		1,082	0.3		42,007	7.2		3,531	0.3		96	0.1		-		-
Geita	71,842	20.5		8,089	2.5		3,055	0.5		4,063	0.3		2,216	1.5		-		-
Songwe	1,224	0.3		16,777	5.3		7,443	1.3		93,561	7.6		3,070	2.1		6,100		5.8
<b>Mainland Tanzania</b>	<b>349,849</b>	<b>100</b>		<b>317,413</b>	<b>100</b>		<b>582,498</b>	<b>100</b>		<b>1,232,444</b>	<b>100</b>		<b>143,516</b>	<b>100</b>		<b>105,454</b>		<b>100</b>
Kaskazini Unguja	2,663	30.4		2,126	36		1,219	22.5		1,630	14.2		992	12.5		244		51.3
Kusini Unguja	1,333	15.2		396	6.7		803	14.8		539	4.7		1,086	13.7		11		2.3
Mjini Magharibi	3,392	38.7		1,858	31.4		2,037	37.6		1,401	12.2		2,684	33.8		-		-
Kaskazini Pemba	837	9.5		908	15.4		729	13.4		1,928	16.7		1,196	15.1		52		10.9
Kusini Pemba	541	6.2		624	10.6		633	11.7		6,014	52.2		1,978	24.9		169		35.5
<b>Tanzania Zanzibar</b>	<b>8,766</b>	<b>100</b>		<b>5,913</b>	<b>100</b>		<b>5,422</b>	<b>100</b>		<b>11,511</b>	<b>100</b>		<b>7,936</b>	<b>100</b>		<b>476</b>		<b>100</b>
<b>Tanzania</b>	<b>358,615</b>			<b>323,326</b>			<b>587,920</b>			<b>1,243,955</b>			<b>151,451</b>			<b>105,930</b>		

### 3.4.3 Herbicides Use

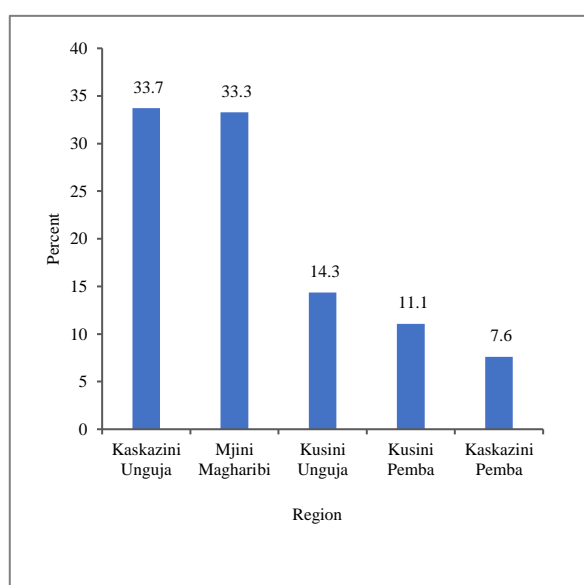
#### 3.4.3.1 Households Using Herbicides

The results from 2019/20 NSCA show that, a total of 230,998 households reported to use herbicides during short rainy season (221,601 households in Mainland Tanzania and 9,397 in Tanzania Zanzibar). In Mainland Tanzania, Mbeya region was leading (35,270 households; 15.9 percent), followed by Morogoro (32,019 households; 14.4 percent) and Kilimanjaro (28,476 households; 12.9 percent), while the least use of herbicides was recorded in Katavi region (83 households; 0.04 percent). In Tanzania Zanzibar, Kaskazini Unguja region was leading with 3,168 households (33.7 percent) using herbicides, followed by Mjini Magharibi (3,126 households; 33.3 percent), whilst, the least percentage was reported in Kaskazini Pemba (714 households; 7.6 percent) (Figure 3.69 & 3.70).

**Figure 3.69: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania**



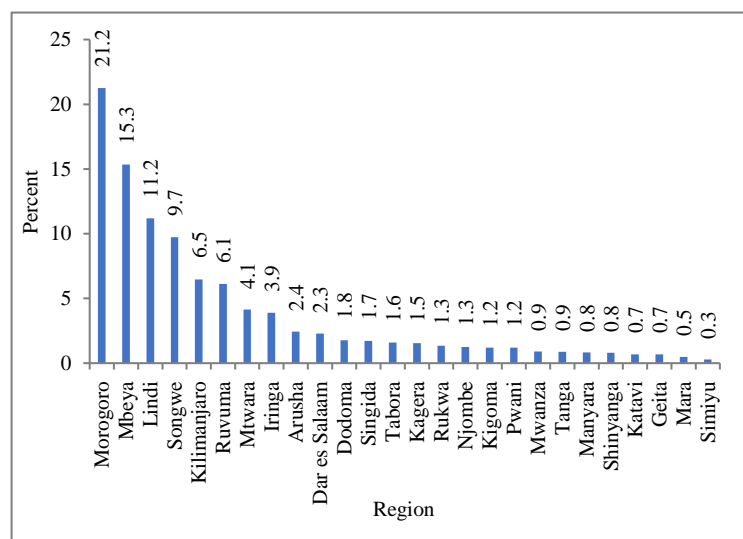
**Figure 3.70: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar**



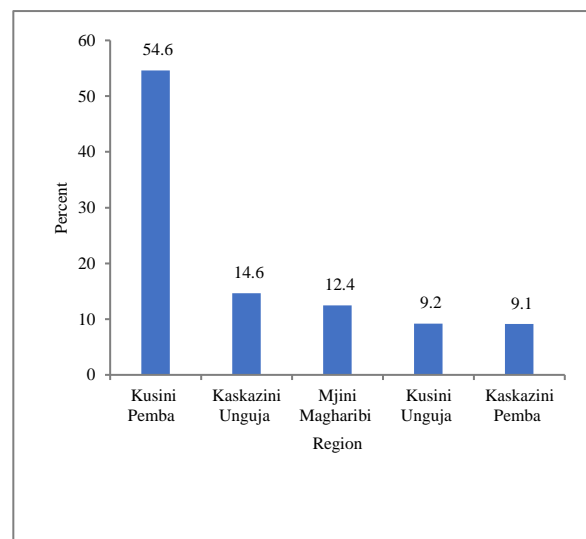
During the long rainy season, a total of 600,695 households reported to use herbicide (585,118 households in Mainland Tanzania and 15,577 in Tanzania Zanzibar). In Mainland Tanzania, Morogoro region was leading with 124,322 households (21.2 percent) using herbicides, followed by Mbeya (89,752; 15.3 percent) and Lindi (65,483 households; 11.2 percent). Region with the least use of herbicides was observed in Simiyu (1,706 households; 0.3 percent). In Tanzania Zanzibar, Kusini Pemba region was leading with 8,508 households (54.6 percent).

percent) using herbicides, followed by Kaskazini Unguja (2,277; 14.6 percent), whilst, the least percentage was in Kaskazini Pemba (1,420 households; 9.1 percent) (Figure 3.71 & 3.72).

**Figure 3.71: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania**

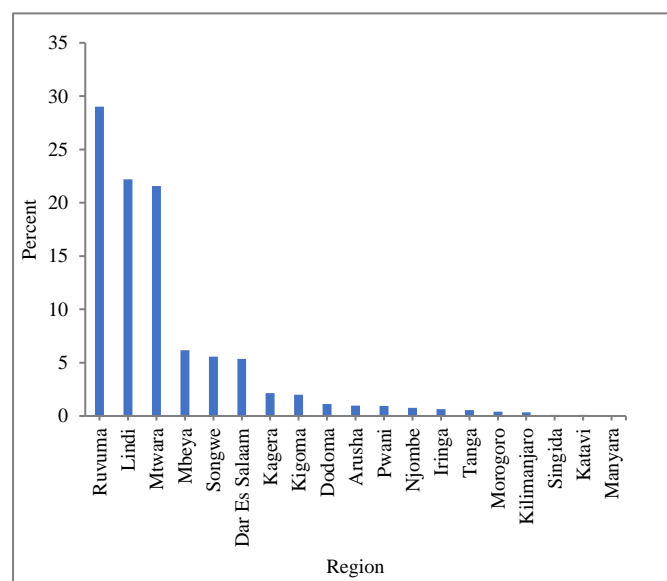


**Figure 3.72: Percentage Distribution of Households Using Herbicides During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar**

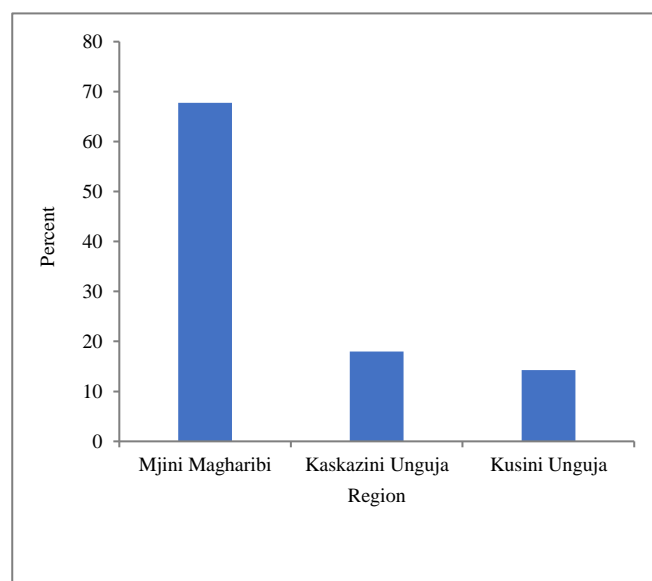


The number of households reported to use herbicide on their permanent crops in Tanzania was 134,933 out of which 134,505 households were in Tanzania Mainland and 428 in Tanzania Zanzibar. In Mainland Tanzania, Ruvuma region was leading with 39,025 households (29.0 percent) using herbicides, followed by Lindi (29,856; 22.2 percent) and Mtwara (28,998; 21.6 percent). Region with the least use of herbicides was observed in Manyara (93; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region was leading with 290 households (67.8 percent) using herbicides, followed by Kaskazini Unguja (77; 18.0 percent), whilst, the least percentage was in Kusini Unguja (61; 14.3 percent) (Figure 3.73 & 3.74).

**Figure 3.73: Percentage Distribution of Households Using Herbicides for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.74: Percentage Distribution of Households Using Herbicides for Permanent Crops During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.4.3.2 Area Applied with Herbicides

The census results show that, 1,224,365 hectares equivalent to 8.8 percent of the total planted area were applied with herbicide (1,214,467 hectares in Mainland Tanzania and 9,898 hectares in Tanzania Zanzibar). The large part of the planted area was applied with herbicides during long rainy season (817,877 ha) compared with short rainy season (231,621 ha) and in permanent crops (174,867 ha) (Table 3.27).

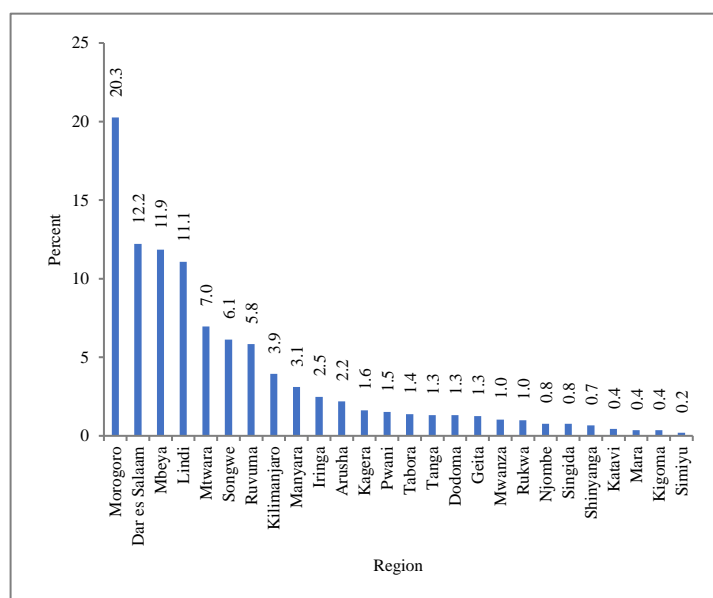
**Table 3.27: Area Applied with Herbicides by Season During 2019/20 Agricultural Year, Tanzania**

Season	Tanzania	Mainland Tanzania	Tanzania Zanzibar	Total
Short Rainy (ha)	231,621	227,925	3,696	463,242
Long Rainy (ha)	817,877	811,784	6,093	1,635,754
Permanent Crop (ha)	174,867	174,758	109	349,734
<b>Total</b>	<b>1,224,365</b>	<b>1,214,467</b>	<b>9,898</b>	<b>2,448,730</b>

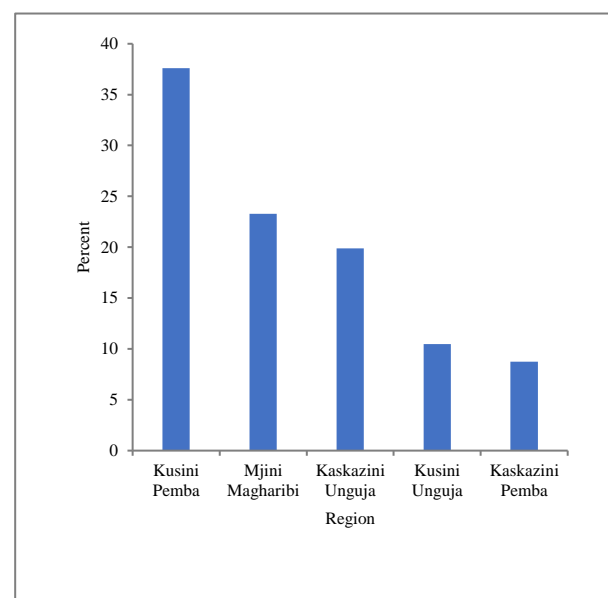
The census results reveal that, area applied with herbicide varies across regions. In Mainland Tanzania, Morogoro region had the largest area applied with herbicides (245,989 ha; 20.3 percent), followed by Dar es Salaam region (148,415 ha; 12.2 percent), the smallest area applied with herbicide was recorded in Simiyu region (2,274 ha; 0.2 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest area applied with herbicides (3,722 ha; 37.6 percent), followed by Mjini Magharibi region (2,305 ha; 23.3 percent), the smallest area

applied with herbicides was recorded in Kaskazini Pemba region (865 ha; 8.7 percent) (Figure 3.75 & 3.76).

**Figure 3.75: Percentage Distribution of Area Applied with Herbicides During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.76: Percentage Distribution of Area Applied with Herbicides During 2019/20 Agricultural Year, Tanzania Zanzibar**

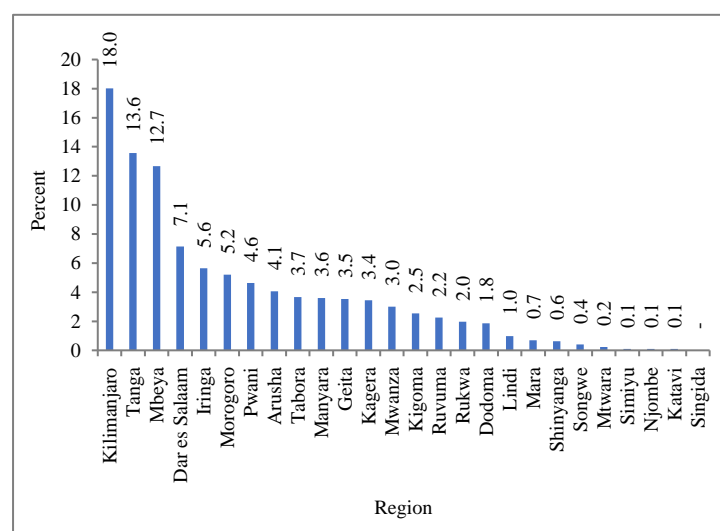


### 3.4.4 Fungicides

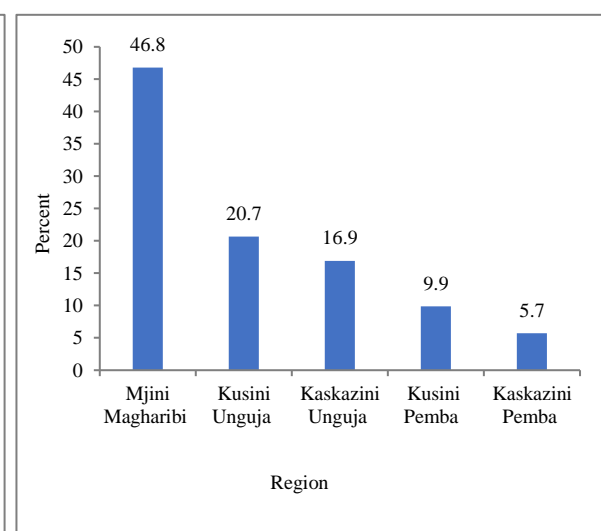
#### 3.4.4.1 Households Using Fungicides

The 2019/20 NSCA results show that, a total of 151,973 households reported to use fungicides during the short rainy season of which 143,122 households were in Mainland Tanzania and 8,851 households in Tanzania Zanzibar. The results further revealed that, in Mainland Tanzania, Kilimanjaro region had the highest number of 25,791 households (18.0 percent) reported to use fungicides, followed by Tanga (19,422 households; 13.6 percent) and Mbeya (18,144 households; 12.7 percent), while the lowest number were reported in both Katavi and Njombe (124 households; 0.1 percent). On the other hand, in Tanzania Zanzibar, Mjini Magharibi reported the highest number of households (4,143; 46.8 percent), followed by Kusini Unguja region (1,830 households; 20.7 percent), while Kaskazini Pemba region had the lowest number of 505 households (5.7 percent) reported to use fungicides (Figure 3.77 & 3.78) (Table 3.28).

**Figure 3.77: Percentage Distribution of Households Using Fungicides During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania**

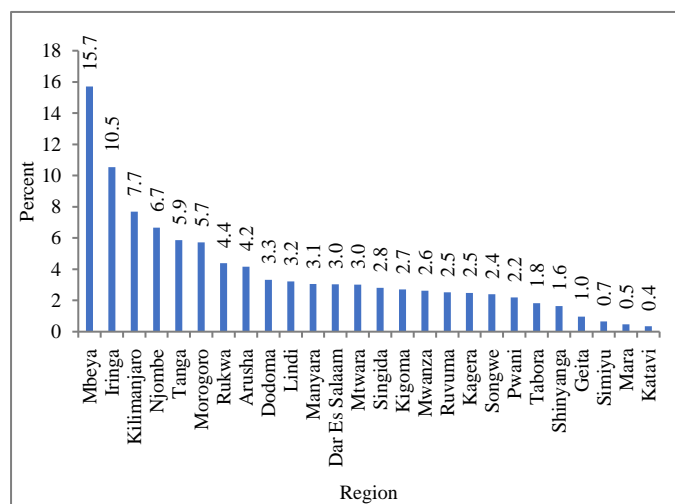


**Figure 3.78: Percentage Distribution of Households Using Fungicides During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar**

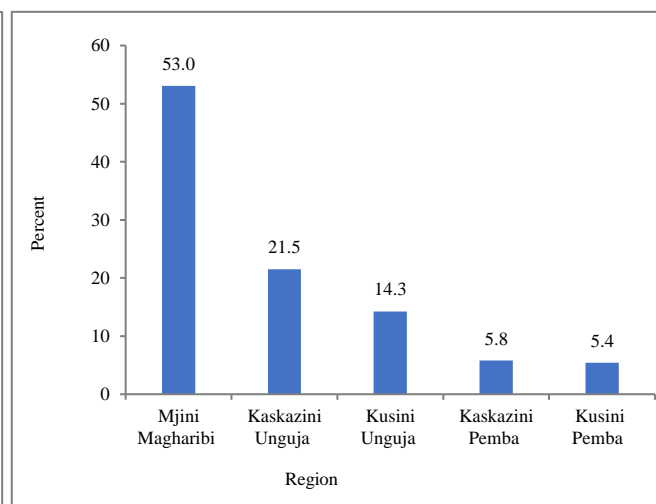


During long rainy season, a total of 275,175 households were reported to use fungicides (270,228 households in Mainland Tanzania and 4,947 households in Tanzania Zanzibar). The results further revealed that, in Mainland Tanzania, Mbeya region had the highest number of households used fungicides (42,471 households; 15.7 percent), followed by Iringa (28,480 households; 10.5 percent) and Kilimanjaro (20,761 households; 7.7 percent). The lowest number of households that applied fungicides was reported in Katavi region (965; 0.4 percent). In Tanzania Zanzibar, Mjini Magharibi region was reported the highest number of 2,624 households (53.0 percent), followed by Kaskazini Unguja region (1,064 households; 21.5 percent), while Kusini Pemba region had the lowest number of 268 households (5.4 percent) reported to use fungicides (Figure 3.79 & 3.80) (Table 3.28).

**Figure 3.79: Percentage Distribution of Households Using Fungicides During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania**

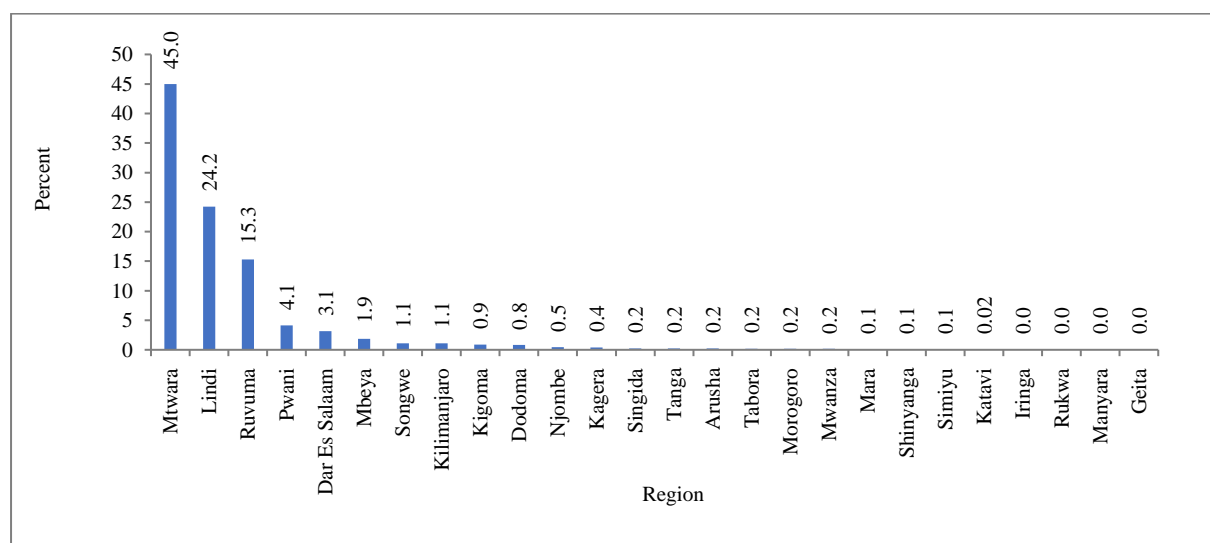


**Figure 3.80: Number of Households Reported to Use Fungicides During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar**



For the permanent crops, the number of households reported to use fungicides in Tanzania was 302,304, out of which 302,181 households were in Mainland Tanzania and 123 households in Tanzania Zanzibar. In Mainland Tanzania, Mtwara region had the highest number (135,994 households; 45.0 percent) reported to use fungicides, followed by Lindi (73,249 households; 24.2 percent) and Ruvuma (46,186 households; 15.3 percent). The lowest number of households was reported in Katavi region (70; 0.02 percent). In Tanzania Zanzibar, only Kusini Pemba region reported the number of 123 households equivalent to 100 percent of the households reported to use fungicides on their permanent crops (Figure 3.81 & Table 3.27).

**Figure 3.81: Percentage Distribution of Households Using Fungicides for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania**



**Table 3.28: Number of Households Reported to Use Fungicides by Season During 2019/20 Agricultural Year**

Coverage	Planting Season	Total Number of Households Planted Crops	Households used Fungicides	
			Number	Percent
Mainland Tanzania	Short Rainy	2,889,671	143,122	5.0
	Long Rainy	5,600,987	270,228	4.8
	Permanent	2,918,929	302,181	10.4
Tanzania Zanzibar	Short Rainy	153,078	8,851	5.8
	Long Rainy	135,576	4,947	3.6
	Permanent	132,582	123	0.1
Tanzania	Short Rainy	3,042,749	151,973	5.0
	Long Rainy	5,736,563	275,175	4.8
	Permanent	3,051,511	302,304	9.9

### 3.4.4.2 Area Applied with Fungicides

The census results show that, 733,484 ha equivalent to 5.3 percent of the total planted area were applied with fungicides, of which 728,325 ha were in Mainland Tanzania and 5,159 ha in Tanzania Zanzibar). Among of the total planted area applied with fungicides, 84,780 ha applied during short rainy season; 179,141 ha during long rainy season and 469,563 ha applied in the permanent crops (Table 3.29).

**Table 3.29: Area Applied with Fungicides by Season During 2019/20 Agricultural Year, Tanzania**

Coverage	Planting Season	Total Planted Area (ha)	Area Applied with Fungicides	
			Area (ha)	Percent
Mainland Tanzania	Short Rainy	3,269,062	81,154	2.5
	Long Rainy	8,370,000	177,613	2.1
	Permanent	1,926,256	469,557	24.4
	<b>Sub-Total</b>	<b>13,565,318</b>	<b>728,325</b>	<b>5.4</b>
Tanzania Zanzibar	Short Rainy	66,658	3,626	5.4
	Long Rainy	59,356	1,528	2.6
	Permanent	59,264	6	0.0
	<b>Sub-Total</b>	<b>185,278</b>	<b>5,159</b>	<b>2.8</b>
Tanzania	Short Rainy	3,335,720	84,780	2.5
	Long Rainy	8,429,356	179,141	2.1
	Permanent	1,985,520	469,563	23.6
	<b>Total</b>	<b>13,750,596</b>	<b>733,484</b>	<b>5.3</b>



The census results reveal that, the area applied with fungicides varies across regions. In Mainland Tanzania, Mtwara region had the largest area applied with fungicides (234,207 ha; 32.2 percent), followed by Lindi (137,510 ha; 18.9 percent) and Mbeya (48,584 ha; 6.7 percent), while the smallest area was reported in Katavi region (699 ha; 0.1 percent). In Tanzania Zanzibar, Mjini Magharibi region had the largest area applied with fungicides (2,701 ha; 52.3 percent), followed by Kaskazini Unguja (1,176 ha; 22.8 percent), while Kaskazini Pemba region reported the smallest area (129 ha; 2.5 percent).

### 3.4.5 Insecticides

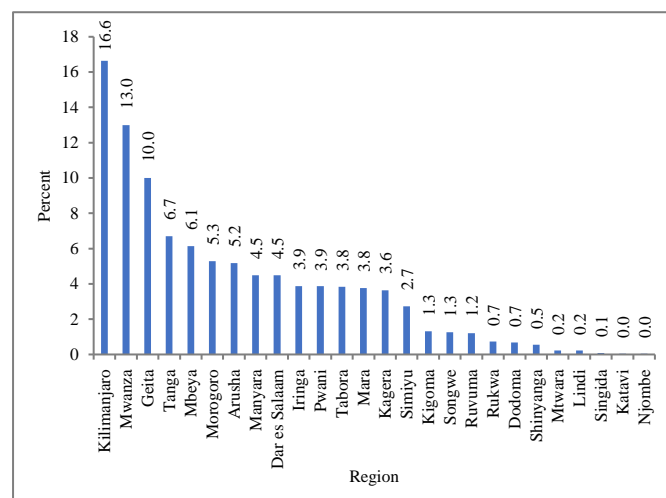
#### 3.4.5.1 Households Using Insecticides

The results from 2019/20 NSCA show that, a total of 685,423 households reported to use insecticide during the short rainy season (663,127 households in Mainland Tanzania and 22,296 households in Tanzania Zanzibar). In Mainland Tanzania, Kilimanjaro region was leading with 110,335 households (16.6 percent) using insecticides, followed by Mwanza (86,213 households; 13.0 percent) and Geita (66,275 households; 10.0 percent), while the least use of insecticides was recorded in Njombe region (248 households; 0.04 percent). In Tanzania Zanzibar, Mjini Magharibi region was leading with 6,729 households (38.7 percent) using insecticides, followed by Kaskazini Unguja (5,240 households; 25.0 percent), whilst, the least percentage was in Kaskazini Pemba (2,623 households; 7.9 percent) (Table 3.30) (Figure 3.82 & 3.83).

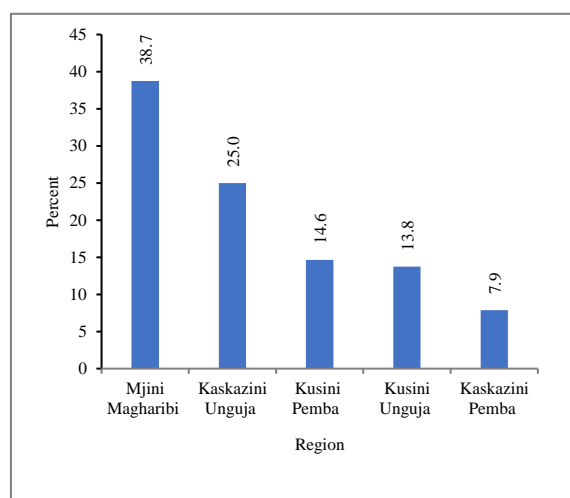
**Table 3.30: Number of Households Reported to Use Insecticide by Season During 2019/20 Agricultural Year, Tanzania**

Coverage	Planting Season	Total Number of Households Planted Crops	Households Used Insecticides	
			Households	Percent
Mainland Tanzania	Short Rainy	2,889,671	663,127	22.9
	Long Rainy	5,600,987	1,276,566	22.8
	Permanent	2,918,929	357,772	12.3
Tanzania Zanzibar	Short Rainy	153,078	8,205	5.4
	Long Rainy	135,576	3,859	2.8
	Permanent	132,582	1,675	1.3
Tanzania	Short Rainy	3,042,749	539,082	17.7
	Long Rainy	5,736,563	1,307,011	22.8
	Permanent	3,051,511	359,447	11.8

**Figure 3.82: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Short Rainy Season, Mainland Tanzania**

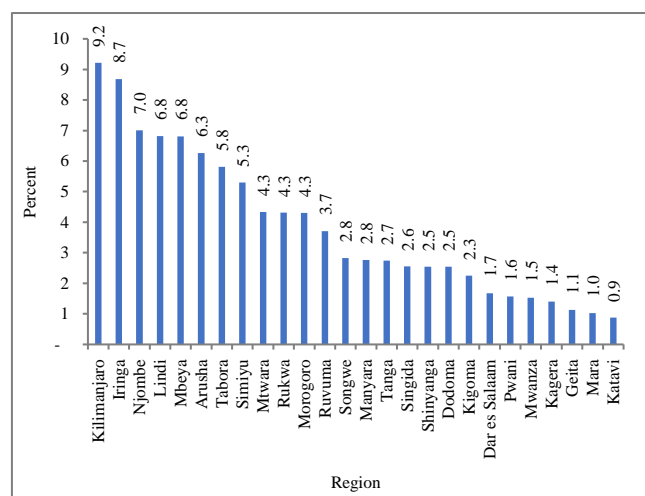


**Figure 3.83: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Short Rainy Season, Tanzania Zanzibar**

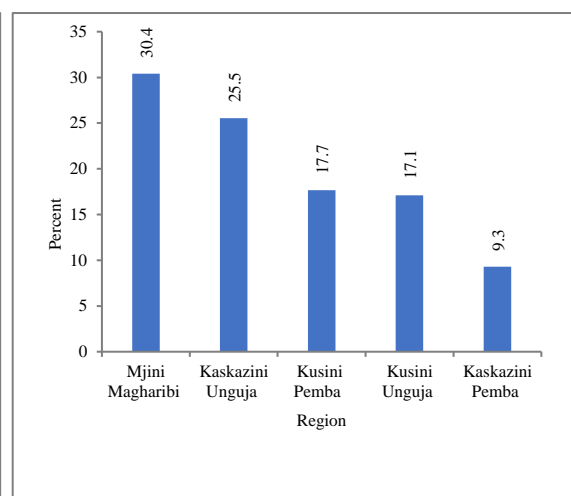


During the long rainy season, a total of 1,288,723 (1,276,566 households in Mainland Tanzania and 12,157 in Tanzania Zanzibar). In Mainland Tanzania, Kilimanjaro region was leading with 117,708 households (9.2 percent) using insecticides, followed by Iringa (110,792; 8.7 percent) and Njombe (89,421; 7.0 percent). Region with the least use of insecticides was observed in Katavi (11,143; 0.9 percent). In Tanzania Zanzibar, Mjini Magharibi region was leading with 3,361 households (30.4 percent) using insecticides, followed by Kaskazini Unguja (3,255; 25.5 percent), whilst, the least percentage was in Kaskazini Pemba (1,158; 9.3 percent) (Figure 3.84 & 3.85).

**Figure 3.84: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Long Rainy Season, Mainland Tanzania**

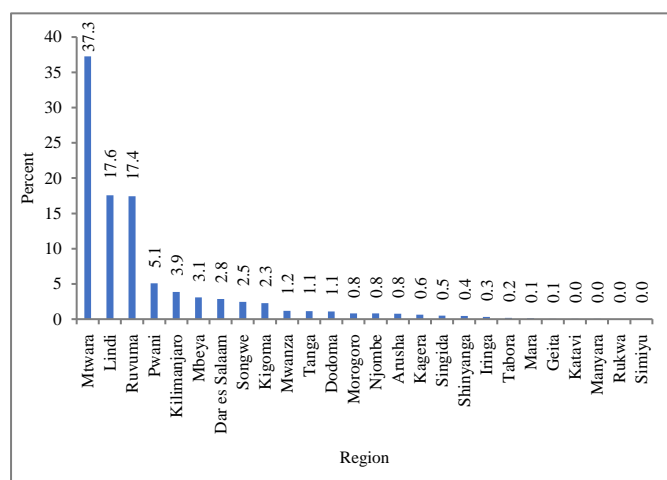


**Figure 3.85: Percentage Distribution of Households Using Insecticides During 2019/20 Agricultural Year in Long Rainy Season, Tanzania Zanzibar**

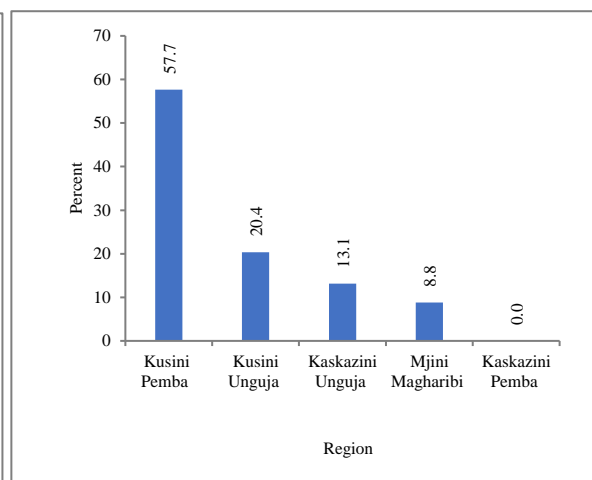


The number of households reported to use insecticide on their permanent crops in Tanzania was 359,447 out of which 357,772 households were in Tanzania Mainland and 1,675 in Tanzania Zanzibar. In Mainland Tanzania, Mtwara region was leading with 133,278 households (37.3 percent) using insecticides, followed by Lindi (62,873; 17.6 percent) and Ruvuma (62,292; 17.4 percent). Region with the least use of insecticides was observed in Manyara (93; 0.03 percent). In Tanzania Zanzibar, Kusini Pemba region was leading with 966 households (57.7 percent) using insecticides, followed by Kusini Unguja (341; 20.4 percent), whilst, the least percentage was in Mjini Magharibi (148; 8.8 percent) (Figure 3.86 & 3.87).

**Figure 3.86: Percentage Distribution of Households Using Insecticides for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.87: Percentage Distribution of Households Using Insecticides for Permanent Crops, Tanzania Zanzibar**



### 3.4.5.2 Area Applied with Insecticides

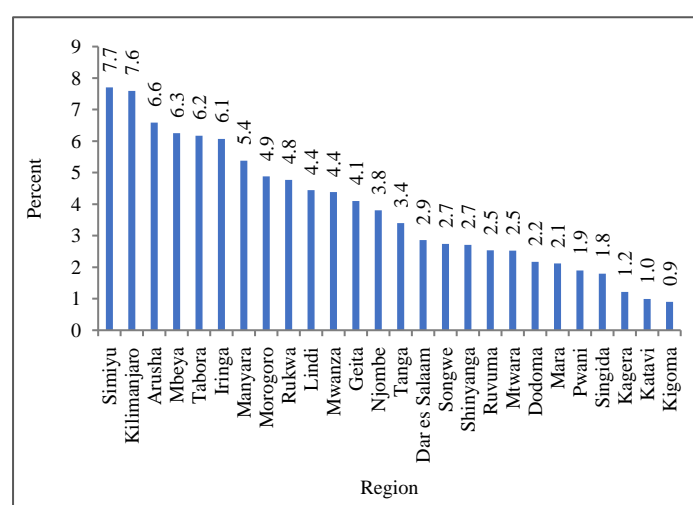
The census results show that, 1,846,093 hectares equivalent to 13.4 percent of the total planted area were applied with insecticide, (1,834,029 hectares were in Mainland Tanzania and 12,064 hectares in Tanzania Zanzibar). During long rainy season, large planted area was applied with insecticides (1,307,011 ha) compared to short rainy season (539,082 ha) and permanent crops (477,5228 ha) (Table 3.31).

**Table 3.31: Area Applied with Insecticide by Season During 2019/20 Agricultural Year, Tanzania**

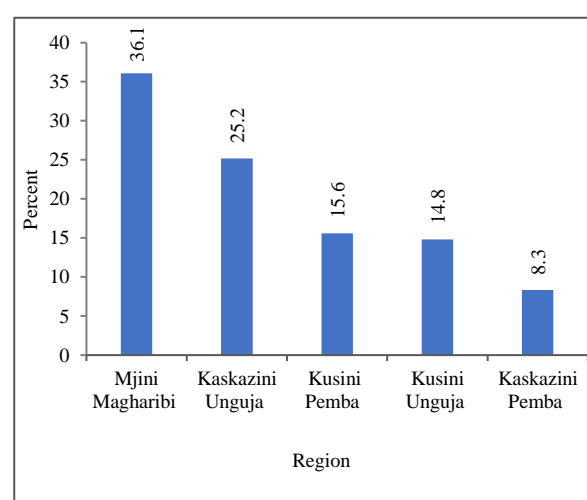
Coverage	Planting Season	Total Planted Area (ha)	Area Applied with Insecticides	
			Area (ha)	Percent
Mainland Tanzania	Short Rainy	3,269,062	530,877	16.2
	Long Rainy	8,370,000	1,303,152	15.6
	Permanent	1,926,256	477,098	24.8
	<b>Sub-total</b>	<b>13,565,318</b>	<b>1,834,029</b>	<b>13.5</b>
Tanzania Zanzibar	Short Rainy	66,658	8,205	12.3
	Long Rainy	59,356	3,859	6.5
	Permanent	59,264	430	0.7
	<b>Sub-total</b>	<b>185,278</b>	<b>12,064</b>	<b>6.5</b>
Tanzania	Short Rainy	3,335,720	539,082	16.2
	Long Rainy	8,429,356	1,307,011	15.5
	Permanent	1,985,520	477,528	24.1
	<b>Total</b>	<b>13,750,596</b>	<b>1,846,093</b>	<b>13.4</b>

The census results reveal that, area applied with insecticide varies across regions. In Mainland Tanzania, Simiyu region had the largest area applied with insecticide (141,376 ha; 7.7 percent), followed by Kilimanjaro (139,299 ha; 7.6 percent) and Arusha (120,760 ha; 6.6 percent), while Kigoma region had the least area applied with insecticide (16,522 ha; 0.9 percent). In Tanzania Zanzibar, Mjini Magharibi region had the largest area applied with insecticide (4,350 ha; 36.1 percent), followed by Kaskazini Unguja (3,038 ha; 25.2 percent), while Kaskazini Pemba region had the least area applied with insecticide (1,004 ha; 8.3 percent) (Figures 3.88 & 3.89).

**Figure 3.88: Percentage Distribution of Area Applied with Insecticides During 2019/20 Agricultural Year, Mainland Tanzania**

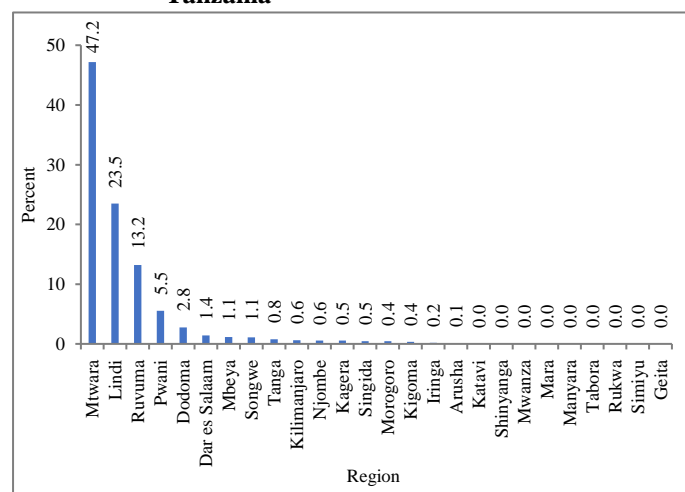


**Figure 3.89: Percentage Distribution of Area Applied with Insecticides During 2019/20 Agricultural Year, Tanzania Zanzibar**

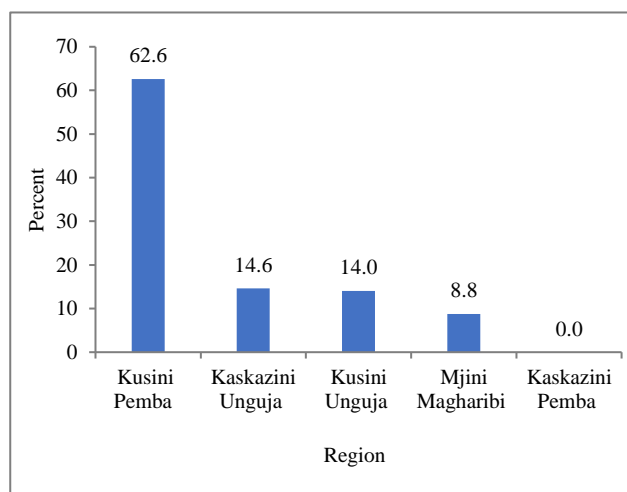


For permanent crops, in Mainland Tanzania, Mtwara region had the largest area applied with insecticide (225,059 ha; 47.2 percent), followed by Lindi (111,971 ha; 23.5 percent) and Ruvuma (62,996 ha; 13.2 percent), whereas Tabora region recorded the least area applied with insecticide (0.4 ha; less than 0.1 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest area applied with insecticide for permanent crops (269 ha; 62.6 percent), followed by Kaskazini Unguja (63 ha; 14.6 percent), whilst Mjini Magharibi region recorded the least area applied with insecticide (38 ha; 8.8 percent) (Figures 3.90 & 3.91).

**Figure 3.90: Percentage of Area Applied with Insecticide for Permanent Crops During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 3.91: Percentage of Area Applied with Insecticide for Permanent Crops During 2019/20 Agricultural Year, Tanzania Zanzibar**



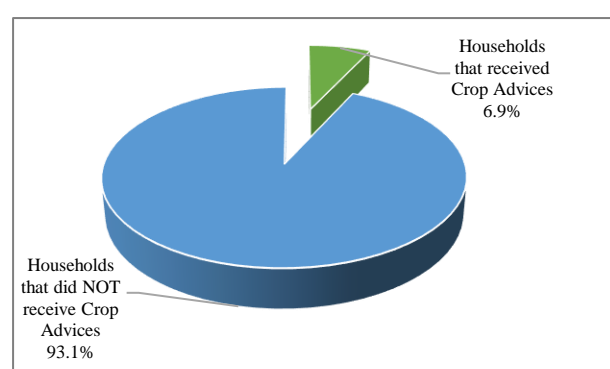
### 3.5 Crop Extension Services

This section presents information on various extension services received, sources and practices by crop growing households during 2019/20 agricultural year. The extension services discussed in this section include spacing, use of agrochemicals, erosion control, fertilizer and seed use, and marketing to mention the few.

#### 3.5.1 Access to Crop Extension Services

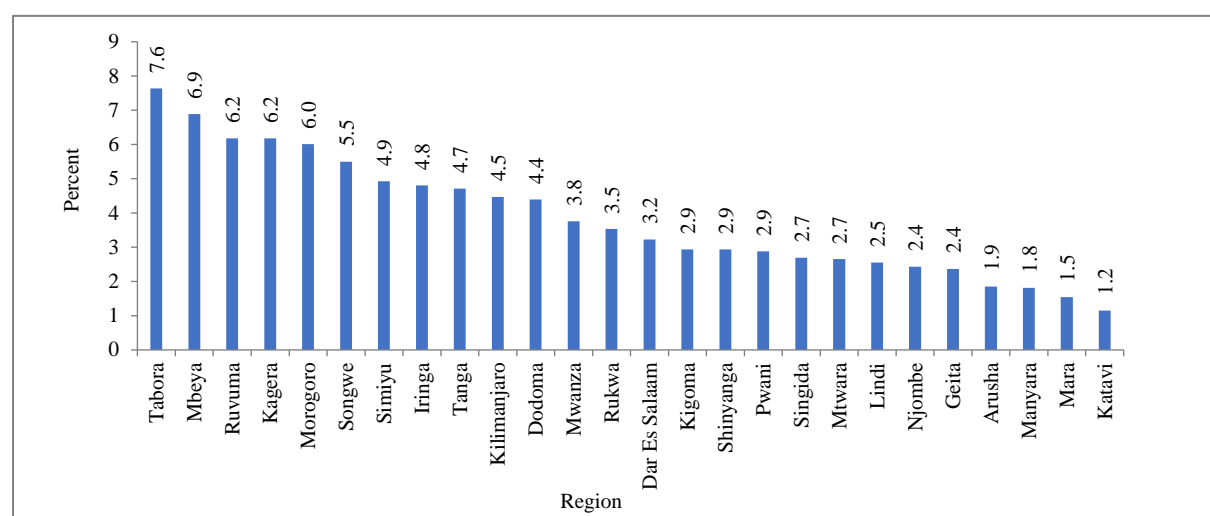
Out of 7,677,291 crop growing households in Tanzania, 537,701 households (6.9 percent) received crop extension advices during 2019/20 agricultural year. Out of the total households received crop extension advices in Tanzania, 519,802 households were from Mainland Tanzania and 17,899 in Tanzania Zanzibar (Figure 3.92).

**Figure 3.92: Percentage Distribution of Agricultural Households Receiving Crop Extension Advices During 2019/20 Agricultural Year, Tanzania**



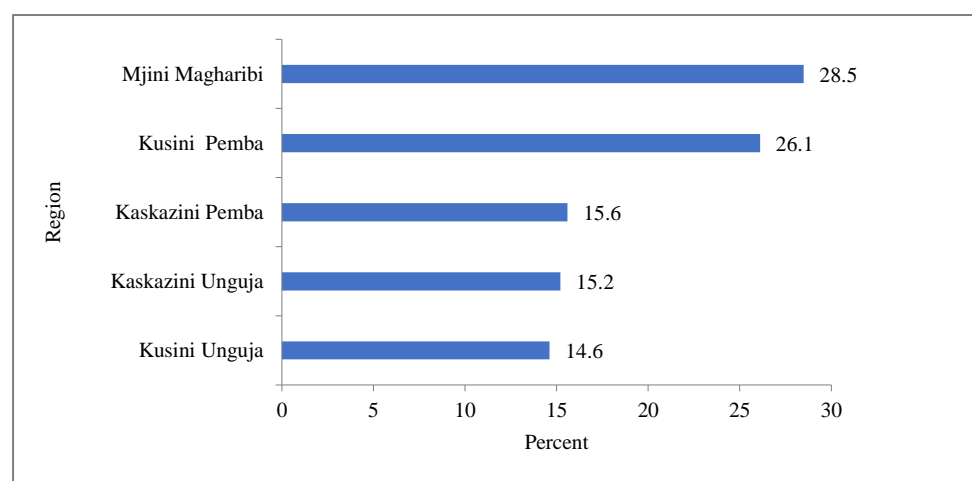
In Mainland Tanzania, from the total number of households reported to receive extension advices, Tabora region had largest number of households (39,697; 7.6 percent), followed by Mbeya (35,796; 6.9 percent) and Ruvuma (32,104; 6.2 percent). On the other hand, Katavi region reported the least number of households received extension advices (5,994; 1.2 percent) (Figure 3.93).

**Figure 3.93: Percentage Distribution of Agricultural Households Reported to Receive Crop Extension Advices by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, Mjini Magharibi had the highest number of the households that received crop extension advices (5,099; 28.5 percent), followed by Kusini Pemba (4,672; 26.1 percent) and the least proportion of households was in Kusini Unguja (2,616; 14.6 percent) (Figure 3.94).

**Figure 3.94: Percentage Distribution of Agricultural Households Receiving Crop Extension Advices by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**

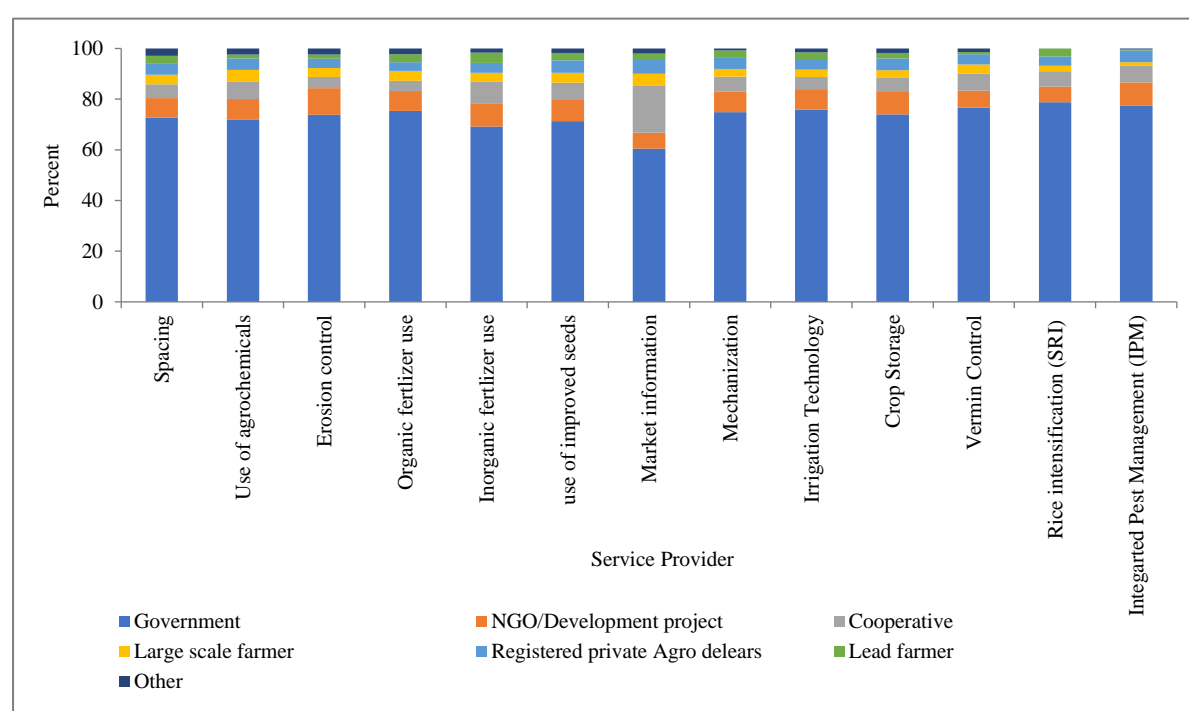


As compared to the 2007/08 Agriculture Census, the proportion of crops growing households that received crop extension service has decreased significantly from 67.0 percent in 2007/08 to 6.9 percent in 2019/20 agricultural year. This might be as a result of an increased number of farming households accompanied with the limited number of extension officers in the country.

### 3.5.2 Source of Extension Services

The government provided most of the extension advice which accounted for more than 70 percent of majority of the crop growing households while providing different kinds of extension services such as integrated pest management, rice intensification, irrigation technology and organic fertilizer use. NGOs/Development projects were reported to provide extension services by proportional of 6 to 10 percent of households among all the services reached by smallholders. Other extension service sources reported were cooperatives, large scale farmers and registered private agro dealers (Figure 3.95).

**Figure 3.95: Percentage of Agricultural Households Receiving Extension Advices by Type of Extension Service Provider During 2019/20 Agricultural Year, Tanzania**

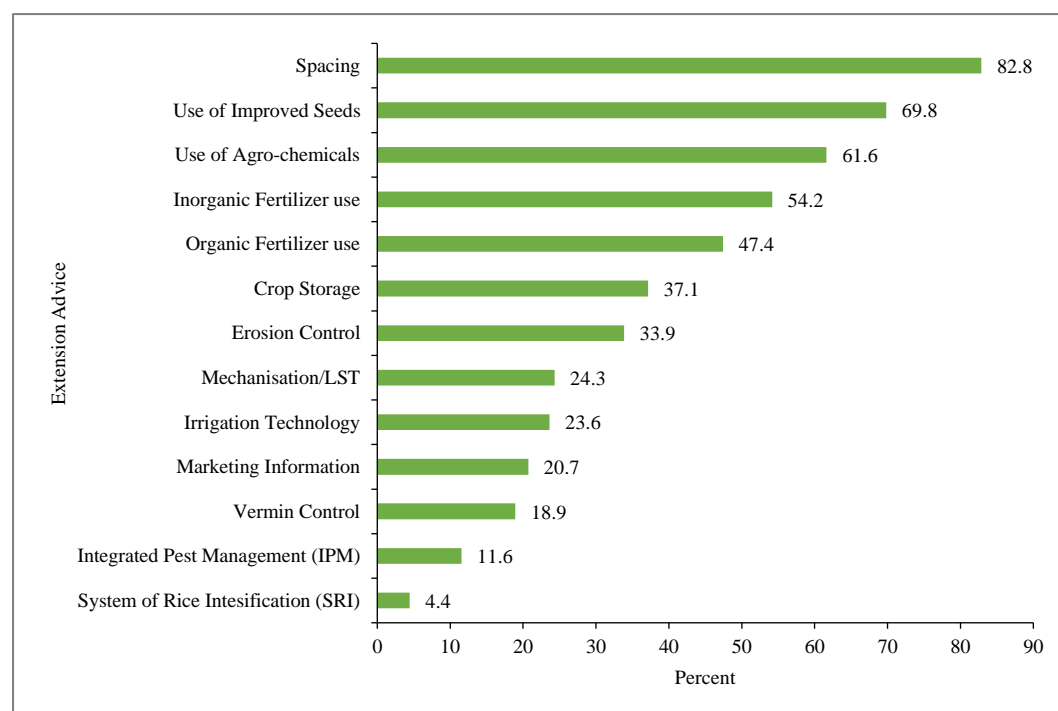


### 3.5.3 Extension Message Practices

Smallholder farmers that received extension services were asked on whether they have practiced different extension messages advice received during 2019/20 agricultural year. The results show that, among selected extension message received, spacing had the highest proportion (82.8 percent) of the agricultural households reported to practice the advice. Apart from that, use of improved seeds was practiced by 69.8 percent of the agricultural households, and use of agro-chemicals was practiced by 61.6 percent of the agricultural households. On the other hand, the least proportional of the households practiced System of Rice Intensification (SRI) (4.4 percent) (Figure 3.96).



**Figure 3.96: Percentage of Agricultural Households Received Extension Message by Type of Extension Advices Practiced During 2019/20 Agricultural Year, Tanzania**



### 3.6 Agriculture Mechanization

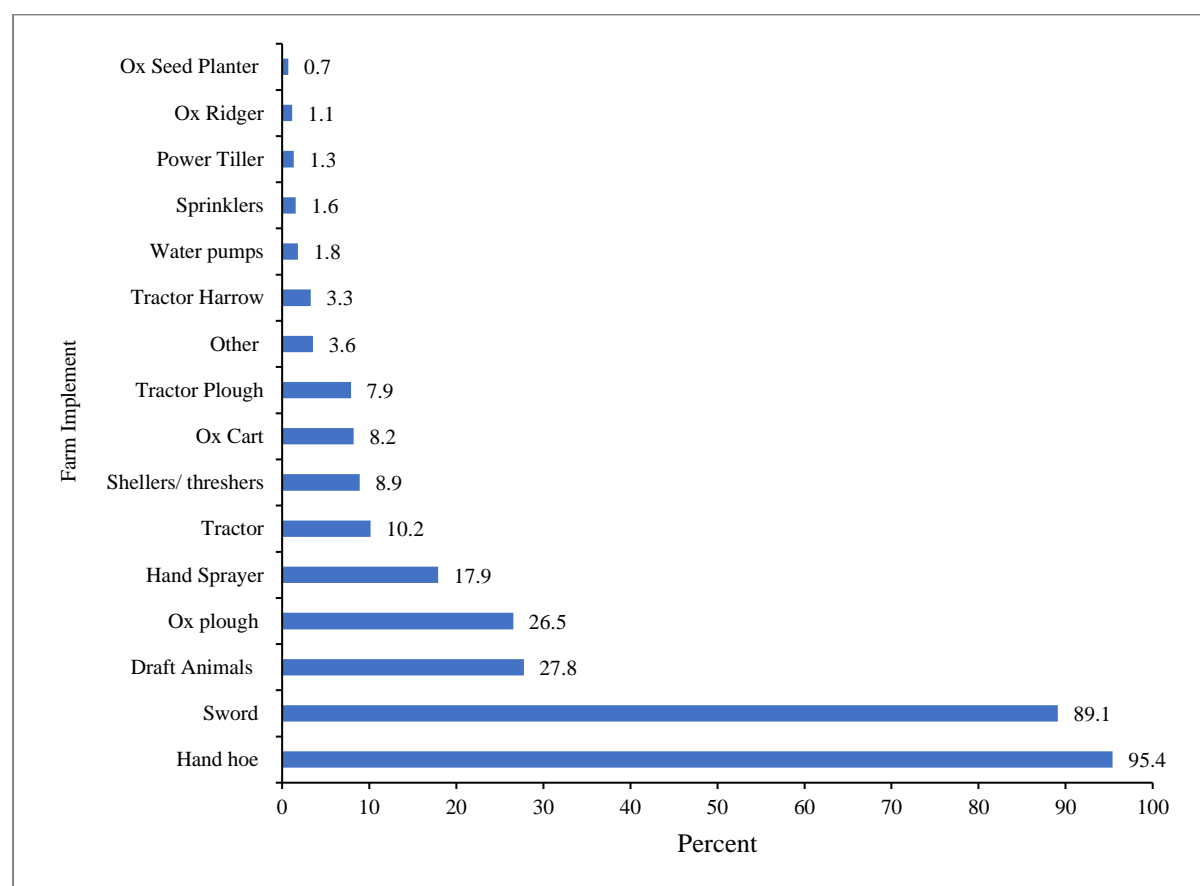
Agriculture mechanization involves application of appropriate tools, implements and machines to mechanize the work of agriculture, from simple and basic hand tools to more sophisticated and motorized equipment. It simplifies work and reduces labour while improving productivity.

#### 3.6.1 On Farm Investments

Majority of the households in Tanzania (7,477,152; 95.4 percent) reported to use hand hoe and sword (6,982,450, 89.1 percent) for their farming activities. In Mainland Tanzania, 7,309,858 households reported to use hand hoe equivalent to 95.5 percent and sword (6,808,056, 88.9 percent). In Tanzania Zanzibar, the majority of the agricultural households used sword and hand hoe (174,394; 96.8 percent and 167,294; 92.8 percent respectively).

Other farming implements used by smallholder farmers reported were draft animals (27.8 percent), ox plough (26.5 percent), hand sprayer (17.9 percent) and tractors (10.2 percent). In addition to that, less than 10 percent of households used other farming implements (Figure 3.97).

**Figure 3.97: Percentage of Agricultural Households that Reported Using Farm Implements/Assets During 2019/20 Agricultural Year, Tanzania**



All regions in Mainland Tanzania have reported the use of hand hoe for over 90 percent of their households in cultivating land, except Dar es Salaam 87.6 percent and Arusha 79.0 percent. Likewise, for the households that used sword for over 90 percent were in Lindi, Mtwara, Kigoma, Tanga, Ruvuma, Shinyanga, Kagera, Kilimanjaro, Iringa, Njombe and Dodoma regions. For the rest of the regions, the use of sword ranged from 81.1 to 89.9 percent. Similarly, in Tanzania Zanzibar, hand hoe was used by over 90 percent of the households in Kusini Pemba, Kaskazini Pemba and Mjini Magharibi regions. In addition, sword was used by more than 95 percent of the households in Zanzibar (Table 3.32).

**Table 3.32: Number and Percentage of Agricultural Households Reported to Use Farm Implements/Assets by Region During 2019/20 Agricultural Year, Tanzania**

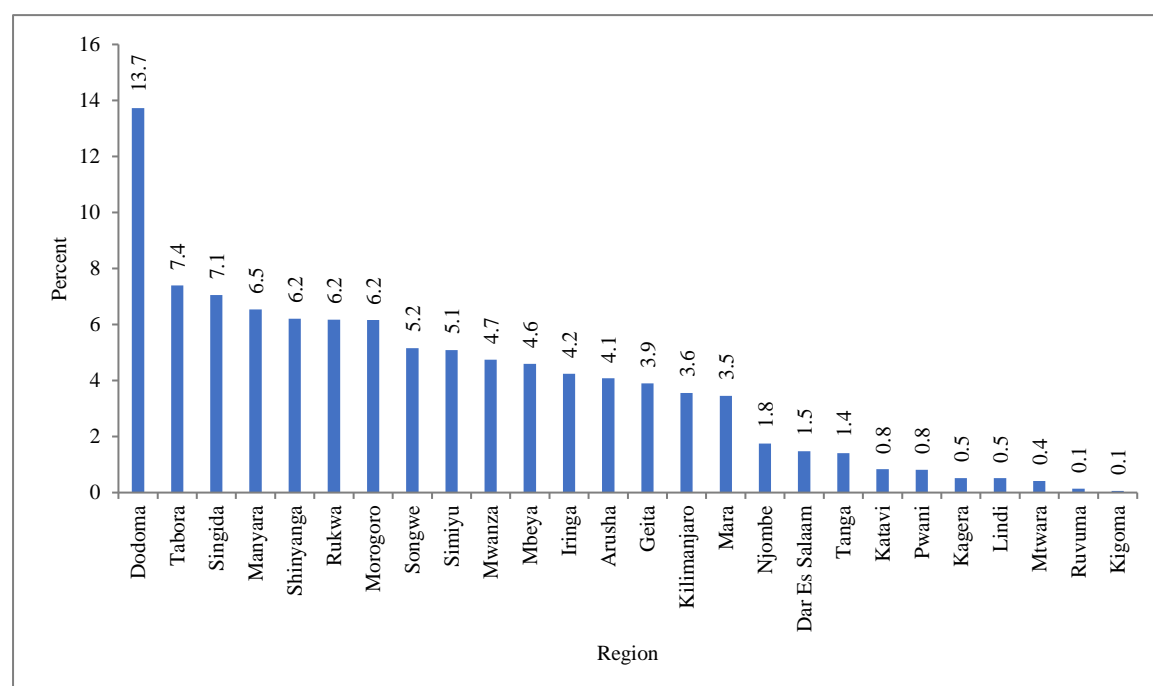
Region	Equipment/Asset											Total Agricultural Households
	Panga	Hand Hoe	Draft Animals	Ox Plough	Ox Seed Planter	Ox Cart	Tractor	Tractor Plough	Tractor Harrow	Power Tiller	Ox Ridger	
Dodoma	91.2	97.7	57.9	54.9	1.0	16.6	19.6	18.1	1.5	2.5	1.2	510,148
Arusha	75.4	79.0	25.5	21.9	4.0	6.5	38.0	26.3	9.9	0.7	2.3	221,016
Kilimanjaro	94.3	96.1	6.6	5.7	0.8	1.1	31.5	20.2	8.5	1.3	0.4	294,311
Tanga	95.5	96.8	1.4	1.7	0.3	0.7	11.8	9.5	1.6	0.7	0.2	351,412
Morogoro	88.7	94.3	18.5	18.2	1.8	2.7	33.7	26.5	9.1	0.7	0.8	413,216
Pwani	89.4	91.4	1.9	2.0	0.1	0.4	9.0	7.4	2.7	0.2	0.5	217,921
Dar es Salaam	83.4	87.6	3.8	5.5	1.0	1.7	10.2	9.1	6.8	1.5	0.7	414,300
Lindi	97.1	98.1	0.1	0.2	0.2	0.1	7.2	6.0	0.1	0.2	-	229,664
Mtwara	97.1	98.7	0.1	0.4	0.1	0.1	4.6	3.4	3.8	0.3	0.1	305,034
Ruvuma	95.4	99.0	0.4	0.1	0.1	0.6	1.9	1.3	0.7	0.2	0.2	332,020
Iringa	92.4	98.9	38.0	36.5	0.7	5.8	14.0	12.9	2.4	8.1	0.9	209,485
Mbeya	83.4	95.6	28.0	26.8	1.2	1.2	3.0	3.1	5.2	9.7	1.0	380,639
Singida	89.5	98.2	69.2	62.8	0.1	24.3	4.5	2.4	1.0	0.2	1.1	272,662
Tabora	88.1	97.6	56.8	57.6	0.1	24.8	2.2	1.5	1.3	0.4	3.0	369,971
Rukwa	85.1	91.0	75.1	73.6	0.2	11.1	0.7	0.5	2.8	2.6	2.9	218,249
Kigoma	95.7	99.2	0.9	0.4	0.2	0.4	-	-	0.3	-	0.2	348,378
Shinyanga	95.0	98.7	76.5	69.6	0.5	20.8	3.4	2.7	0.5	0.1	1.6	204,926
Kagera	94.6	98.4	3.3	2.9	0.7	1.8	0.6	0.3	4.3	0.3	0.4	483,019
Mwanza	78.6	94.4	33.2	33.4	0.3	7.3	1.3	1.1	1.3	0.4	1.1	406,034
Mara	89.9	92.7	45.5	45.3	0.3	4.2	1.6	1.8	5.8	0.2	1.2	233,931
Manyara	78.8	90.9	37.2	35.7	2.6	18.7	39.7	29.7	2.5	0.6	2.3	272,224
Njombe	92.0	96.3	25.3	28.8	0.2	2.5	2.0	1.7	1.2	0.2	0.6	160,108
Katavi	76.6	93.3	39.0	37.9	0.4	13.2	1.2	1.0	0.8	0.1	3.7	76,867
Simiyu	89.0	98.2	61.3	60.3	0.3	33.9	15.2	10.5	1.3	0.3	1.4	180,689
Geita	81.1	98.1	37.1	34.5	0.1	10.9	0.6	0.5	0.7	-	1.4	269,141
Songwe	84.8	96.1	51.7	43.6	1.4	23.0	0.9	1.1	4.5	0.6	4.3	281,820
<b>Mainland Tanzania</b>	<b>88.9</b>	<b>95.5</b>	<b>28.3</b>	<b>27.1</b>	<b>0.7</b>	<b>8.3</b>	<b>10.2</b>	<b>8.0</b>	<b>3.3</b>	<b>1.3</b>	<b>1.2</b>	<b>7,657,185</b>
Kaskazini Unguja	96.3	86.4	1.5	0.4	0.4	1.4	13.2	5.6	6.8	0.3	0.5	31,594
Kusini Unguja	96.7	80.4	4.3	0.6	-	9.9	11.4	12.1	11.2	2.0	-	17,593
Mjini Magharibi	93.6	91.6	13.3	13.7	-	6.0	7.4	5.7	5.0	4.2	0.4	35,873
Kaskazini Pemba	96.8	97.7	0.9	-	-	0.4	2.9	1.3	-	-	0.3	40,781
Kusini Pemba	99.1	97.8	0.6	0.3	0.3	3.2	7.5	6.5	0.5	0.3	0.3	54,379
<b>Tanzania Zanzibar</b>	<b>96.8</b>	<b>92.8</b>	<b>3.7</b>	<b>2.9</b>	<b>0.1</b>	<b>3.5</b>	<b>7.8</b>	<b>5.6</b>	<b>3.5</b>	<b>1.2</b>	<b>0.3</b>	<b>180,220</b>
<b>Tanzania</b>	<b>89.1</b>	<b>95.4</b>	<b>27.8</b>	<b>26.5</b>	<b>0.7</b>	<b>8.2</b>	<b>10.2</b>	<b>7.9</b>	<b>3.3</b>	<b>1.3</b>	<b>1.1</b>	<b>7,837,405</b>

Comparatively, there is a decrease of 2.2 percent in use of hand hoe from 97.6 percent in 2007/08 to 95.4 percent in 2019/20 agricultural year. On the other hand, there was a slight increase in the use of tractor plough from 7.3 percent in 2007/08 to 7.9 percent in 2019/20.

### 3.6.2 Use of Tractors and Draft Animals

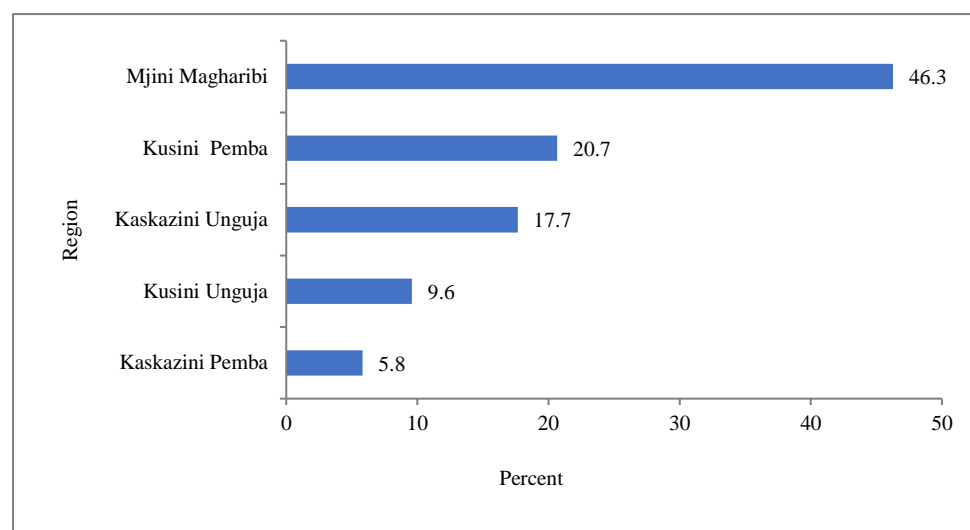
In Tanzania, 2,606,143 equivalents to 33.3 percent of the agricultural households used tractors/draft animals for agricultural activities, out of which 2,592,870 households were in Mainland Tanzania and 13,273 in Tanzania Zanzibar. In Mainland Tanzania, Dodoma region had the highest proportion of households using tractors/draft animals (13.7 percent), followed by Tabora (7.4 percent) and Singida (7.1 percent). The least proportion of households that used tractors/draft animals was in Kigoma region with 0.1 percent (Figure 3.98).

**Figure 3.98: Percentage of Agricultural Households Reported Using Farm Tractors/Draft Animals by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, Mjini Magharibi was leading with 46.3 percent of the households using tractors or draft animals, followed by Kusini Pemba (20.7 percent), whilst the least proportion of the households using the same was in Kaskazini Pemba (5.8 percent) (Figure 3.99).

**Figure 3.99: Percentage of Agricultural Households that Reported Using Tractors/Draft Animals by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 3.7 Crop Marketing

This section presents the results on crop commercialization and main marketing challenges. Crop commercialization focuses on cereals, roots and tubers, fruit and vegetables, pulses, and oils seeds and nuts. Crop commercialization is defined here as the production of agricultural crops for sale in the market, rather than for family consumption. The degree of commercialization is determined using the crop commercialization index. Commercialization index of “0” implies that a household is completely engaged in crop production for subsistence (for family consumption), while commercialization index of “100” implies that a household is completely engaged in crop production for market (full commercialization).

#### 3.7.1 Crop Commercialization

Census results show that, the level of crop commercialization depends on the type of the crop produced. In Tanzania, the average commercialization index for fruit and vegetables was 60.8 percent, pulses were 22.1 percent, oils seeds and nuts 21.2 percent, cereals 19.0 percent and roots and tubers were 14.5 percent.

The higher crop commercialization index recorded for fruit and vegetables (60.8 percent) is an indication that on average most quantity of fruit and vegetables produced were marketed and only 39 percent were not sold. On the other hand, low crop commercialization indices recorded for cereals, roots and tubers, pulses, oils seeds and nuts indicate that, on average these crops were mostly produced for household consumption.

However, census results at regional level show that, some regions recorded commercialization index of more than 50 percent. In Mainland Tanzania, these regions were Dar es Salaam (63.7 percent for cereals) and Mbeya (87.4 percent for roots and tubers). In terms of fruit and vegetables it was higher in Iringa (92.2 percent), Kilimanjaro (92.1 percent) and Arusha (81.6 percent) and in terms of oil and seeds and nuts it was higher in Pwani (82.7 percent). In Tanzania Zanzibar, only Kaskazini Pemba recorded commercialization index of more than 50.3 percent for oils seeds and nuts (Table 3.33).

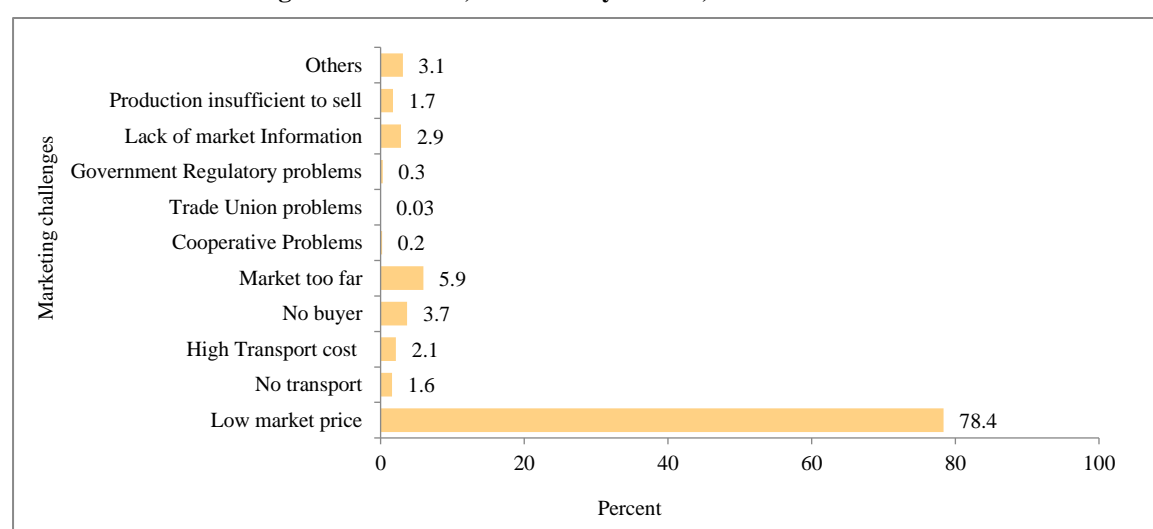
**Table 3.33: Crop Commercialization Index by Crop Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Crop Commercialization Indices (Percent)				
	Cereals	Roots and Tubers	Fruit and Vegetables	Pulses	Oils Seeds and Nuts
Dodoma	8.8	27.1	55.2	19.9	19.9
Arusha	12.1	68.3	81.6	25.3	5.8
Kilimanjaro	26.8	61.4	92.1	32.1	9.2
Tanga	27.2	58.3	76.1	22.3	15.6
Morogoro	16.3	19.7	34.5	24.1	25.6
Pwani	9.9	23.7	41.0	14.8	82.7
Dar es Salaam	63.7	8.8	47.7	22.7	25.3
Lindi	3.4	6.7	48.6	33.0	71.2
Mtwara	5.8	1.0	59.6	26.7	42.8
Ruvuma	38.6	19.6	68.1	39.2	47.0
Iringa	19.0	58.5	92.2	32.7	14.1
Mbeya	18.4	68.1	36.9	24.5	21.1
Singida	7.7	25.4	70.0	12.1	25.3
Tabora	15.5	2.1	44.9	3.1	13.3
Rukwa	29.9	12.2	59.5	36.1	23.4
Kigoma	20.3	16.7	50.8	20.9	21.1
Shinyanga	16.8	1.3	36.7	6.6	6.1
Kagera	30.4	8.4	57.2	21.8	10.3
Mwanza	14.1	2.5	51.2	13.0	3.4
Mara	16.8	4.4	77.7	27.2	29.3
Manyara	11.0	66.9	70.2	17.3	10.0
Njombe	20.8	87.4	58.6	34.6	20.0
Katavi	18.9	12.3	68.2	37.0	24.6
Simiyu	8.5	0.3	60.4	21.4	8.3
Geita	19.1	19.7	79.1	5.4	10.6
Songwe	19.5	36.0	60.5	16.3	25.4
<b>Mainland Tanzania</b>	<b>19.1</b>	<b>15.1</b>	<b>62.2</b>	<b>22.2</b>	<b>21.2</b>
Kaskazini Unguja	7.4	17.5	49.4	0.4	49.8
Kusini Unguja	7.8	12.0	49.3	2.3	41.2
Mjini Magharibi	12.8	9.6	25.8	0.0	23.4
Kaskazini Pemba	0.3	0.8	28.3	0.0	50.3
Kusini Pemba	0.2	13.0	24.5	0.8	46.3
<b>Tanzania Zanzibar</b>	<b>5.2</b>	<b>8.7</b>	<b>36.1</b>	<b>0.7</b>	<b>45.7</b>
<b>Tanzania</b>	<b>19.0</b>	<b>14.5</b>	<b>60.8</b>	<b>22.1</b>	<b>21.2</b>

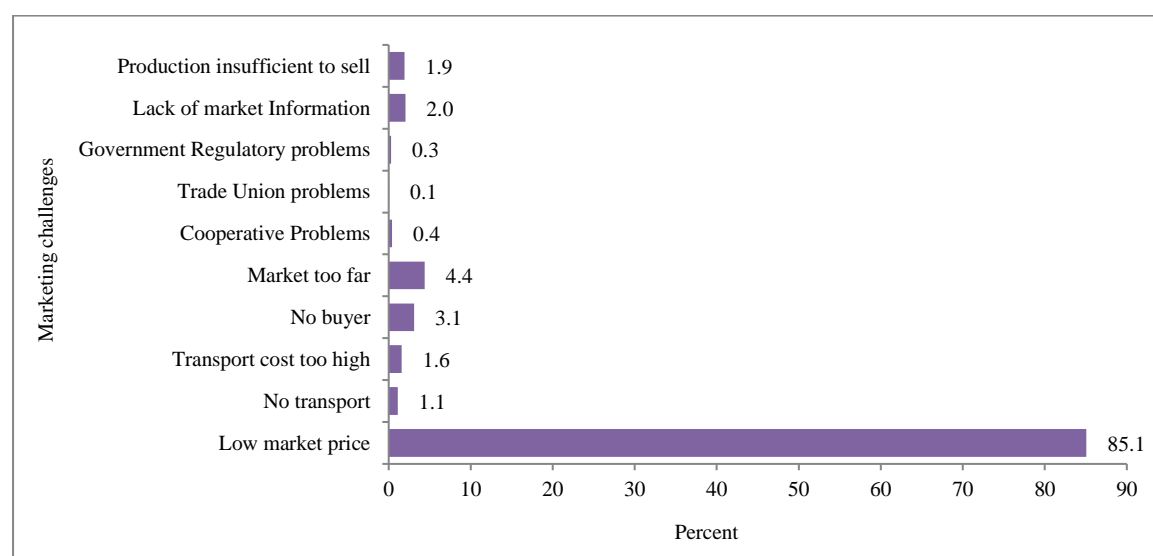
### 3.7.2 Main Marketing Challenges

Households reported various marketing challenges encountered during both short and long rainy seasons in Tanzania. Majority of households (78.4 percent during short and 85.1 percent long rains) indicated low market price was the most important marketing challenge. The magnitude of low market price was felt more during the long rainy than in short rainy. Other reported marketing challenges were minor, cited by 5 percent or less of the households growing crops. This included market being too far, lack of buyers and lack of market information (Figure 3.100 & 3.101).

**Figure 3.100: Percentage of Households Reported Marketing Challenges by Type of Challenge During 2019/20 Agricultural Year, Short Rainy Season, Tanzania**



**Figure 3.101: Percentage of Households Reported Marketing Challenges by Type of Challenge During 2019/20 Agricultural Year, Long Rainy Season, Tanzania**



## CHAPTER FOUR

### LIVESTOCK, FISH FARMING AND BEEKEEPING RESULTS

#### 4.0 Introduction

Livestock rearing is one of the main agricultural activities in the country that is contributing towards the National Strategic Goals (NSGs) and the objective of the Tanzania Development Vision 2025. In the year 2019/20, the livestock sub-sector contributed 7.1 percent to the National Gross Domestic Product and grew by 5 percent (The Economic Survey 2020).

Furthermore, the livestock sub-sector plays a significant role in the economy of agricultural households in Tanzania as it provides best source of animal protein, food security, cash income, manure for the crop and vegetable production, draught animal power, and other socio – economic functions. The main types of livestock raised in Tanzania are cattle, goats, sheep, pigs, chicken, other birds including ducks, turkeys and guinea fowls; and other livestock (rabbits, donkeys and guinea pigs). Livestock products produced include meat, milk, eggs, hides and skins.

This chapter presents the results in relation to the livestock population at national and regional levels in both Mainland Tanzania and Tanzania Zanzibar. Other livestock variables discussed in this chapter include livestock diseases, methods of cattle identification, livestock products (milk, eggs, and hides and skin), extension services and pests and parasites control. Moreover, it includes data from large scale farms to enable national estimation of livestock population, production and products. The reference date for livestock population was as of 1st August 2020, while other livestock related variables were collected based on the 2019/20 agricultural year. Whenever possible the 2019/20 census results are compared with previous Agriculture Censuses over the period between 2002/03 and 2007/08.

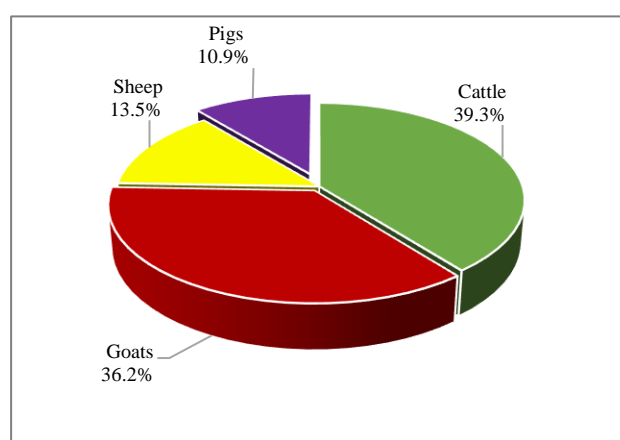
#### 4.1 Livestock Population

The main types and number of livestock covered in the 2019/20 NSCA were categorized into three areas; i) Main livestock raised includes cattle, goats, sheep and pigs; ii) Poultry which comprises of chicken, ducks and turkeys; and iii) Other livestock that were recorded includes rabbits, donkeys, horses and dogs.

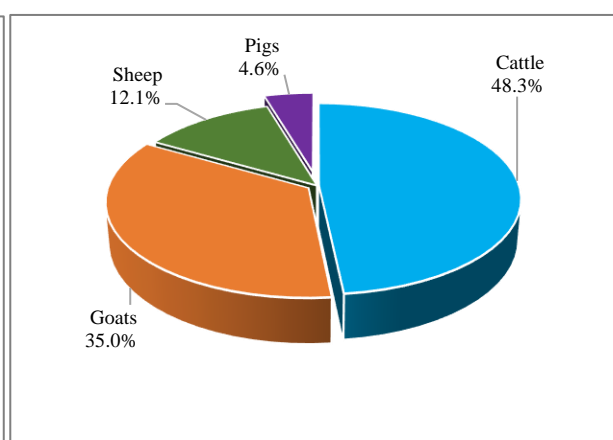


A total of 2,746,446 households, out of 7,837,405 agricultural households, were involved in rearing livestock in Tanzania during 2019/20 agricultural year. The results show that, 1,971,550 households (71.8 percent) raised cattle, goats (1,815,220; 66.1 percent), sheep (677,273; 24.7 percent) and pigs (536,986; 19.9 percent). Cattle were the most dominant livestock raised with 33,928,391 (48.3 percent) heads, followed by goats (24,568,396; 35.0 percent), sheep (8,516,990; 12.1 percent) and pigs (3,208,495; 4.6 percent) (Figure 4.1 & 4.2).

**Figure 4.1: Percentage of Households Rearing Livestock by Type During 2019/20 Agricultural Year, Tanzania**



**Figure 4.2: Percentage of Livestock Population by Type During 2019/20 Agricultural Year, Tanzania**



#### 4.1.1 Cattle Population

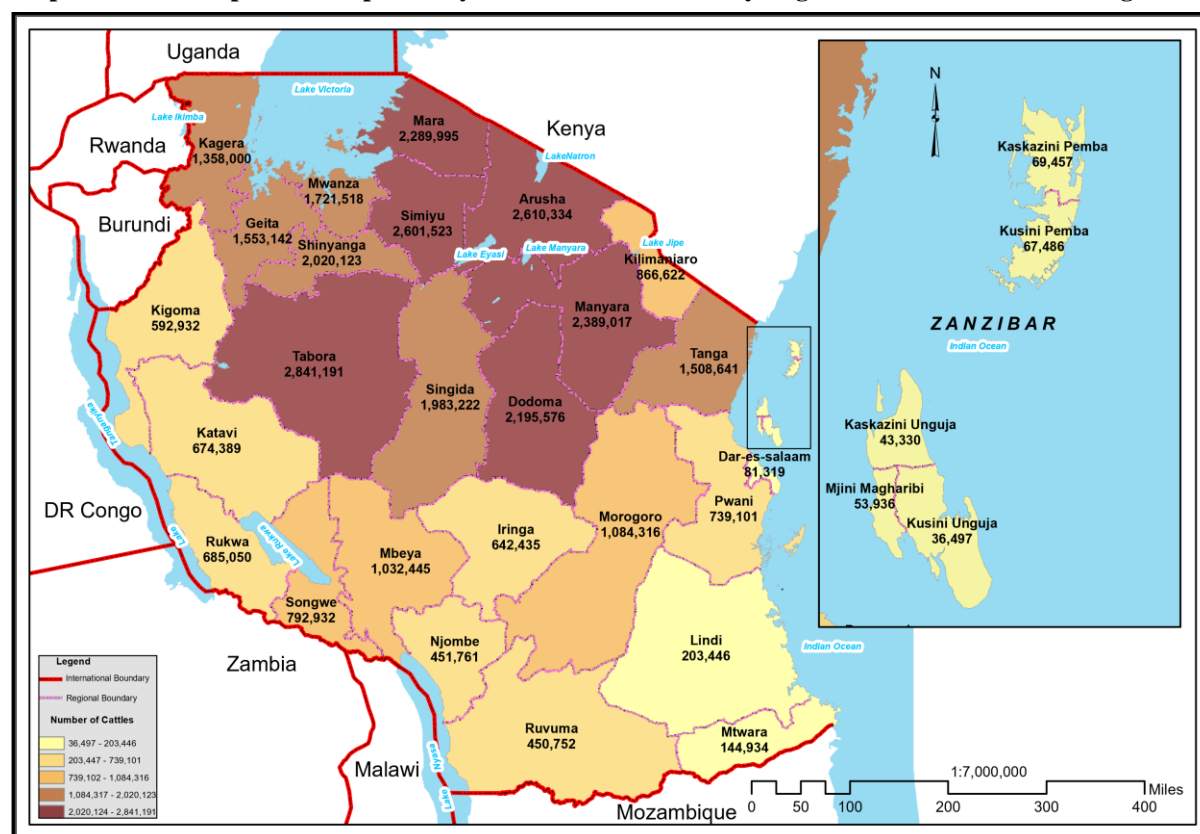
A total of 1,971,550 households were engaged in rearing cattle in Tanzania during 2019/20 agricultural year, whereby 1,915,625 households were reported in Mainland Tanzania and 55,925 in Tanzania Zanzibar. The total number of cattle in Tanzania was 33,928,391, out of which 33,785,423 (99.6 percent) were kept by smallholder farmers and 142,968 (0.4 percent) raised in large scale farms. The number of cattle kept by smallholder farmers in Mainland Tanzania were 33,514,716 and 270,707 in Tanzania Zanzibar (Table 4.1).

**Table 4.1: Number of Households and Livestock/Chicken by Type for Smallholder Farmers and Large Scale Farms as of 1<sup>st</sup> August 2020, Tanzania**

Livestock Type	Tanzania		Smallholder Farmers				Large Scale Farms	
	Number of Households	Number of Livestock	Mainland Tanzania		Tanzania Zanzibar		Mainland Tanzania	Tanzania Zanzibar
			Number of Households	Number of Livestock	Number of Households	Number of Livestock	Number of Livestock	Number of Livestock
Cattle	1,971,550	33,928,391	1,915,625	33,514,716	55,925	270,707	142,677	291
Goats	1,815,219	24,568,396	1,796,739	24,423,120	18,480	111,429	33,653	194
Sheep	677,273	8,516,990	677,081	8,492,044	192	871	24,012	63
Pig	536,986	3,208,495	536,841	3,201,163	145	2,209	5,123	0
Chicken	4,338,882	87,659,580	4,238,344	71,414,297	100,538	3,705,505	12,481,099	58,679

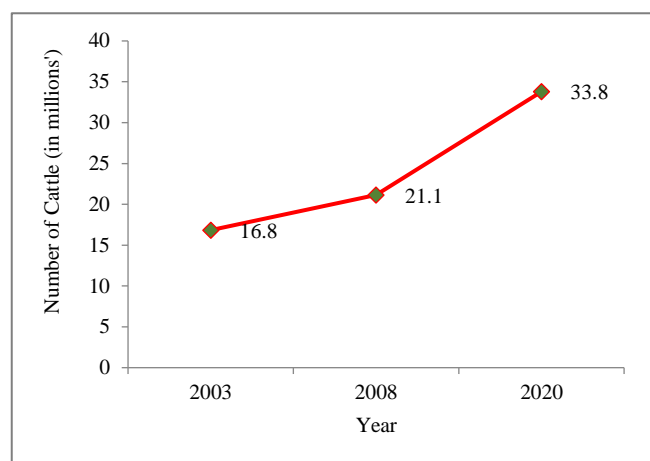
In Mainland Tanzania, Tabora region had the largest number of cattle (2,841,191; 8.5 percent) from smallholder farmers, followed by Arusha (2,610,334; 7.8 percent) and Simiyu (2,601,523; 7.8 percent). In Tanzania Zanzibar, Kaskazini Pemba region had the largest number of cattle (69,457; 25.7 percent), followed by Kusini Pemba (67,486; 24.9 percent) and Mjini Magharibi (53,936; 19.9 percent) (Map 4.1).

**Map 4.1: Cattle Population Reported by Smallholder Farmers by Region in Tanzania as of 1<sup>st</sup> August 2020**



The cattle population raised by smallholder farmers has increased from 21,280,875 in year 2008 to 33,785,422 in the 2020, representing an increase of about 59 percent, giving an annual growth rate of approximately 5.0 percent over the period of twelve years. In 2003 Agriculture Census, the smallholder farmers raised 16,999,793 cattle, this shows a population growth of 25.0 percent in the period of 5 years (2003 - 2008) but the annual growth rate remained the same (5.0 percent) (Figure 4.3).

**Figure 4.3: Cattle Population Growth in 2003, 2008 and 2020 Agriculture Censuses, Tanzania**

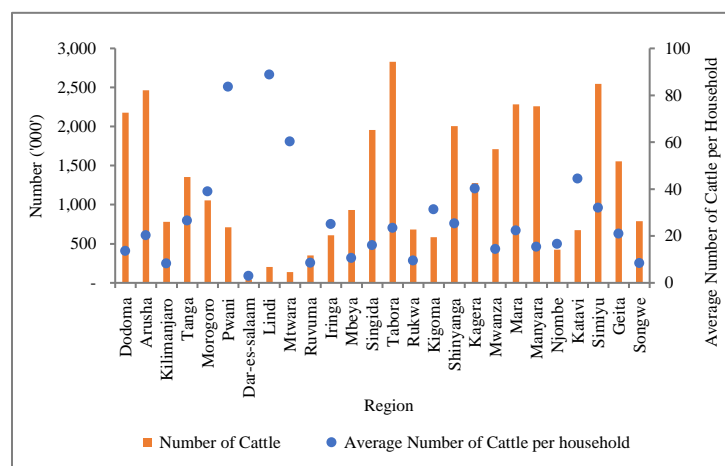


#### 4.1.1.1 Indigenous Cattle Population

The total number of indigenous cattle raised was 32,617,693, out of which 32,378,139 heads were in Mainland Tanzania and 239,554 heads in Tanzania Zanzibar.

In Mainland Tanzania, Tabora region had the highest number of indigenous cattle (2,828,691; 8.7 percent), followed by Simiyu (2,545,664; 7.9 percent) and Arusha (2,463,768; 7.6 percent). Dar es Salaam region had the least number of indigenous cattle (39,177; 0.1 percent). Further results revealed that, Lindi had the highest average number of cattle raised by smallholder farmers per household

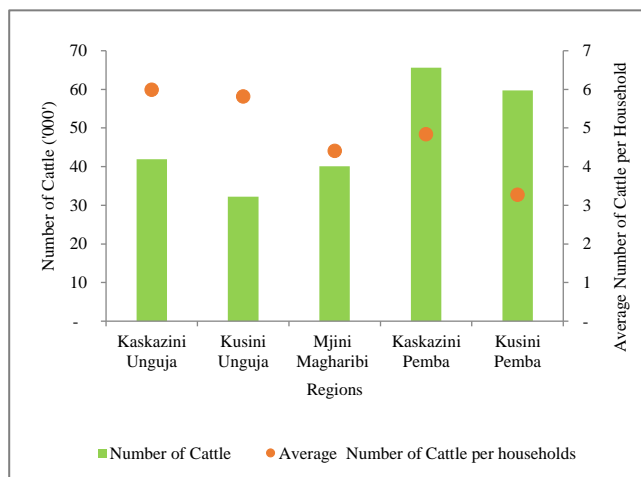
**Figure 4.4: Indigenous Cattle Population and Average Number of Cattle per Household by Region as of 1<sup>st</sup> August 2020, Mainland Tanzania**



with 76 heads per household, followed by Pwani (65 heads per household) and Mtwara (61 heads per household), while Dar es Salaam had the lowest average (4 heads per household) (Figure 4.4).

In Tanzania Zanzibar, 88.5 percent of the total cattle population (239,554) were of indigenous type. The results show that, Kaskazini Pemba region had the highest number of indigenous cattle (69,509; 27.4 percent), followed by Kusini Pemba (59,710 heads; 24.9 percent), while Kusini Unguja had the least number of cattle (32,259 heads; 13.5 percent). Moreover, the three regions of Tanzania Zanzibar, Kaskazini Unguja, Kusini Unguja and Mjini Magharibi had an average of 6 heads per household each, while Kusini Pemba region recorded the lowest average number of 3 heads per household (Figure 4.5). Generally, the censuses results show a steady increase on the number of indigenous cattle in Tanzania from 16.4 million in year 2003 to 20.7 million in 2008 and 32.6 million in 2020.

**Figure 4.5: Indigenous Cattle Population and Average Number of Cattle per Household by Region as of 1<sup>st</sup> August 2020, Tanzania Zanzibar**

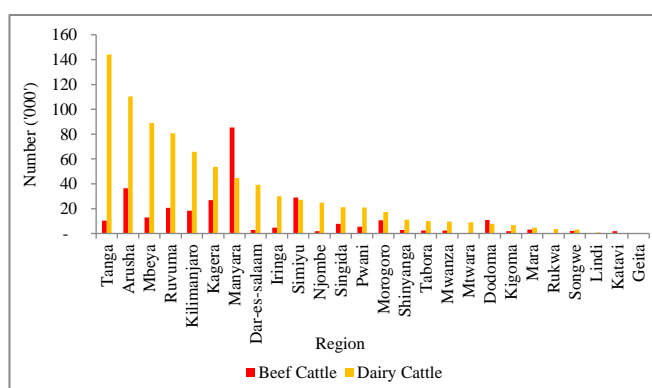


#### 4.1.1.3 Improved Cattle Population

Improved cattle breed is categorized as beef or dairy breed. During the 2019/20 agricultural year, the number of improved cattle recorded was 1,167,729 of which beef cattle were 302,101 (25.9 percent) and dairy cattle 865,628 (74.1 percent). Mainland Tanzania recorded 1,136,577 heads of the improved cattle and Tanzania Zanzibar had 31,152 heads.

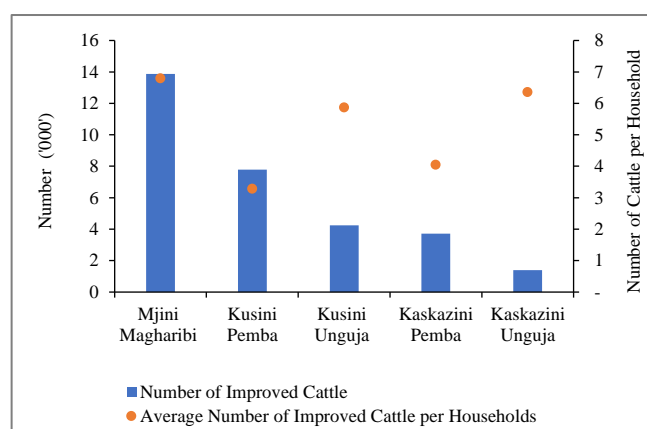
In Mainland Tanzania, Tanga region had the highest number of the improved cattle 154,252 (13.6 percent), followed by Arusha (146,566 heads; 12.9 percent) and Manyara (130,117 heads; 11.5 percent) while in Geita region there was no improved cattle recorded. The average number of improved cattle per household in Mainland Tanzania was four (4) heads (Figure 4.6).

**Figure 4.6: Number of Improved Cattle by Type and Region as of 1<sup>st</sup> August 2020, Mainland Tanzania**



For the case of Tanzania Zanzibar, Mjini Magharibi had the highest number of improved cattle 13,879 (44.6 percent), followed by Kusini Pemba (7,776 heads; 25.0 percent) whereas Kaskazini Unguja had the lowest number of improved cattle (1,392 heads; 4.5 percent). The average number of improved cattle per household in Tanzania Zanzibar was 5 heads (Figure 4.7).

**Figure 4.7: Number of Improved Cattle and Average Number per Household by Region During 2019/20 Agricultural Year, Zanzibar**

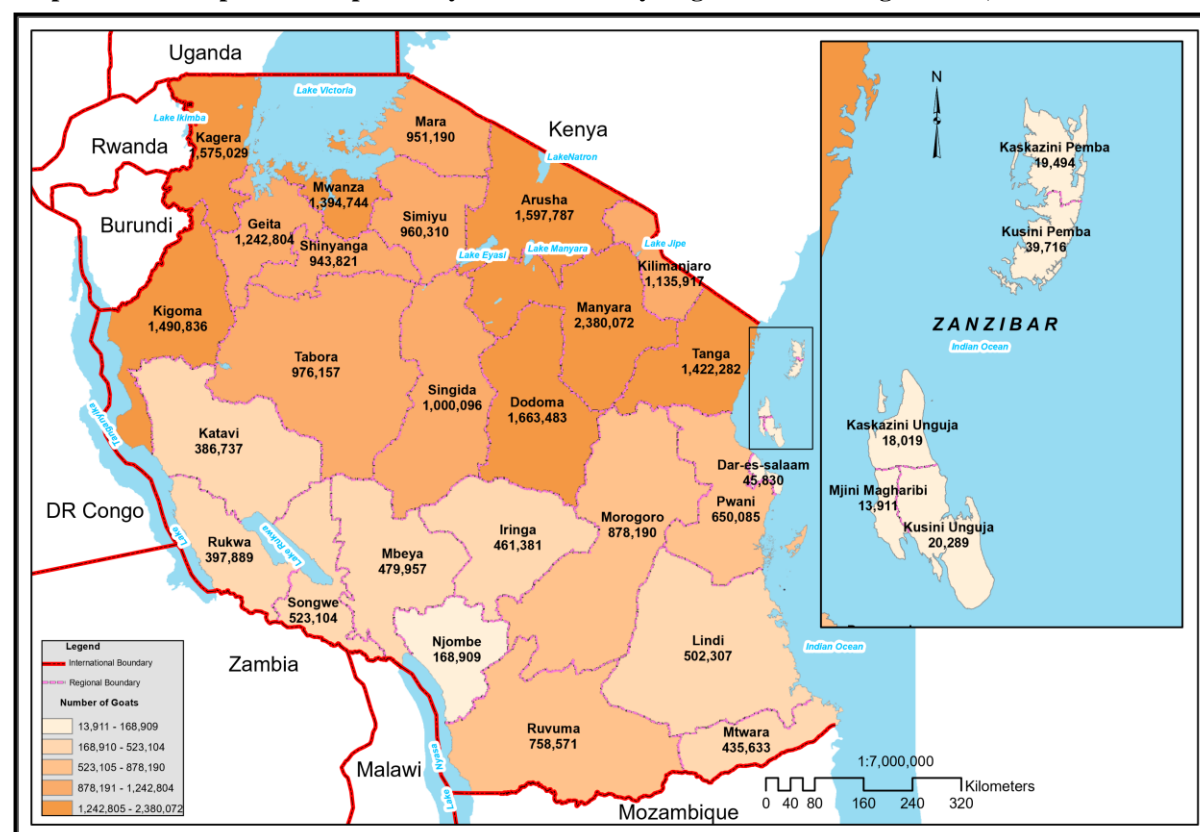


#### 4.1.2 Goat Population

The 2019/20 agricultural census results show that, during 2019/20 agricultural year, the number of households in Tanzania engaged in goat rearing was 1,815,219, out of which 1,796,739 households were in Mainland Tanzania and 18,480 in Tanzania Zanzibar. The total number of goats reared in Tanzania was 24,568,396 whereby 24,534,549 (99.9 percent) were from smallholder farmers and 33,847 goats (0.1 percent) from large scale farms. Smallholder farmers in Mainland Tanzania reared 24,423,120 goats and 111,429 goats in Tanzania Zanzibar. Most of the households (759,300; 42.1 percent) reared 1 to 4 heads, while 60,931 households (3.4 percent) reared more than 40 goats, representing 22 percent of the total goat population.

Regions with highest number of goats from smallholder farmers in Mainland Tanzania were Manyara region with 2,380,072 heads (9.7 percent), followed by Dodoma (1,663,483 heads; 6.8 percent) and Arusha (1,597,787 heads; 6.5 percent), while Dar es Salaam (45,830 heads; 0.2 percent) had the least number of goats raised. In Tanzania Zanzibar, Kusini Pemba region had the highest number of goats raised by smallholder farmers (39,716 heads; 35.6 percent), followed by Kusini Unguja (20,289 heads; 18.2 percent), while Mjini Magharibi had the lowest number of goats raised by smallholder farmers (13,911 heads; 12.5 percent) (Map 4.2).

**Map 4.2: Goat Population Reported by Smallholders by Region as of 1st August 2020, Tanzania**



In Mainland Tanzania, most of goat rearing households (749,143; 41.8 percent) reared 1 to 4 goats, followed by those reared 5 to 9 goats (519,220; 29.0 percent) and 10 to 14 goats (227,583; 12.7 percent), while the least number of households reared 35 to 39 goats (11,332; 0.6 percent). However, the largest goat population were reared by households with more than 40 herd size (5,285,660 heads; 21.6 percent) and 5 to 9 herd size (5,265,000 heads; 21.6 percent), whereas the least goat's population was reared by households with 35 to 39 herd size (548,921 heads; 2.2 percent) (Table 4.2).

In Tanzania Zanzibar, most of goat rearing households (10,156; 55.4 percent) reared 1 to 4 goats, followed by those reared 5 to 9 goats (6,279; 34.2 percent) and 10 to 14 goats (1,298; 7.1 percent), while the least number of households reared more than 40 goats (43; 0.2 percent). However, the largest goat population were reared by households with 5 to 9 herd size (46,812 heads; 42.0 percent) and 1 to 4 herd size (30,832 heads; 27.7 percent), whereas the least goats' population was reared by households with more than 40 herd size (1,811 heads; 1.6 percent) (Table 4.2).

Comparatively, in Tanzania the average number of goats per household has increased from 9 goats in 2007/08 to 14 goats in 2019/20 agricultural year.

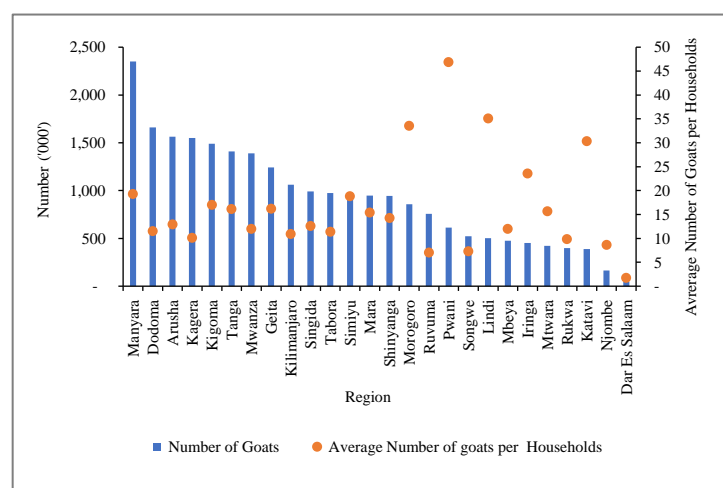
**Table 4.2: Number of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1<sup>st</sup> August 2020, Tanzania**

Herd Size	Tanzania		Mainland Tanzania				Tanzania Zanzibar			
	Number of Households	Number of Goats	Goat Rearing Households		Heads of Goats		Goat Rearing Households		Heads of Goats	
			Number	Percent	Number	Percent	Number	Percent	Number	Percent
1-4	759,299	3,407,640	749,143	41.8	3,376,808	13.8	10,156	55.4	30,832	27.7
5-9	525,499	5,311,812	519,220	29.0	5,265,000	21.6	6,279	34.2	46,812	42.0
10-14	228,881	3,897,565	227,583	12.7	3,879,443	15.9	1,298	7.1	18,122	16.3
15 - 19	107,556	2,435,100	107,191	6.0	2,428,691	9.9	365	2.0	6,409	5.8
20 - 24	61,392	1,755,520	61,392	3.4	1,755,520	7.2	-	-	-	-
25 - 29	31,739	1,036,896	31,616	1.8	1,032,573	4.2	123	0.7	4,323	3.9
30 - 34	22,750	853,627	22,673	1.3	850,506	3.5	77	0.4	3,121	2.8
35 - 39	11,332	548,921	11,332	0.6	548,921	2.2	-	-	-	-
40+	60,930	5,287,471	60,887	3.4	5,285,660	21.6	43	0.2	1,811	1.6
<b>Total</b>	<b>1,809,378</b>	<b>24,534,550</b>	<b>1,791,038</b>	<b>100.0</b>	<b>24,423,121</b>	<b>100.0</b>	<b>18,341</b>	<b>100.0</b>	<b>111,429</b>	<b>100.0</b>

#### 4.1.2.1 Indigenous Goats

The number of households engaged in indigenous goat rearing in Tanzania was 1,782,178, of which 1,763,959 households were in Mainland Tanzania and 18,219 in Tanzania Zanzibar. The total number of indigenous goats raised by smallholder farmers in Tanzania was 24,232,809 whereby 24,122,945 were from Mainland Tanzania and 109,864 from Tanzania Zanzibar.

**Figure 4.8: Number of Indigenous Goats and Average Number of Goats per Household by Region as of 1<sup>st</sup> August 2020, Mainland Tanzania**

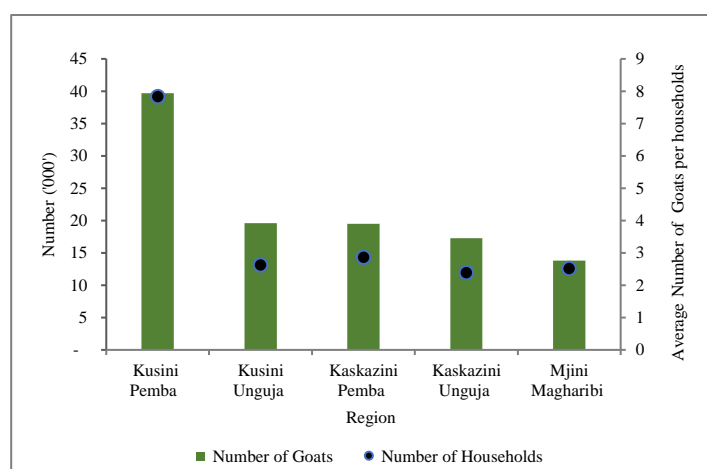


In Mainland Tanzania, Manyara region had the highest number of indigenous goats (2,348,974 heads; 9.7 percent), followed by Dodoma (1,659,908 heads; 6.9 percent) and Arusha (1,563,765 heads; 6.5 percent) (Figure 4.8).



In Tanzania Zanzibar, Kusini Pemba region had the highest number of indigenous goats (39,716 heads; 36.2 percent), followed by Kusini Unguja (19,610 heads; 17.8 percent) while, Mjini Magharibi had the lowest number (13,790 heads 12.5 percent) (Figure 4.9). The results show a steady increase on the number of indigenous goats from 15.2 million in year 2008 to 24.5 million in 2020 representing approximately 62 percent increase.

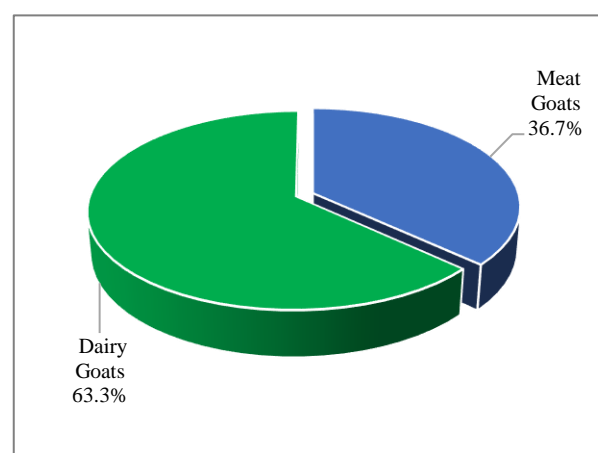
**Figure 4.9: Number of Indigenous Goats and Average Number per Household by Region as of 1<sup>st</sup> August 2020, Tanzania Zanzibar**



#### 4.1.2.2 Improved Goats

The number of households in Tanzania engaged in improved goat rearing was 63,859 out of which 63,593 households were in Mainland Tanzania and 266 in Tanzania Zanzibar. There were two types of improved goats raised in Tanzania, those for meat 110,856 (36.7 percent) and dairy 190,884 (62.3 percent) (Figure 4.10).

**Figure 4.10: Percentage of Improved Goats by Type as of 1st August 2020, Tanzania**



Households in Mainland Tanzania raised 300,175 improved goats (99.5 percent), out of which 109,957 heads (36.7 percent) were for meat and 190,218 heads (63.3 percent) for dairy. In Tanzania Zanzibar, 899 heads (57.4 percent) for goat meat and 666 heads (42.6 percent) for dairy.

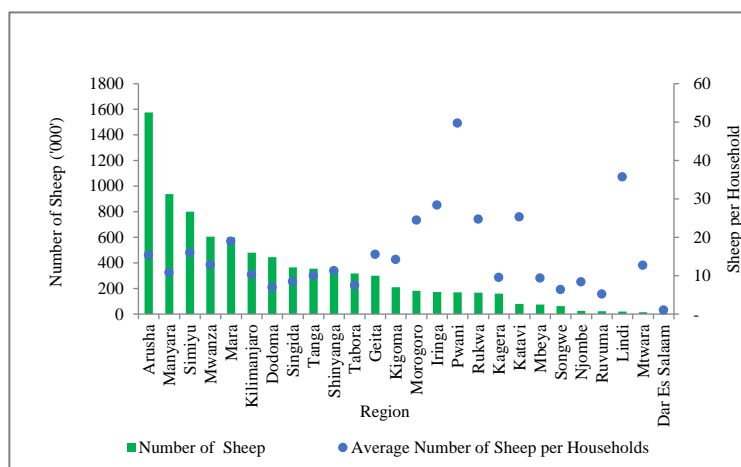
In Mainland Tanzania, Kilimanjaro region had the highest number of improved goats 74,338 (24.8 percent), followed by Pwani (35,782 heads; 11.9 percent) and Arusha (34,022 heads; 11.3 percent) while Lindi and Katavi had no improved goats. In Tanzania Zanzibar, improved goats were raised in three (3) regions only. Kaskazini Unguja with 765 heads (48.9 percent) had the highest number, followed by Kusini Unguja (679 heads; 43.4 percent) and Mjini Magharibi (121 heads; 7.7 percent).



### 4.1.3 Sheep Population

Sheep rearing practice was low in Mainland Tanzania as well as in Tanzania Zanzibar in terms of number of household and its population compared to cattle and goat. During 2019/20 agricultural year, 8,516,989 sheep were recorded, of which 8,492,914 heads (99.7 percent) were from smallholders and 24,075 (0.3 percent) from large

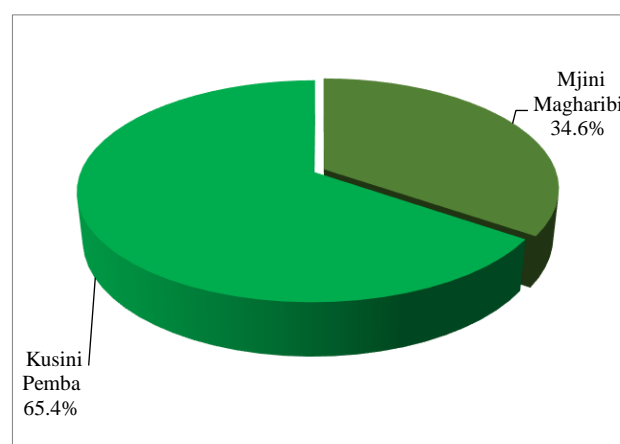
**Figure 4.11: Sheep Population and Average Number of Sheep per Household by Region as of 1<sup>st</sup> August 2020, Mainland Tanzania**



scale farms. A total of 677,273 households were involved in sheep rearing in Tanzania, whereby 677,081 households were in Mainland Tanzania, and 192 households in Tanzania Zanzibar. The average number of sheep per household for smallholder farmers in Mainland Tanzania was 12, while in Tanzania Zanzibar was 5 (Figure 4.11).

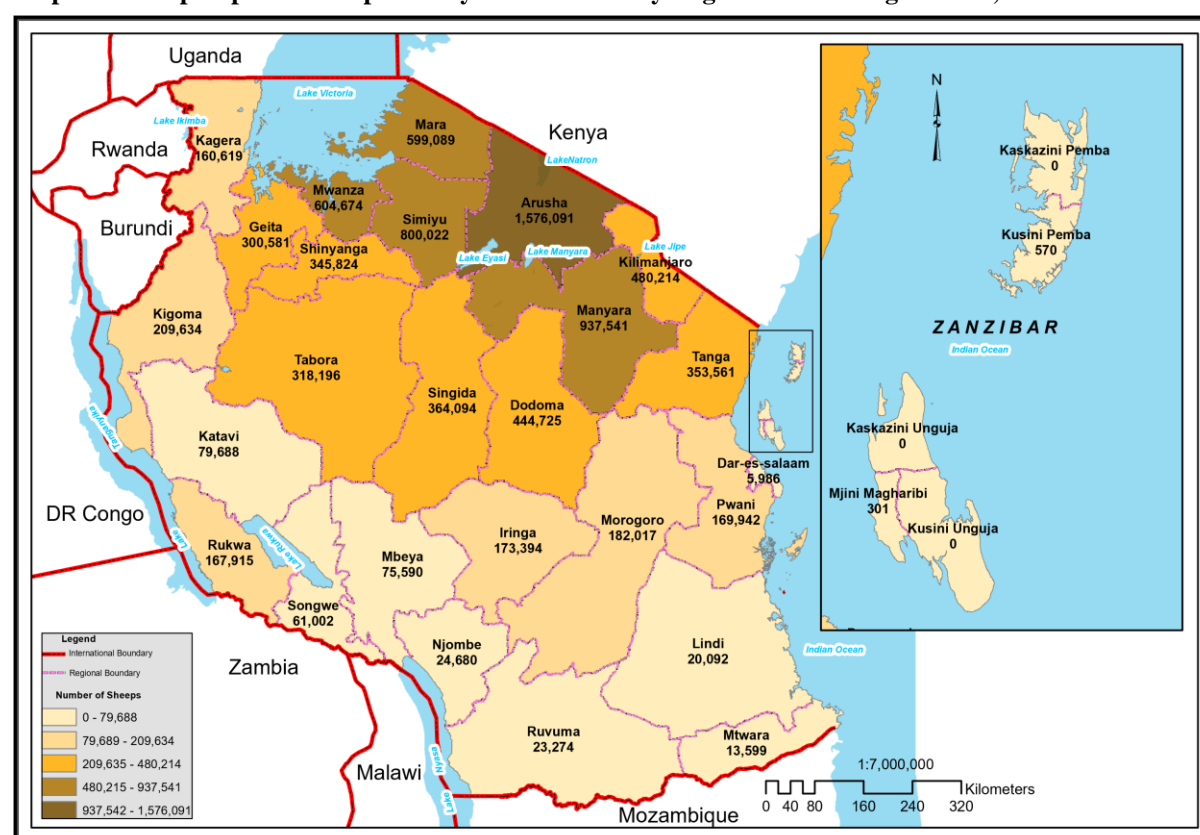
In Mainland Tanzania the results show that Pwani region had the highest average number of sheep per household (46 heads), followed by Lindi and Iringa with 36 and 28 heads per household respectively, while Dar es Salaam had the lowest average of one sheep per household. For the case of Tanzania Zanzibar, there were only two regions recorded to raise sheep, Mjini Magharibi and Kusini Pemba with an average of 6 and 4 heads per household respectively (Figure 4.11 & 4.12).

**Figure 4.12: Percentage of Sheep Population by Region as of 1<sup>st</sup> August 2020, Tanzania Zanzibar**



In Mainland Tanzania, most of the sheep kept were indigenous (8,438,573; 99.4 percent) and there were only 53,471 (0.6 percent) improved sheep for mutton. Arusha region had the largest number of sheep (1,576,091; 18.6 percent) kept by smallholder farmers, followed by Manyara (937,541 heads; 11.0 percent) and Mwanza (604,674 heads; 7.1 percent). In Tanzania Zanzibar, sheep were reared in two regions, Kusini Pemba (570 heads; 65.4 percent) and Mjini Magharibi (301 heads; 34.6 percent). The census results show a steady increase in the number of sheep raised from 5.7 million in 2008 to 8.5 million in 2020 equivalent to 48.6 percent increase (Map 4.3).

**Map 4.3: Sheep Population Reported by Smallholders by Region as of 1<sup>st</sup> August 2020, Tanzania**

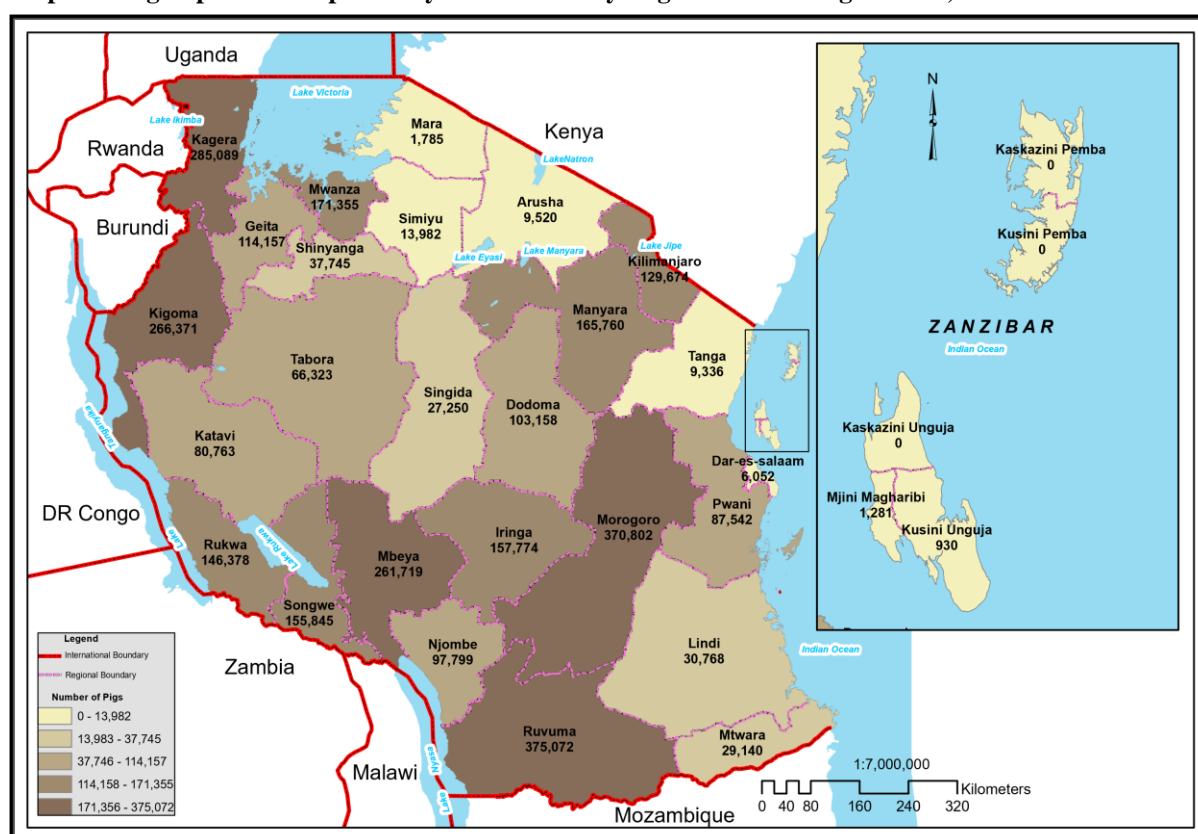


#### 4.1.4 Pig Population

The number of households reported rearing pig in Tanzania during 2019/20 agricultural year was 536,986 of which 536,841 households were in Mainland Tanzania and 145 households in Tanzania Zanzibar. The total number of pigs raised in Tanzania was 3,208,495 (3,203,372 pigs from smallholder farmers and 5,123 from large scale farms). The number of pigs reared by smallholder farmers in Mainland Tanzania was 3,201,163 heads, while in Tanzania Zanzibar was 2,209 heads.

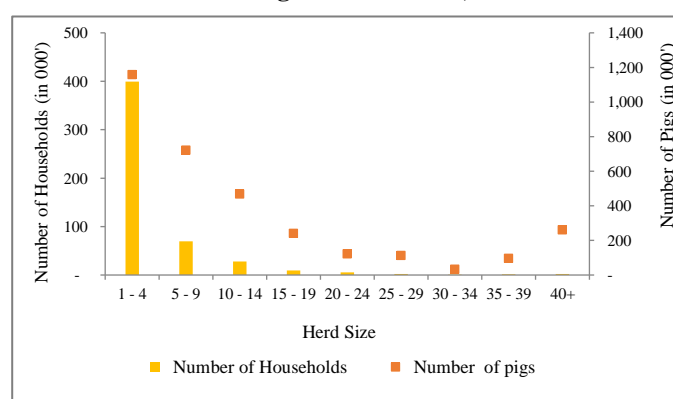
In Mainland Tanzania, Ruvuma region had the largest number of pigs (375,072; 11.7 percent), followed by Morogoro (370,802 heads; 11.6 percent) and Kagera (285,089 heads; 8.9 percent). In Tanzania Zanzibar, pigs were raised only in Mjini Magharibi (1,281 heads; 57.9 percent) and Kusini Unguja (930 heads; 42.1 percent) regions. The census results show a double increase on the number of indigenous pigs from 1.6 million in 2007/08 to 3.2 million in 2019/20 (Map 4.4).

**Map 4.4: Pig Population Reported by Smallholder by Region as of 1<sup>st</sup> August 2020, Tanzania**



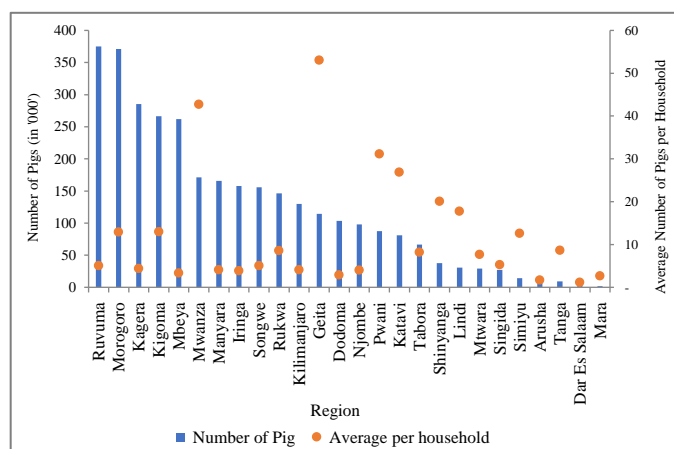
The average number of pigs per household in Tanzania was 6 heads. The majority of households (399,131; 77 percent) reared 1 to 4 heads, followed by 69,586 households (13.4 percent) reared 5 to 9 heads and 27,923 households (5.4 percent) reared 10 to 14 heads (Figure 4.13).

**Figure 4.13: Number of Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Tanzania**



In Mainland Tanzania the results show that Geita had the highest average number of pigs per household with 53 heads per household, followed by Mwanza and Pwani with 43 and 31 heads per household respectively while Dar es Salaam had the lowest average of one pig per household. For the case of Tanzania Zanzibar, only two regions recorded to raise pig, Mjini Magharibi and Kusini Unguja regions, with an average of 15 and 16 heads per household respectively (Figure 4.14).

**Figure 4.14: Number of Agricultural Households Rearing Pigs by Herd Size During the 2019/20 Agricultural Year in Mainland Tanzania**

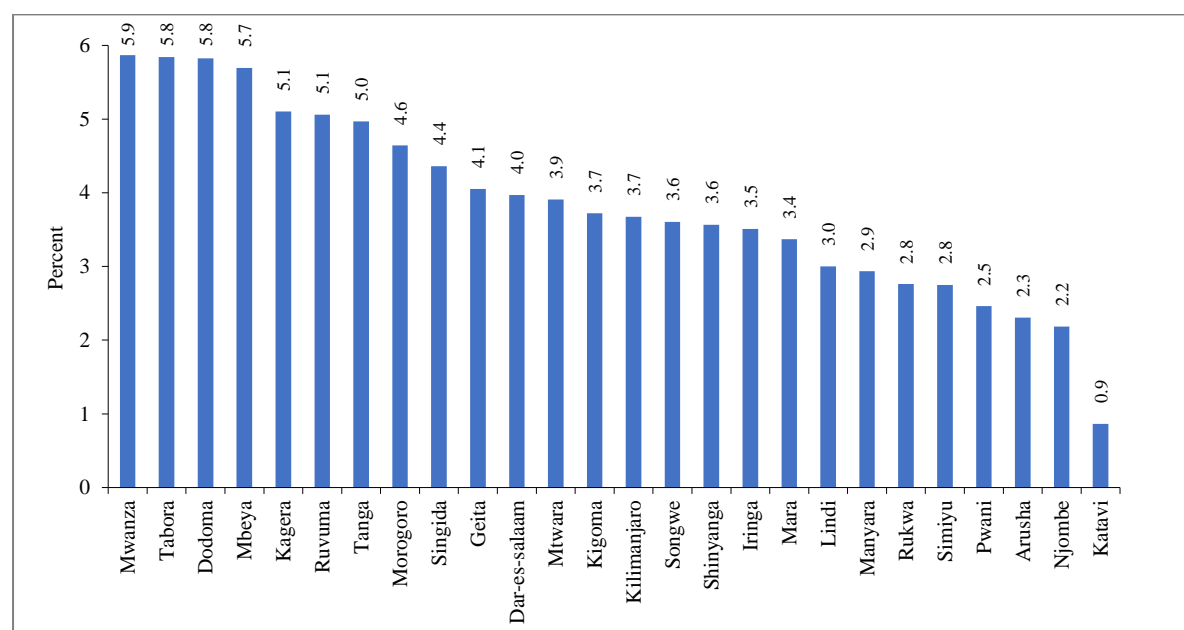


#### 4.1.5 Chicken Population

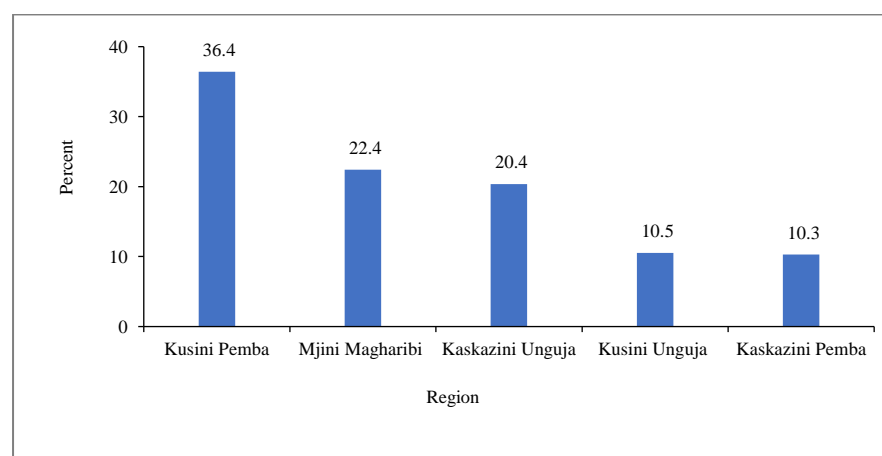
The 2019/20 NSCA results show that, in Tanzania out of 7,837,405 agricultural households, a total of 4,338,882 (55.4 percent) households raised chicken during 2019/20 agricultural year. Of the total households raised chicken, 4,238,344 households were from Mainland Tanzania and 100,538 from Tanzania Zanzibar.

In Mainland Tanzania, Mwanza region had the largest number of households raising chicken (248,617 households; 5.9 percent), followed by Tabora (247,554; 5.8 percent) and Dodoma (246,790; 5.8 percent). The lowest number of households raising chicken was reported in Katavi (36,586 households, 0.9 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest number of households raising chicken (36,593; 36.4 percent), followed by Mjini Magharibi (22,553; 22.4 percent). The lowest number was reported in Kaskazini Pemba (10,336; 10.3 percent) (Figure 4.15 & 4.16).

**Figure 4.15: Percentage Distribution of Households Raising Chicken by Region During 2019/20 Agricultural Year, Mainland Tanzania**

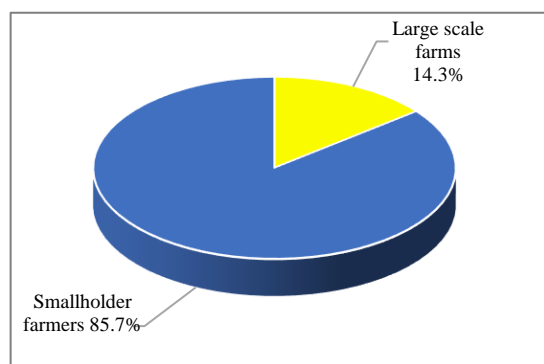


**Figure 4.16: Percentage Distribution of Households Raising Chicken by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



The total number of chicken in Tanzania from both smallholder farmers and large scale farms was 87,659,580, of which 75,119,801 (85.7 percent) chicken were from smallholder farmers and 12,539,778 (14.3 percent) from large scale farms. Out of the total chicken from smallholder farmers, 71,414,296 chicken were from Mainland and 3,705,505 from Tanzania Zanzibar (Figure 4.17).

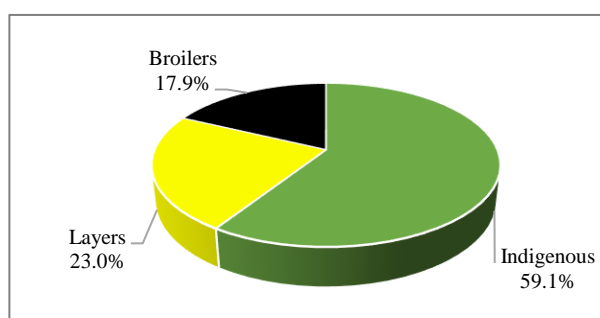
**Figure 4.17 Percentage Distribution of Chicken from Smallholder Farmers and Large Scale Farms as of 1st August 2020, Tanzania**



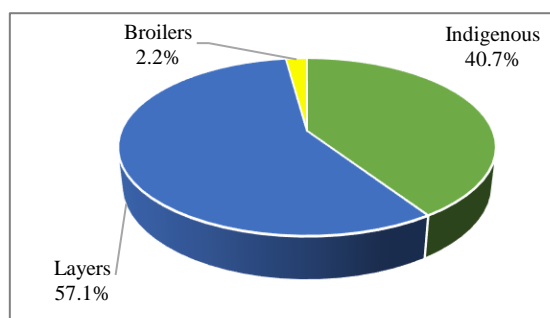
From the total population of chicken in Mainland Tanzania, the dominant specie was indigenous chicken (42,212,121; 59.1 percent), followed by layers (16,432,644; 23 percent) and broilers (12,769,532; 17.9 percent), while in Tanzania Zanzibar, the dominant specie was layers (2,116,994; 57.1 percent), followed by indigenous (1,508,540; 40.7 percent) and broilers (79,971; 2.2 percent) (Figure 4.18 & 4.19).

In Mainland Tanzania, Dar es Salaam region had the highest population of chicken (8.9 million; 12.4 percent), followed by Tabora (5.0 million; 6.9 percent) and Dodoma (4.2 million; 5.9 percent), whereas, the lowest number of chicken were reported in Katavi region (0.7 million; 1.0 percent). In addition, the population of chicken in Dar es Salaam region was mainly contributed by layers and broilers which accounted for 90.5 percent of the total chicken. In Tanzania Zanzibar, Kusini Unguja region had the largest number of chicken (1.9 million; 50.7 percent), followed by Kusini Pemba (0.6 million; 17.4 percent). The lowest number of chicken was in Kaskazini Pemba (0.2 million; 4.2 percent) (Figure 4.20 and Map 4.5).

**Figure 4.18: Percentage Distribution of Chicken by Type as of 1st August 2020, Mainland Tanzania**



**Figure 4.19: Percentage Distribution of Chicken by Type as of 1st August 2020, Tanzania Zanzibar**



**Map 4.5: Chicken Population Reported by Smallholders by Region as of 1<sup>st</sup> August 2020, Tanzania**



Furthermore, majority of the smallholder farmers in Tanzania raised 1 to 49 chicken, which is equivalent to 95.2 percent of the total households rearing chicken (an average of 13 chicken per household). Only 0.04 percent of households kept over 700 chicken with an average of 2,289 chicken per household, whereas the national average number of chickens per household was 18 (Table 4.3).

**Table 4.3: Number of Agricultural Households Rearing Chicken and Number of Chicken by Flock Size as of 1<sup>st</sup> August 2020, Tanzania**

Flock Size	Chicken Rearing Households		Number of Chicken	Average Chicken per Household
	Number	Percent		
1-49	4,132,024	95.2	50,947,564	12
50-99	158,258	3.6	9,621,927	61
100-299	33,322	0.8	4,804,460	144
300-499	8,141	0.2	2,603,995	320
500-699	5,306	0.1	2,948,163	556
700+	1,832	0.04	4,193,692	2,289
<b>Total</b>	<b>4,338,883</b>	<b>100.0</b>	<b>75,119,801</b>	<b>17</b>

Chicken population for smallholder farmers in Tanzania has increased from 43.1 million in 2007/08 to 75.1 million in 2019/20 census which is equivalent to 74.2 percentage increase (Table 4.4).

**Table 4.4: Number of Households and Chicken by Type of Chicken for the 2002/03, 2007/08 and 2019/20 Agriculture Censuses, Tanzania**

Type of Chicken	2002/03		2007/08		2019/20	
	Number of Households	Number of Chicken	Number of Households	Number of Chicken	Number of Households	Number of Chicken
Indigenous	2,925,710	31,614,837	3,781,695	41,895,605	3,897,380	43,720,661
Improved		1,692,409		1,849,900		31,399,141
Broilers	8,131	565,712	14,150	584,028	331,164	12,849,503
Layers	16,427	1,126,697	30,091	1,265,872	409,835	18,549,638
<b>Total</b>		<b>33,307,246</b>		<b>43,745,505</b>		<b>75,119,802</b>

#### 4.1.5.1 Indigenous Chicken

Indigenous chicken was the dominant type raised by most of the households (3,897,380; 89.8 percent) rearing chicken in both Mainland Tanzania and Tanzania Zanzibar. In Mainland Tanzania 89.6 percent of the total chicken rearing households raised indigenous chicken, while layers and broilers accounted for 9.6 percent and 7.8 percent respectively. On the other hand, in Tanzania Zanzibar indigenous chicken were raised by 99.3 percent of the total households raising chicken, whereas, layers and broilers accounted for 2.9 percent and 0.6 percent respectively (Table 4.5).

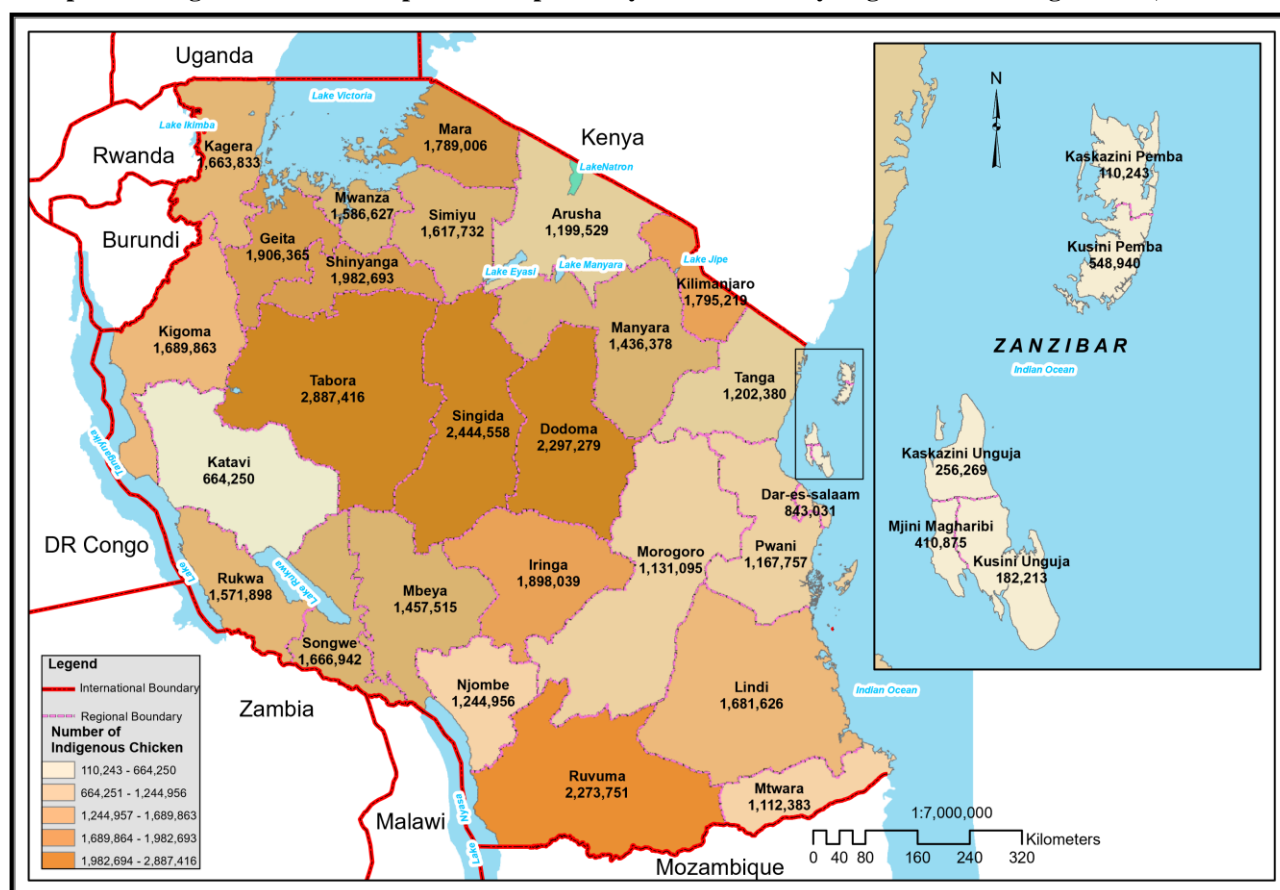
**Table 4.5: Number of Households, Total Number of Chicken and Percentage by Type of Chicken as of 1<sup>st</sup> August 2020, Tanzania**

Type of Chicken	Tanzania				Mainland Tanzania				Tanzania Zanzibar			
	Number of Households	Percent	Number of Chicken	Percent	Number of Households	Percent	Number of Chicken	Percent	Number of Households	Percent	Number of Chicken	Percent
Indigenous	3,897,380	89.8	43,720,661	58.2	3,797,537	89.6	42,212,121	59.1	99,843	99.3	1,520,508	40.9
Layers	409,835	9.45	18,549,638	24.7	406,909	9.6	16,432,644	23	2,926	2.9	2,116,994	56.9
Broilers	331,164	7.6	12,849,503	17.1	330,591	7.8	12,769,532	17.9	573	0.6	79,971	2.2
<b>Total</b>	<b>4,338,882</b>	<b>100</b>	<b>75,119,802</b>	<b>100</b>	<b>4238344</b>	<b>100</b>	<b>71,414,297</b>	<b>100</b>	<b>100,538</b>	<b>100</b>	<b>3,717,473</b>	<b>100</b>

In Mainland Tanzania, Tabora region had the highest number of indigenous chicken (2,887,416; 6.8 percent), followed by Singida (2,444,558; 5.8 percent) and Dodoma (2,297,279; 5.4 percent), while Katavi region had the lowest number of indigenous chicken (664,250; 1.6 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest number of chicken (548,940; 36.4 percent) while the least number was reported in Kaskazini Pemba (110,243 chicken; 7.3 percent) (Map 4.6).



**Map 4.6: Indigenous Chicken Population Reported by Smallholders by Region as of 1st August 2020, Tanzania**



In addition, 99.3 percent of the households keeping indigenous chicken reared from 1 to 49 chicken with an average of 11 chicken per household. Only 0.7 percent of households kept 50 and above indigenous chicken (Table 4.6).

**Table 4.6: Number and Percentage of Households Rearing Indigenous Chicken by Flock Size and Average Number of Chicken per Household as of 1<sup>st</sup> August 2020, Tanzania**

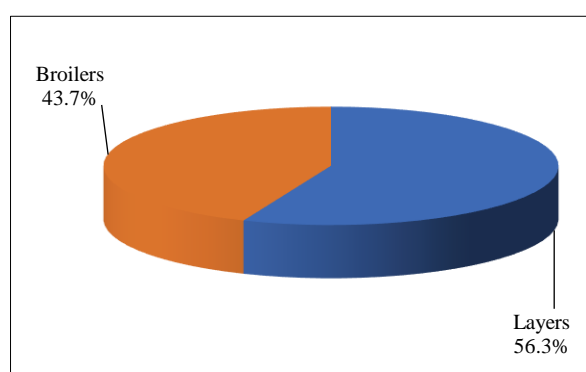
Flock Size	Number of Households	Percent	Number of Chicken	Average Number of Chicken per Household
1-49	3,870,215	99.3	41,798,248	11
50-99	24,505	0.6	1,466,004	60
100-299	2,309	0.1	334,905	145
300-499	353	0.01	121,501	344
500-699	-	-	-	-
700+	-	-	-	-
<b>Total</b>	<b>3,897,382</b>	<b>100.0</b>	<b>43,720,658</b>	<b>11</b>

In comparison with previous census, the number of indigenous chicken for smallholder farmers has increased from 41,895,605 in 2007/08 to 43,720,661 in 2019/20 agriculture censuses, equivalent to 4.4 percentage increase. Similarly, the number of households rearing indigenous chicken has increased by 0.4 percent over the same period.

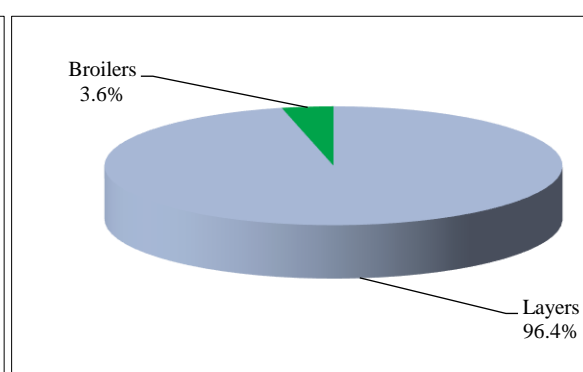
#### 4.1.5.2 Improved Chicken

The total number of improved chicken in Tanzania was 31,399,141 of which 29,202,176 chicken were from Mainland Tanzania and 2,196,965 from Tanzania Zanzibar. In Mainland Tanzania, the total population of layers and broilers was 16,432,644 (56.3 percent) and 12,769,532 (43.7 percent) respectively, while in Tanzania Zanzibar there were 2,116,994 layers (96.4 percent) and 79,971 broilers (3.6 percent) (Figure 4.20 & 4.21).

**Figure 4.20: Percentage Distribution of Improved Chicken as of 1st August 2020, Mainland Tanzania**



**Figure 4.21: Percentage Distribution of Improved Chicken as of 1st August 2020, Tanzania Zanzibar**



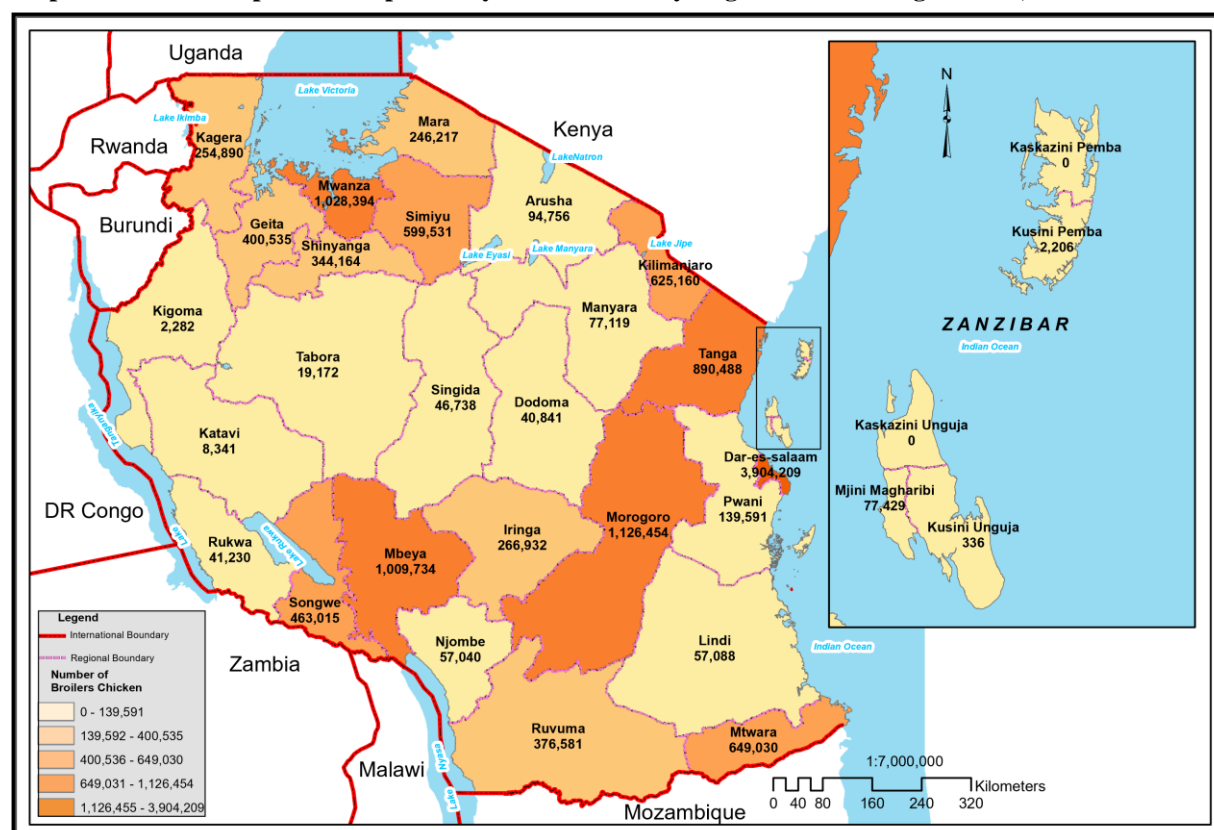
Most of the layers in Mainland Tanzania were raised in Dar es Salaam region (25.2 percent). Other regions with slightly high numbers of layers were Tabora (12.4 percent) and Dodoma (11.6 percent), while the least number of layers was in Geita (0.1 percent). Similarly, for the case of broilers, Dar es Salaam region was leading with 3,904,209 birds (30.6 percent), followed by Morogoro (1,126,454 birds; 8.8 percent) and Mwanza (1,028,394 birds; 8.1 percent). The least number of broilers was reported in Kigoma region (2,282 birds; 0.02 percent).

In Tanzania Zanzibar, the largest population of layers was reported in Kusini Unguja region (1,696,341 chicken, 80.1 percent), followed by Mjini Magharibi (147,610 chicken; 7.0 percent), and the least number of layers was found in Kaskazini Pemba (44,158 chicken, 2.1 percent). The largest population of broilers was in Mjini Magharibi (77,429 chicken, 96.8 percent), while the least number of broilers was reported in Kusini Unguja (336; 0.4 percent) (Map 4.7 & 4.8).

**Map 4.7: Layers Population Reported by Smallholders by Region as of 1st August 2020, Tanzania**



**Map 4.8: Broilers Population Reported by Smallholders by Region as of 1st August 2020, Tanzania**



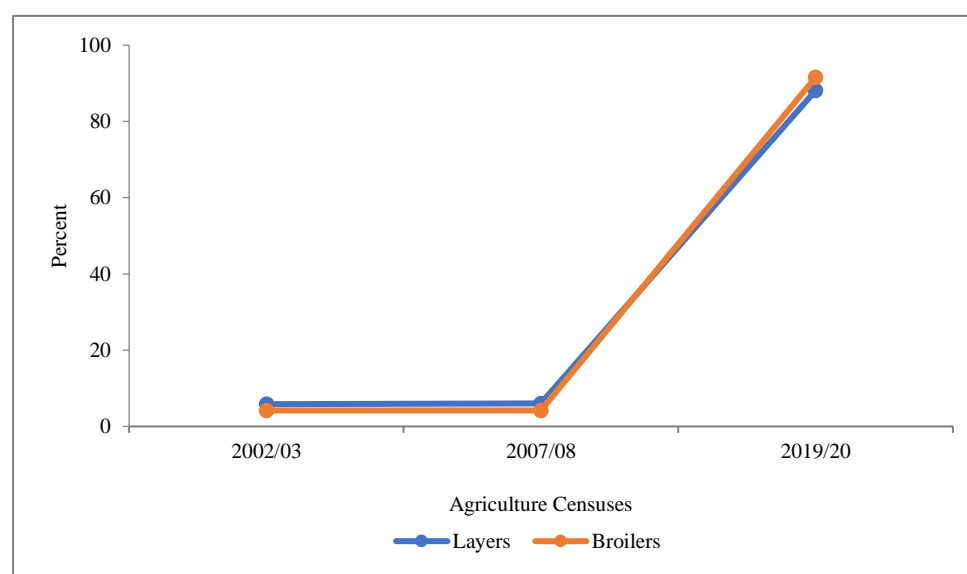
The census results show that, 71.7 percent of the households rearing layers in Tanzania raised 1 to 49 chicken (an average of 17 chicken per household). However, 21.8 percent of households raised between 50 to 100 chicken (an average of 60 chicken per households) and 6.4 percent of households raised 100 and above layers. Furthermore, the results show that, for broilers, 83.8 percent of households raised 1 to 49 chicken with an average of 20 chicken per household and few households (16.1 percent) raised more than 50 broilers (Table 4.7).

**Table 4.7: Number of Households and Chicken, Percentage of Households and Average Number of Improved Chicken per Household by Flock Size, Tanzania**

Flock Size	Layers				Broilers			
	Number of Households	Percent of Households Rearing Layers	Number of Layers	Number of Chicken per Household	Number of Households	Percent of Households Rearing Broilers	Number of Broilers	Number of Chicken per Household
1-49	293,992	71.7	4,984,355	17	277,395	83.8	5,479,385	20
50-99	89,416	21.8	5,348,351	60	34,813	10.5	2,081,821	60
100-299	20,852	5.1	2,914,989	140	9,987	3.0	1,563,305	157
300-499	1,815	0.4	611,996	337	7,062	2.1	2,277,095	322
500-699	2,982	0.7	1,562,491	524	858	0.3	428,847	500
700+	780	0.2	3,127,458	4,010	1,052	0.3	1,019,049	969
<b>Total</b>	<b>409,837</b>	<b>100</b>	<b>18,549,640</b>	<b>45</b>	<b>331,167</b>	<b>100</b>	<b>12,849,502</b>	<b>39</b>

In Tanzania, the number of layers has increased from 1,265,872 chicken in 2007/08 to 18,549,640 in 2019/20 agriculture censuses, which is more than 10 times increase. Similarly, the number of broilers has increased from 584,028 to 12,769,532 more than 20 times increase over the same period (Figure 4.22).

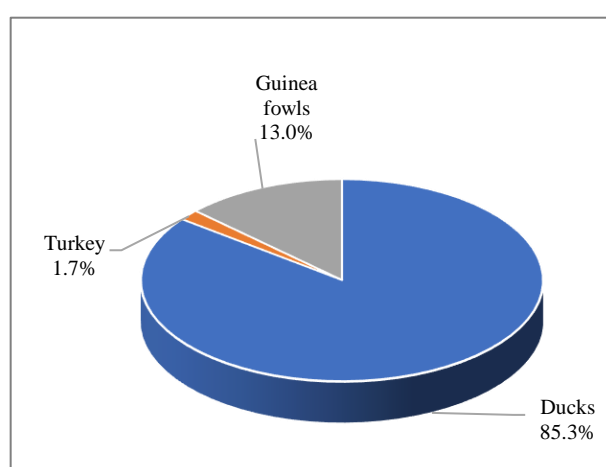
**Figure 4.22: Trend for Improved Chicken Population in 2002/03, 2007/08 and 2019/20 Agricultural Censuses, Tanzania**



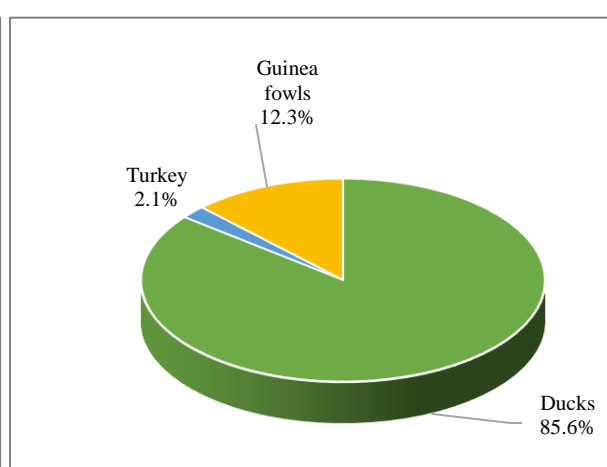
#### 4.1.6 Other Poultry

Other poultry namely, ducks, turkeys and guinea fowls were reported in the 2019/20 agriculture census, though they were kept in small number as compared to chicken. Among other poultry, ducks had the highest number (4,355,750), of which 4,229,018 were in Mainland Tanzania and 126,732 in Tanzania Zanzibar. It was followed by guinea fowls (662,177), of which 643,953 were in Mainland Tanzania and 18,224 in Tanzania Zanzibar and 86,859 turkeys (83,831 in Mainland Tanzania and 3,028 in Tanzania Zanzibar) (Figure 4.23 & 4.24).

**Figure 4.23: Percentage Distribution of Other Poultry Population as of 1<sup>st</sup> August 2020, Mainland Tanzania**



**Figure 4.24: Percentage Distribution of Other Poultry Population as of 1<sup>st</sup> August 2020, Tanzania Zanzibar**



In Mainland Tanzania, Dar es Salaam region had largest population of ducks (555,437; 13.1 percent), followed by Tabora (320,087; 7.6 percent), while the least number was reported in Njombe (15,881; 0.4 percent). Turkey were mostly raised in Dar es Salaam (24,703; 29.5 percent), followed by Mtwara (9,224; 11.0 percent) and Kilimanjaro (7,778; 9.3 percent), while the least number was reported in Mara region (262; 0.3 percent). The largest number of guinea fowls was reported in Dodoma region (130,720; 20.3 percent), followed Rukwa (65,811; 10.2 percent) and Singida (65,687; 10.2 percent). The least number of guinea fowls was reported in Dar es Salaam (3,303; 0.5 percent) (Table 4.8).

In Tanzania Zanzibar, Mjini Magharibi region had largest population of ducks (43,304; 34.2 percent), followed by Kusini Pemba (36,858; 29.1 percent) and Kaskazini Unguja (28,368; 22.4 percent), while the least number was reported in Kaskazini Pemba (5,939; 4.7 percent). Turkey were mostly raised in Kusini Pemba (1,869; 61.7 percent), followed by Mjini Magharibi (1,050; 34.7 percent), while the least number was reported in Kusini Unguja region

(109; 3.6 percent). The largest number of guinea fowls was in Kusini Pemba region (8,465; 46.4 percent), followed by Mjini Magharibi (6,281; 34.5 percent) and the least number was reported in Kaskazini Unguja (1,361; 7.5 percent) (Table 4.8).

**Table 4.8: Number and Percentage of Other Poultry by Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Ducks		Turkey		Guinea Fowls	
	Number	Percent	Number	Percent	Number	Percent
Dodoma	110,600	2.6	2,256	2.7	130,720	20.3
Arusha	31,379	0.7	1,909	2.3	4,314	0.7
Kilimanjaro	88,680	2.1	7,778	9.3	5,581	0.9
Tanga	216,968	5.1	1,238	1.5	14,015	2.2
Morogoro	241,318	5.7	-	-	33,017	5.1
Pwani	128,687	3.0	3,968	4.7	8,162	1.3
Dar-es-Salaam	555,437	13.1	24,703	29.5	3,303	0.5
Lindi	54,477	1.3	2,712	3.2	16,237	2.5
Mtwara	41,922	1.0	9,224	11.0	10,611	1.6
Ruvuma	88,469	2.1	1,155	1.4	12,538	1.9
Iringa	175,836	4.2	2,203	2.6	13,502	2.1
Mbeya	208,759	4.9	3,408	4.1	9,253	1.4
Singida	83,576	2.0	2,857	3.4	65,687	10.2
Tabora	320,087	7.6	1,729	2.1	40,429	6.3
Rukwa	182,859	4.3	2,226	2.7	65,811	10.2
Kigoma	219,779	5.2	-	-	8,961	1.4
Shinyanga	140,290	3.3	582	0.7	19,782	3.1
Kagera	189,802	4.5	-	-	17,116	2.7
Mwanza	294,261	7.0	1,663	2.0	19,221	3.0
Mara	148,627	3.5	262	0.3	6,156	1.0
Manyara	56,672	1.3	3,470	4.1	19,506	3.0
Njombe	15,881	0.4	5,260	6.3	5,033	0.8
Katavi	85,513	2.0	966	1.2	15,413	2.4
Simiyu	157,007	3.7	1,391	1.7	19,165	3.0
Geita	253,921	6.0	-	-	33,845	5.3
Songwe	138,211	3.3	2,871	3.4	46,575	7.2
<b>Mainland Tanzania</b>	<b>4,229,018</b>	<b>100.0</b>	<b>83,831</b>	<b>100.0</b>	<b>643,953</b>	<b>100.0</b>
Kaskazini Unguja	28,368	22.4	-	-	1,361	7.5
Kusini Unguja	12,263	9.7	109	3.6	2,117	11.6
Mjini Magharibi	43,304	34.2	1,050	34.7	6,281	34.5
Kaskazini Pemba	5,939	4.7	-	-	-	-
Kusini Pemba	36,858	29.1	1,869	61.7	8,465	46.4
<b>Tanzania Zanzibar</b>	<b>126,732</b>	<b>100.0</b>	<b>3,028</b>	<b>100.0</b>	<b>18,224</b>	<b>100.0</b>
<b>Tanzania</b>	<b>4,355,750</b>		<b>86,859</b>		<b>662,177</b>	

#### **4.1.7 Other Livestock Population**

Other livestock reported, during the 2019/20 NSCA include dogs, rabbits, donkeys, horses, and guinea pigs. Among other types of livestock, dogs (2,776,918) had the highest population, followed by guinea pigs (1,498,775), rabbits (943,783) and donkeys (409,482) whereas, horses (183) had the least population.

In Mainland Tanzania, Geita region had largest population of dogs (302,879), followed by Mwanza (287,270), while the least number was reported in Dar es Salaam (1,228). Guinea pigs were mostly raised in Iringa (580,141), followed by Njombe (408,130) and Simiyu (283,733), while the least number was reported in Manyara (1,136). The largest number of rabbits was reported in Kagera region (154,012), followed by Kigoma (131,755) and the least number was reported in Simiyu (217).

In Tanzania Zanzibar, Mjini Magharibi region had largest population of dogs (5,303), followed by Kusini Unguja (2,891), while the least number was reported in Kaskazini Unguja (1,924). Rabbits were mostly raised in Kusini Pemba (3,827), followed by Mjini Magharibi (3,571) and Kusini Unguja (3,099), while the least number was reported in Kaskazini Pemba (286). Moreover, guinea pigs were reported in two regions, Mjini Magharibi (2,368) and Kusini Unguja (1,550) (Table 4.9).

**Table 4.9: Number of Other Livestock by Type and Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Type of Livestock					
	Rabbits	Donkeys	Horses	Dogs	Guinea Pigs	Others
Dodoma	14,581	70,723	-	82,464	-	26,727
Arusha	11,314	56,284	183	67,842	15,695	14,975
Kilimanjaro	36,024	15,835	-	35,937	7,064	32,541
Tanga	66,486	5,625	-	57,758	3,761	44,317
Morogoro	48,063	3,055	-	86,320	29,156	53,167
Pwani	22,120	2,708	-	50,635	1,579	7,071
Dar es Salaam	7,071	581	-	1,228	-	101
Lindi	-	-	-	17,857	-	52,021
Mtwara	4,106	-	-	2,786	1,739	74,796
Ruvuma	34,955	1,683	-	61,165	47,261	134,615
Iringa	111,745	26,627	-	150,249	580,141	321,388
Mbeya	50,841	6,152	-	72,977	16,867	122,722
Singida	11,854	28,642	-	142,939	-	221,155
Tabora	833	27,727	-	243,768	2,107	110,836
Rukwa	60,268	27,320	-	75,441	57,259	102,138
Kigoma	131,755	1,542	-	98,029	10,112	213,732
Shinyanga	4,932	12,616	-	184,779	-	104,069
Kagera	154,012	-	-	132,995	-	87,547
Mwanza	37,051	4,820	-	287,270	-	248,875
Mara	1,439	26,476	-	204,440	-	489,840
Manyara	1,630	44,292	-	72,722	1,136	7,973
Njombe	74,186	4,950	-	44,373	408,130	27,749
Katavi	9,327	5,641	-	75,865	1,905	60,697
Simiyu	217	6,553	-	141,021	283,733	79,865
Geita	27,328	15,848	-	302,879	-	388,744
Songwe	10,860	13,257	-	83,179	27,212	57,609
<b>Mainland Tanzania</b>	<b>932,998</b>	<b>408,957</b>	<b>183</b>	<b>2,776,918</b>	<b>1,494,857</b>	<b>3,085,270</b>
Kaskazini Unguja	-	66	-	1,924	-	4,131
Kusini Unguja	3,099	-	-	2,891	1,550	-
Mjini Magharibi	3,571	-	-	5,303	2,368	19,381
Kaskazini Pemba	286	459	-	-	-	286
Kusini Pemba	3,827	-	-	1,962	-	15,229
<b>Tanzania Zanzibar</b>	<b>10,783</b>	<b>525</b>	<b>-</b>	<b>12,080</b>	<b>3,918</b>	<b>39,027</b>
<b>Tanzania</b>	<b>943,781</b>	<b>409,482</b>	<b>183</b>	<b>2,788,998</b>	<b>1,498,775</b>	<b>3,124,297</b>



## 4.2 Method of Cattle Identification

Cattle identification has been essential for households to keep records of their livestock on parentage, birth date, production records, health history, and other important management information. Identification is also important to indicate ownership of a particular livestock, or to indicate the herd/flock.

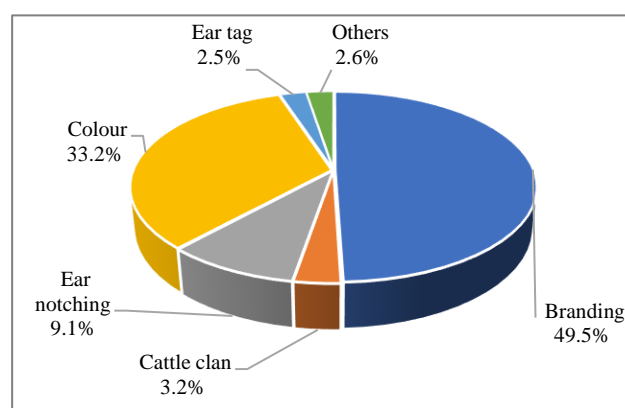
In 2019/20 agricultural year, five main methods of cattle identification reported by households include branding, cattle clans, ear notching, colour and ear tags. A total of 1,971,550 cattle raising households in Tanzania reported using different methods of cattle identification, of which 1,915,625 households were in Mainland and 55,925 households in Tanzania Zanzibar.

Census results show that in Mainland

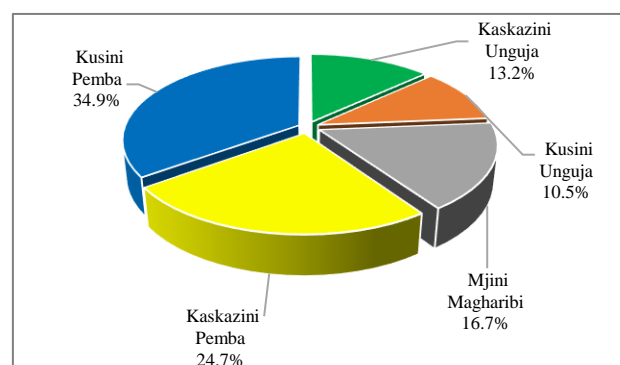
Tanzania, identification of cattle by branding was mostly used (948,185; 49.5 percent), followed colour (635,608; 33.2 percent) and ear notching (174,325; 9.1 percent). Among the household used branding method, Manyara region had the largest number of households (121,183; 12.8 percent), followed Tabora (106,679; 11.2 percent) and Arusha (92,085; 9.7 percent), whereas the least reported region was Mtwara (714; 0.08 percent) (Figure 4.25).

For the case of Tanzania Zanzibar, cattle identification by colour was mostly reported by 53,325 households (95.3 percent), followed by cattle clan (538; 1.0 percent) and ear tags (474; 0.8 percent). Among the households used colour method, Kusini Pemba region had the largest number of households (18,634; 34.9 percent), followed Kaskazini Pemba (13,182; 24.7 percent), whereas the least number of households was reported in Kusini Unguja region (5,593; 10.5 percent) (Figure 4.26).

**Figure 4.25: Percentage of Households and Type of Method of Cattle Identification Used During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 4.26: Percentage of Households Using Colour as a Method of Cattle Identification by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 4.3 Livestock and Poultry Products

This section presents the result of livestock and poultry products reported during the 2019/20 Agriculture Census. The products include milk, chicken eggs, hides and skins.

#### 4.3.1 Milk Production

The total milk production reported during 2019/20 agricultural year in Tanzania was 3,130,774,084 litres from cows and 21,295,903 litres from goats. Out of the total cow milk produced, 3,112,940,008 litres were from smallholder farmers (3,076,489,371 in Mainland Tanzania and 36,450,637 in Tanzania Zanzibar) and 17,834,076 litres from large scale farms (17,574,621 in Mainland Tanzania and 259,455 in Tanzania Zanzibar) whereas the total goat milk production from smallholder farmers was 21,283,388 litres (21,170,686 in Mainland Tanzania and 112,702 in Tanzania Zanzibar) and 12,515 litres from large scale farms (10,895 in Mainland Tanzania and 1,620 in Zanzibar) (Table 4.10).

**Table 4.10: Milk Production for Large Scale Farms and Smallholder Farmers During 2019/20 Agricultural Year, Tanzania**

Livestock Product	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Smallholder Farmers	Large Scale Farms	Smallholder Farmers	Large Scale Farms	Smallholder Farmers	Large Scale Farms
Cow Milk (Litres)	3,112,940,008	17,834,076	3,076,489,371	17,574,621	36,450,637	259,455
Goat Milk (Litres)	21,283,388	12,515	21,170,686	10,895	112,702	1,620

##### 4.3.1.1 Cow Milk

The results show that, 54.4 percent of the total cattle keeping households in Mainland Tanzania reported to produce milk, while in Tanzania Zanzibar, 39.8 percent reported milk production. For smallholder farmers, the total milk produced was 3,112,940,008 litres, of which 3,076,489,371 litres were produced in Mainland Tanzania (1,913,683,988 litres during wet season; 1,162,805,383 litres during dry season) and 36,450,637 litres in Tanzania Zanzibar (23,343,263 litres during wet season; 13,107,374 litres during dry season) (Table 4.11).

**Table 4.11: Cow Milk Production for Smallholder Farmers by Season During 2019/20 Agricultural Year, Tanzania**

Season	Milk Production (Litres)		
	Tanzania	Mainland Tanzania	Tanzania Zanzibar
Wet Season	1,937,027,251	1,913,683,988	23,343,263
Dry Season	1,175,912,757	1,162,805,383	13,107,374
<b>Total</b>	<b>3,112,940,008</b>	<b>3,076,489,371</b>	<b>36,450,637</b>

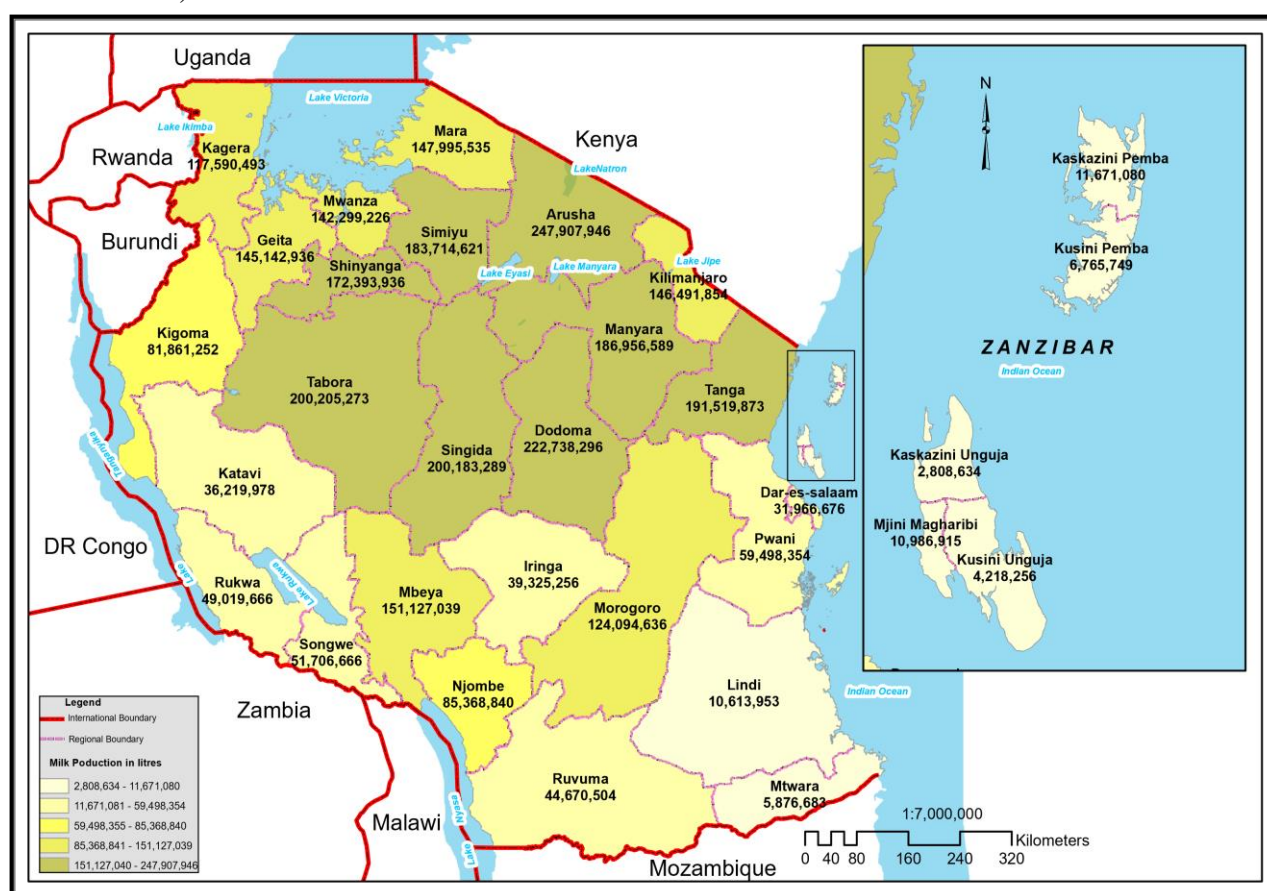
The average milk production per cow per day for indigenous cattle was 3 litres in both Mainland Tanzania and Tanzania Zanzibar during wet and dry seasons. For improved cattle, the average milk production per cow per day during wet was 9 liters and for dry seasons was 8 litres in Mainland Tanzania, while in Tanzania Zanzibar the production was 10 and 9 litres during wet and dry season respectively (Table 4.12).

**Table 4.12: Average Milk Production per Cow per Day by Type of Cattle and Season During 2019/20 Agricultural Year, Tanzania**

Type of Cattle	Season	Average Milk Production per Cow per Day (Litres)	
		Mainland Tanzania	Tanzania Zanzibar
Indigenous Cattle	Wet Season	3	3
	Dry Season	3	3
Improved Cattle	Wet Season	9	10
	Dry Season	8	9

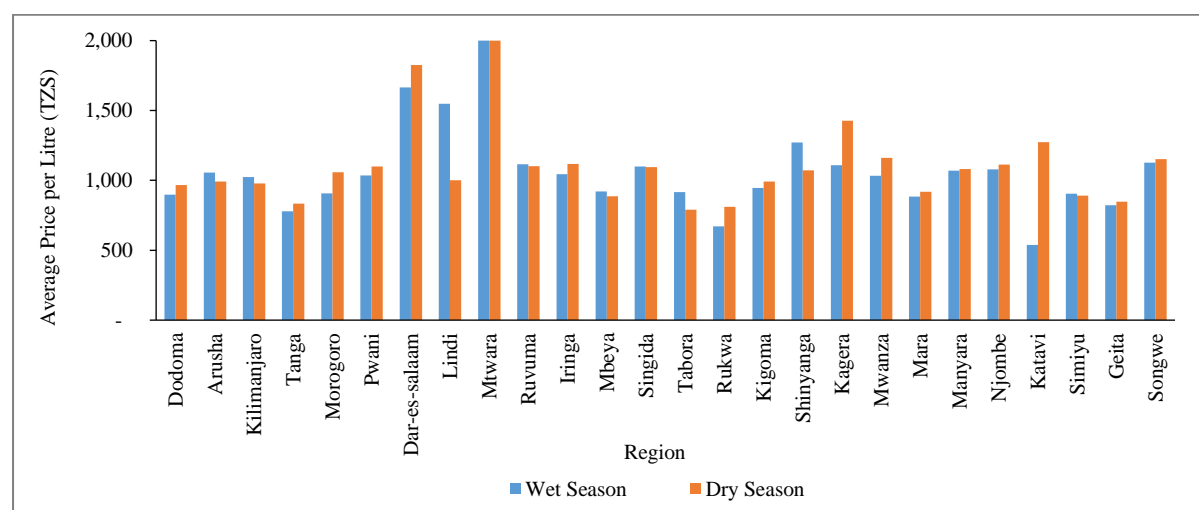
In Mainland Tanzania, Arusha region had the highest production of milk (247,907,946 litres; 8.1 percent of the total milk produced), followed by Dodoma (222,738,296 litres; 7.2 percent) and Tabora (200,205,273 litres; 6.5 percent). The least production was reported in Mtwara region (5,876,683 litres; 0.2 percent) (Map 4.9).

**Map 4.9: Cow Milk Production Reported by Smallholders by Region During 2019/20 Agricultural Year, Tanzania**



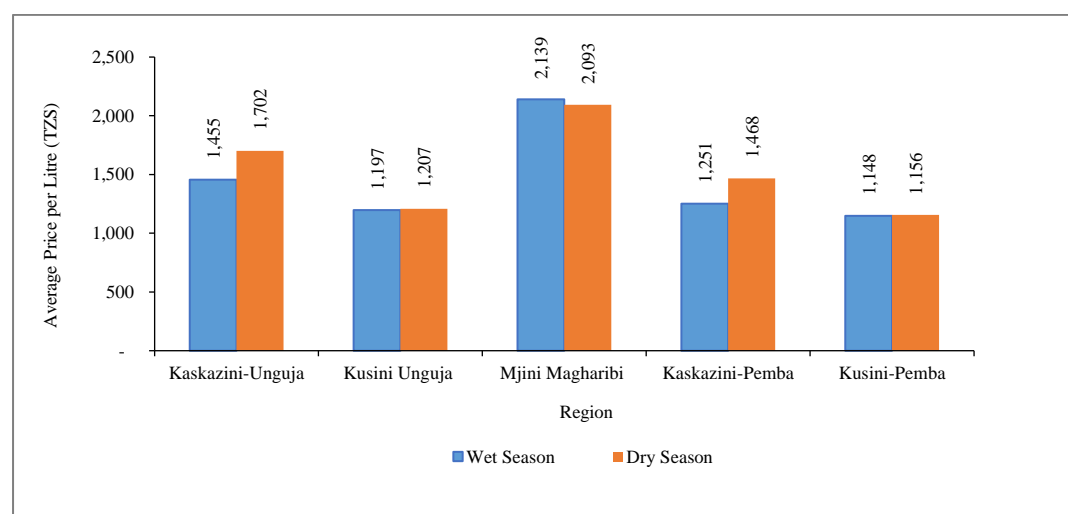
The highest milk price per litre was reported in Mtwara region (TZS 2,000 in wet and dry season), followed by Dar es Salaam (TZS 1,652 in wet season and TZS 1,816 in dry season). The lowest milk price was reported in Katavi (TZS 544 in wet season) and Tabora (TZS 853 in dry season) (Figure 4.27).

**Figure 4.27: Average Price of Cow Milk by Region and Season During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, Kaskazini Pemba region had the highest production of milk (11,671,080 litres; 32 percent), followed by Mjini Magharibi (10,986,916 litres; 30.1 percent) and the least production was reported in Kaskazini Unguja (2,809,505 litres; 7.7 percent). The highest milk price per litre was TZS 1,885 in Mjini Magharibi during wet season and TZS 1,862 during dry season. The lowest price was TZS 1,166 in Kusini Pemba during wet season and TZS 1,168 during dry season (Figure 4.28).

**Figure 4.28: Average Price of Cow Milk by Region and Season During 2019/20 Agricultural Year, Tanzania Zanzibar**



#### 4.3.1.2 Goat Milk

The results show that, 2.2 percent of the total goats keeping households in Mainland Tanzania reported to produce milk while in Tanzania Zanzibar, 0.4 percent of the total households reported the same. For smallholder farmers, the total milk produced was 21,283,388 litres of which 21,170,686 litres were produced in Mainland Tanzania (14,009,404 litres during wet season; 7,161,282 litres during dry season) and 112,702 litres in Tanzania Zanzibar (45,081 litres during wet season; 67,621 litres during dry season).

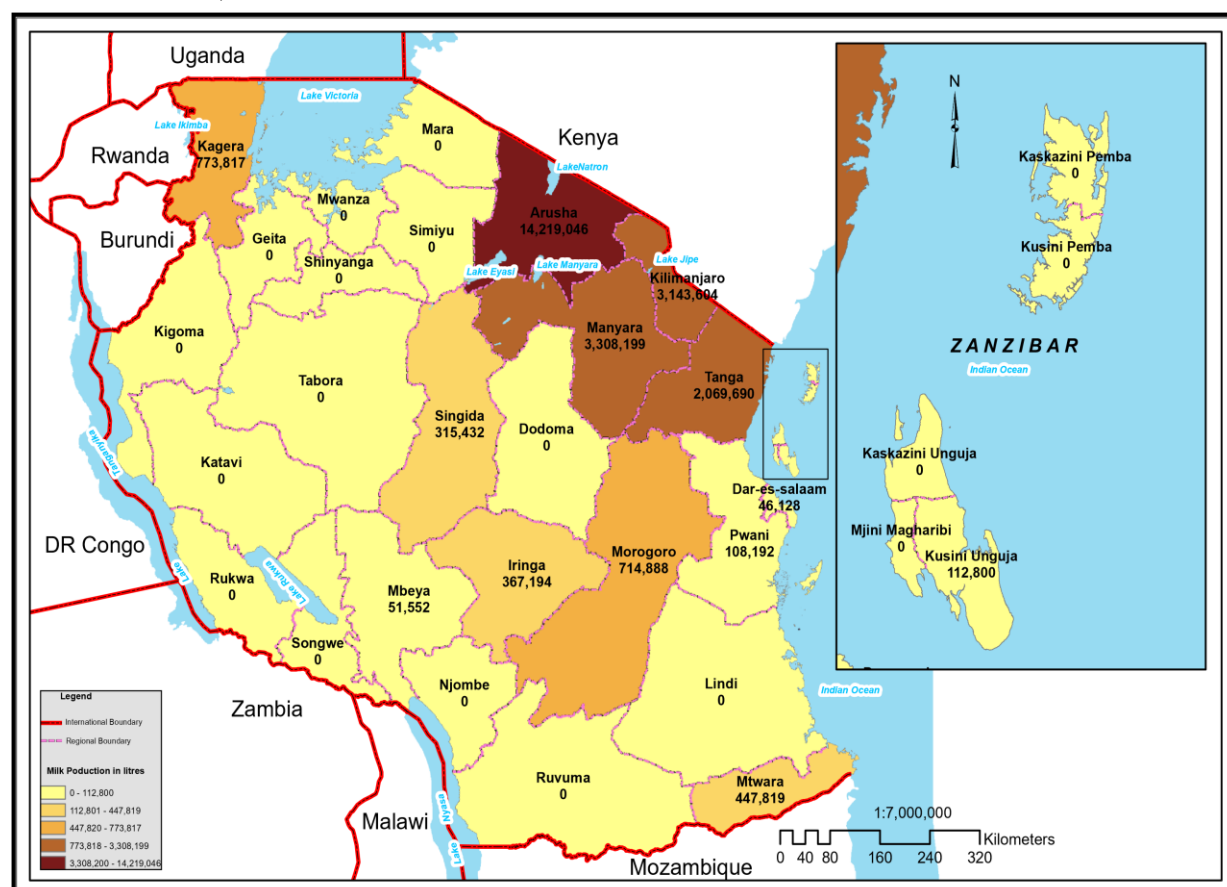
The average milk production per goat per day was 3 litres in Mainland Tanzania during wet and dry seasons and; 2 and 3 litres in Tanzania Zanzibar during wet and dry season respectively. The average lactation length was 53 days in Mainland Tanzania and 60 days in Tanzania Zanzibar during wet season whereas 52 days in Mainland Tanzania and 60 days in Tanzania Zanzibar during dry season (Table 4.13).

**Table 4.13: Goat Milk Production and AVERAGE Milk Production per Goat per Day for Smallholder Farmers by Season During 2019/20 Agricultural Year, Tanzania**

	Tanzania	Mainland Tanzania		Tanzania Zanzibar	
Season	Milk Production (Litres)	Milk Production (Litres)	Average Milk Production per Goat per Day (Litres)	Milk Production (Litres)	Average Milk Production per Goat per Day (Litres)
Wet Season	14,054,485	14,009,404	3	4,081	2
Dry Season	7,228,903	7,161,282	3	67,621	3
<b>Total</b>	<b>21,283,388</b>	<b>21,170,686</b>		<b>112,702</b>	

In Mainland Tanzania, Arusha region had the highest production of milk (11,671,725 litres; 55.1 percent), followed by Manyara (2,941,877 litres; 13.9 percent) and Kilimanjaro (2,457,317 litres; 11.6 percent). The least goat milk production was reported in Dar es Salaam region (43,865 litres; 0.2 percent). Whilst in Tanzania Zanzibar production of goat milk was reported in Kusini Unguja only (112,702 litres) (Map 4.10).

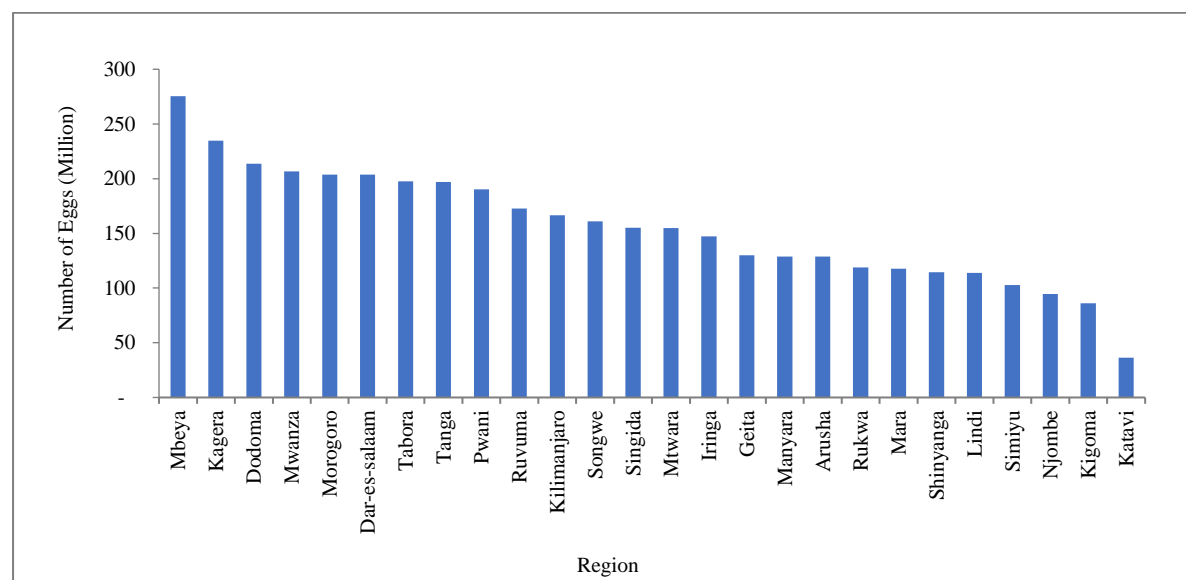
**Map 4.10: Goat Milk Production Reported by Smallholders by Region During 2019/20 Agricultural Year, Tanzania**



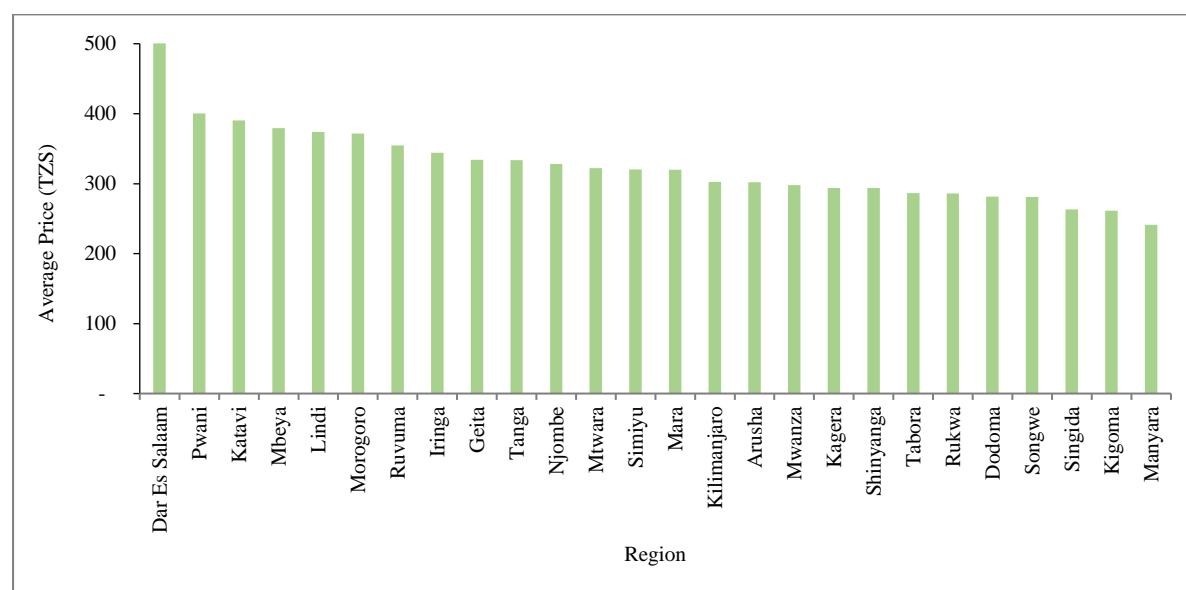
### 4.3.2 Chicken Eggs Production

The results show that, the total eggs production was 4,375,888,580 of which 4,280,616,938 (97.8 percent) were from smallholder farmers and 95,271,642 (2.2 percent) from large scale farms. Out of the total eggs from the smallholder farmers, 4,056,838,638 eggs were produced in Mainland Tanzania and 223,778,300 in Tanzania Zanzibar. Mbeya region had the highest production of eggs (276 million; 6.7 percent), followed by Kagera 235 million (5.8 percent) and Dodoma 214 million (5.3 percent) eggs. The least production of eggs was recorded in Katavi region (36 million; 0.9 percent). The average price per egg was TZS 321 while in Tanzania Zanzibar, the average price was TZS 364. The price ranged from a minimum of TZS 241 per egg in Manyara region to a maximum of TZS 501 in Dar es Salaam (Figure 4.29 & 4.30).

**Figure 4.29: Eggs Production by Region During 2019/20 Agricultural Year, Mainland Tanzania**

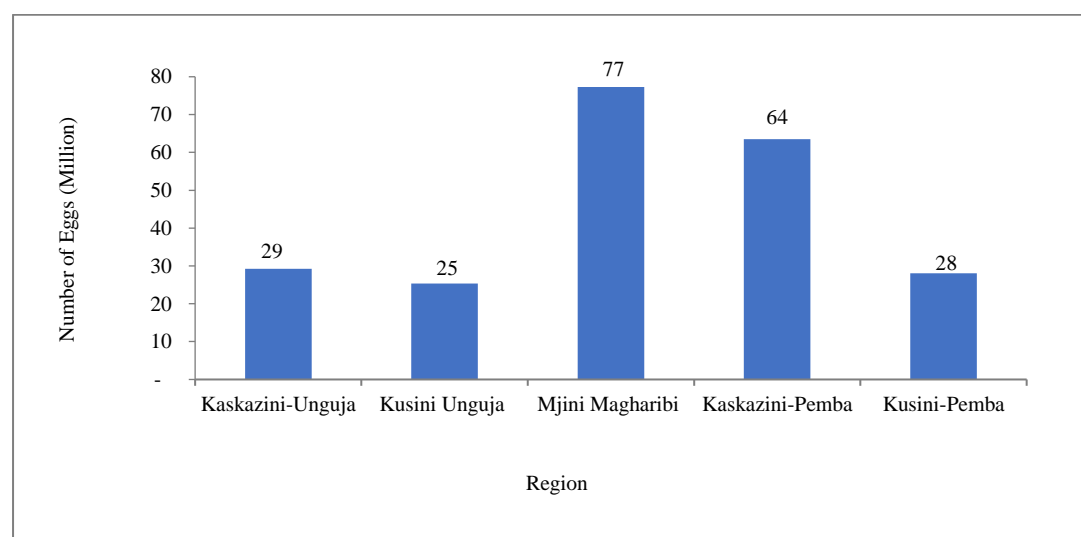


**Figure 4.30: Average Price of an Egg by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the production of eggs was higher in Mjini Magharibi region (77 million eggs; 34.6 percent), followed by Kaskazini Pemba (64 million eggs; 28.4 percent) and Kaskazini Unguja (29 million eggs; 13.1 percent) The least production was reported in Kusini Unguja (25 million eggs; 11.3 percent) (Figure 4.31).

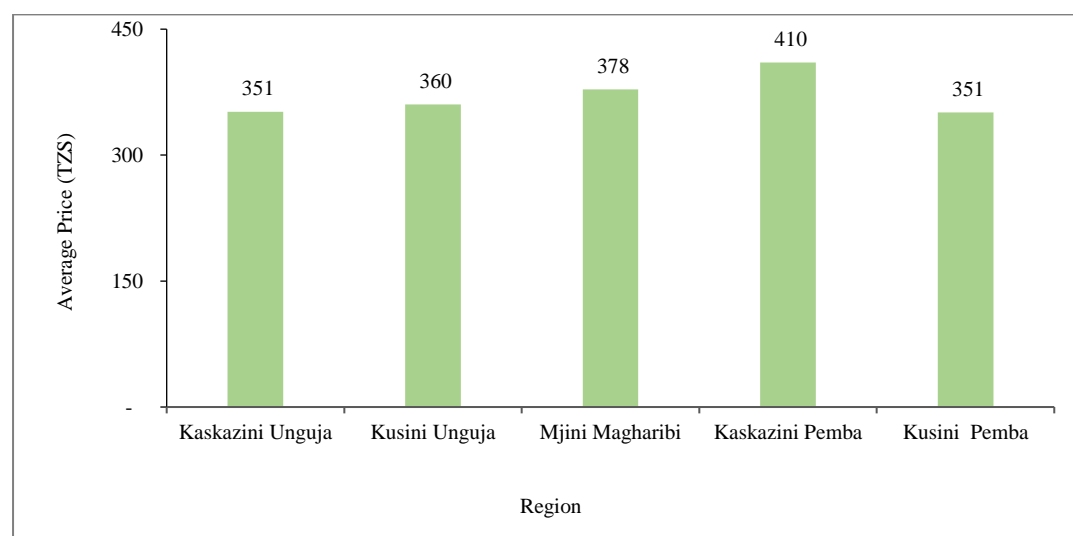
**Figure 4.31: Eggs Production by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



The minimum price per egg was TZS 351 in Kusini Pemba region and Kaskazini Unguja, and the maximum was TZS 410 in Kaskazini Pemba (Figure 4.32).



**Figure 4.32: Average Price of an Egg by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 4.3.3 Hides and Skins

Production of hides and skins were among the livestock products information collected during the 2019/20 agricultural year at household level. This excludes hides and skins produced from abattoirs and slaughter houses available in the country. The results show that, the total production of hides in Tanzania was 246,935 pieces, out of which, 8,886 pieces (3.6 percent) were from large scale farms and 238,049 pieces (96.4 percent) from smallholder farmers. The total production from smallholder farmers was reported only in Mainland Tanzania.

In addition to that, information on pieces of skins produced from goat and sheep were reported, of which the total of 1,008,870 pieces (1,094 from large scale farms and 1,007,776 from smallholder farmers) were produced from goat skins and 91,475 pieces (1,171 from large scale farms and 90,304 from smallholder farmers) from sheep skins.

## 4.4 Outlet for Sales of Livestock and Livestock Product

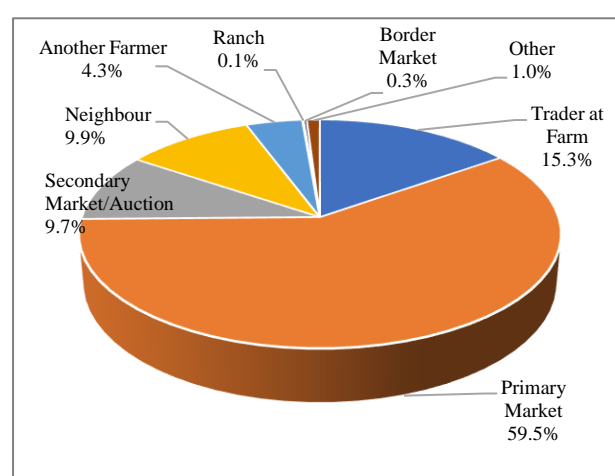
### 4.4.1 Cattle Outlets

The 2019/20 NSCA results show that, most of the households reported to sell their cattle to primary market (924,871; 58.6 percent), followed by those who trade at farm (258,643; 16.4 percent) and neighbor (156,620; 9.9 percent). The least number of households reported to sell their cattle to ranch (1,643; 0.1 percent). Similar behavior of outlets for sell of cattle was reported in Mainland Tanzania, where most households sold their cattle to primary market (918,642; 59.5 percent), followed by those who traded at farm (235,935; 15.3 percent) and

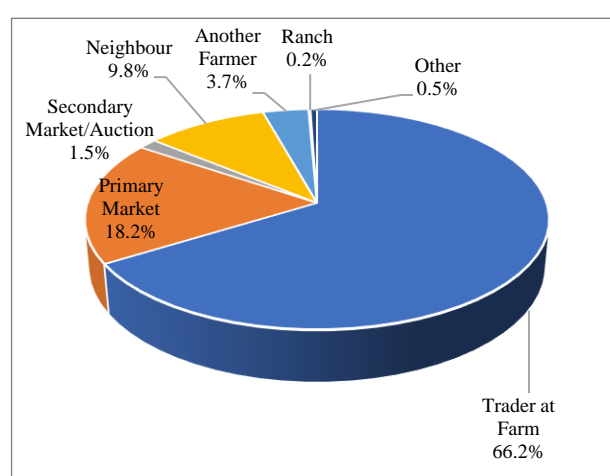
neighbor (153,271; 9.9 percent). Whilst, the least number of households reported to sell their cattle to ranch (1,588; 0.1 percent) (Figure 4.33).

The situation was different in Tanzania Zanzibar whereby majority of households traded their cattle at farm (22,708; 66.2 percent), followed by those sold at primary market (6,229; 18.2 percent). The least number of households reported to sell their cattle to ranch (55; 0.2 percent) (Figure 4.34).

**Figure 4.33: Percentage Distribution of Households Reported Outlet for Sale of Cattle During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 4.34: Percentage Distribution of Households Reported Outlet for Sale of Cattle During 2019/20 Agricultural Year, Tanzania Zanzibar**

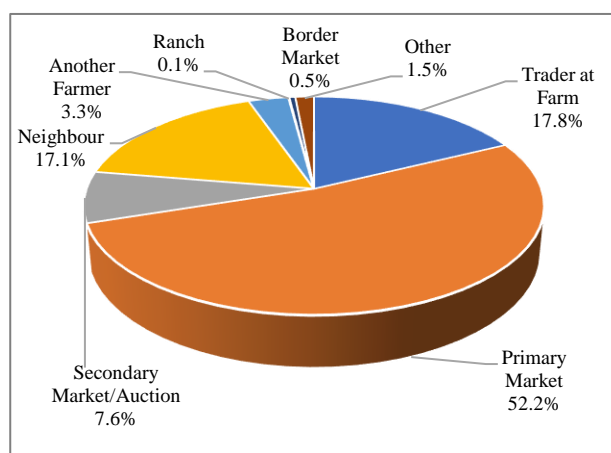


#### 4.4.2 Goats Outlets

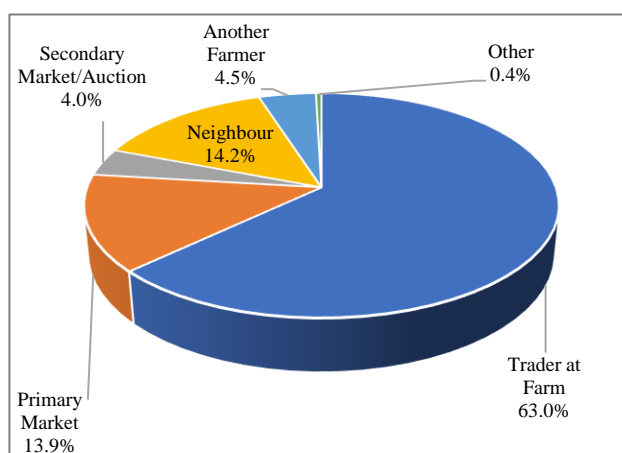
In Tanzania, most of the households reported to sell their goats to primary market (737,570; 51.9 percent), followed by those who trade at farm (257,643; 18.1 percent) and neighbor (241,987; 17.0 percent). The least number of households reported to sell their goats to ranch (1,132; 0.1 percent). Similar behavior of outlets for sell of goats was reported in Mainland Tanzania, where most households sold their goats to primary market (735,961; 52.2 percent), followed by those who traded at farm (250,342; 17.8 percent) and neighbor (240,343; 17.1 percent). Whilst, the least number of households reported to sell their goats to ranch (1,132; 0.1 percent) (Figure 4.35).

In Tanzania Zanzibar, majority of households traded their goats at farm (7,301; 63.0 percent), followed by those sold at neighbour (1,644; 14.2 percent). The least number of households reported to sell their goats to other outlets (51; 0.4 percent) (Figure 4.36).

**Figure 4.35: Percentage Distribution of Households Reported Outlet for Sale of Goats During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 4.36: Percentage Distribution of Households Reported Outlet for Sale of Goats During 2019/20 Agricultural Year, Tanzania Zanzibar**



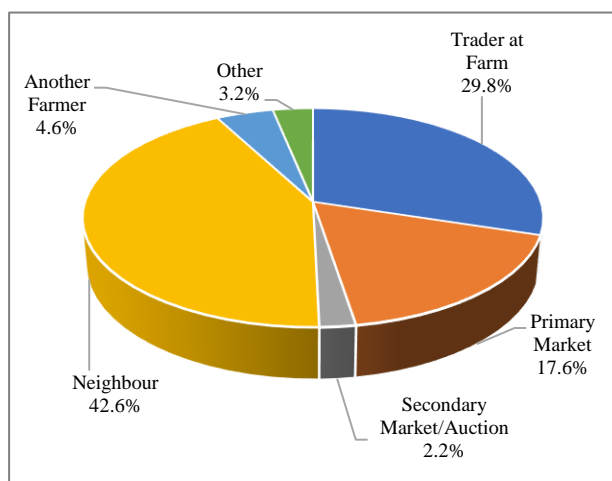
#### 4.4.3 Chicken Outlets

During 2019/20 Agricultural year, majority of the households reported to sell their chicken to neighbours (1,397,869; 42.9 percent), followed by those who traded at farm (965,814; 29.6 percent) and primary market (566,997; 17.4 percent). The least number of households reported to sell their chicken to secondary market (71,135; 2.2 percent).

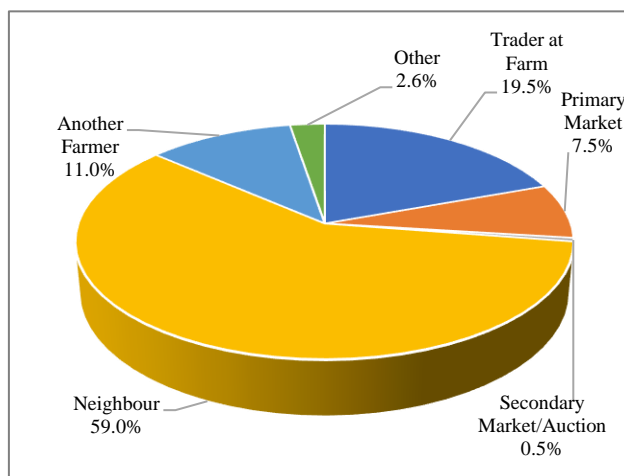
Furthermore, in Mainland Tanzania, most of households sold their chicken to neighbour (1,360,369; 42.6 percent), followed by those who trade at farm (953,441; 29.8 percent) and primary market (562,228; 17.6 percent). The least number of households reported to sell their chicken to secondary market (70,832; 2.2 percent) (Figure 4.37).

In Tanzania Zanzibar, most of the households traded their chicken to neighbor (37,500; 59.0 percent), followed by those traded at farm (12,373; 19.5 percent). The least number of households reported to sell their chicken to secondary market (303; 0.5 percent) (Figure 4.38).

**Figure 4.37: Percentage Distribution of Households Reported Outlet for Sale of Chicken During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 4.38: Percentage Distribution of Households Reported Outlet for Sale of Chicken During 2019/20 Agricultural Year, Tanzania Zanzibar**

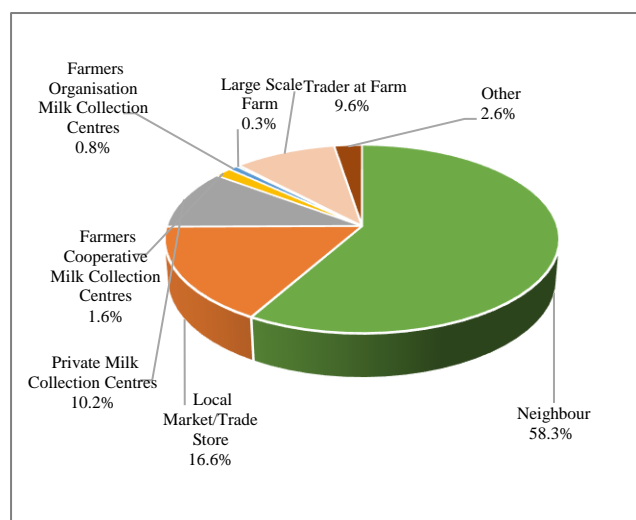


#### 4.4.4 Cattle Milk Outlets

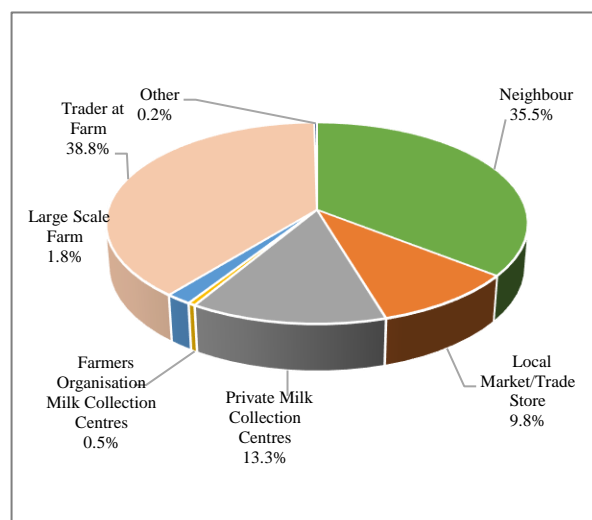
In Tanzania, majority of the households reported to sell milk to neighbours (246,886; 57.2 percent), followed by those who sell to the local market/trade store (70,149; 16.2 percent) and trade at farm (47,456; 11.0 percent). The least number of households reported to sell milk to large scale farms (1,574; 0.4 percent).

In Mainland Tanzania, most households sold their milk to neighbor (239,348; 58.3 percent), followed by local market/trade store (68,065; 16.6 percent) and private milk collection centers (41,953; 10.2 percent). The least number of households reported to sell their milk to large scale farms (1,201; 0.3 percent) (Figure 4.39). In Tanzania Zanzibar, most of the households traded their milk at farm (8,236; 38.8 percent), followed by those who sold to neighbor (7,538; 35.5 percent). The least number of households reported to sell their milk to other places (51; 0.2 percent) (Figure 4.40).

**Figure 4.39: Percentage Distribution of Households Reported Outlet for Sale of Milk During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 4.40: Percentage Distribution of Households Reported Outlet for Sale of Milk During 2019/20 Agricultural Year, Tanzania Zanzibar**



## 4.5 Livestock Pests and Parasites Control

Livestock pests and parasites pose a great threat to livestock causing illness and hence reduced production, growth and sometimes deaths. Their control is most important in livestock rearing. In the 2019/20 agricultural year, the results on pests and disease control is presented in two segments. The first segment presents the results on common livestock diseases whilst the second segment presents the results on the control methods of specific types of pests and parasites.

### 4.5.1 Common Livestock Diseases

The livestock diseases and pests control focused on species of cattle, goats, sheep, pigs and chickens. The most common livestock diseases reported for these animals include Tick Borne Diseases, Contagious Bovine Pleura Pneumonia (CBPP), Contagious Caprine Pleuropneumonia (CCPP), trypanosomiasis, lumpy skin disease, helmenthioitis, Foot and Mouth Disease (FMD), brucellosis, black quarter, anthrax, and Newcastle Disease (NCD).

#### **4.5.1.1 Cattle Diseases**

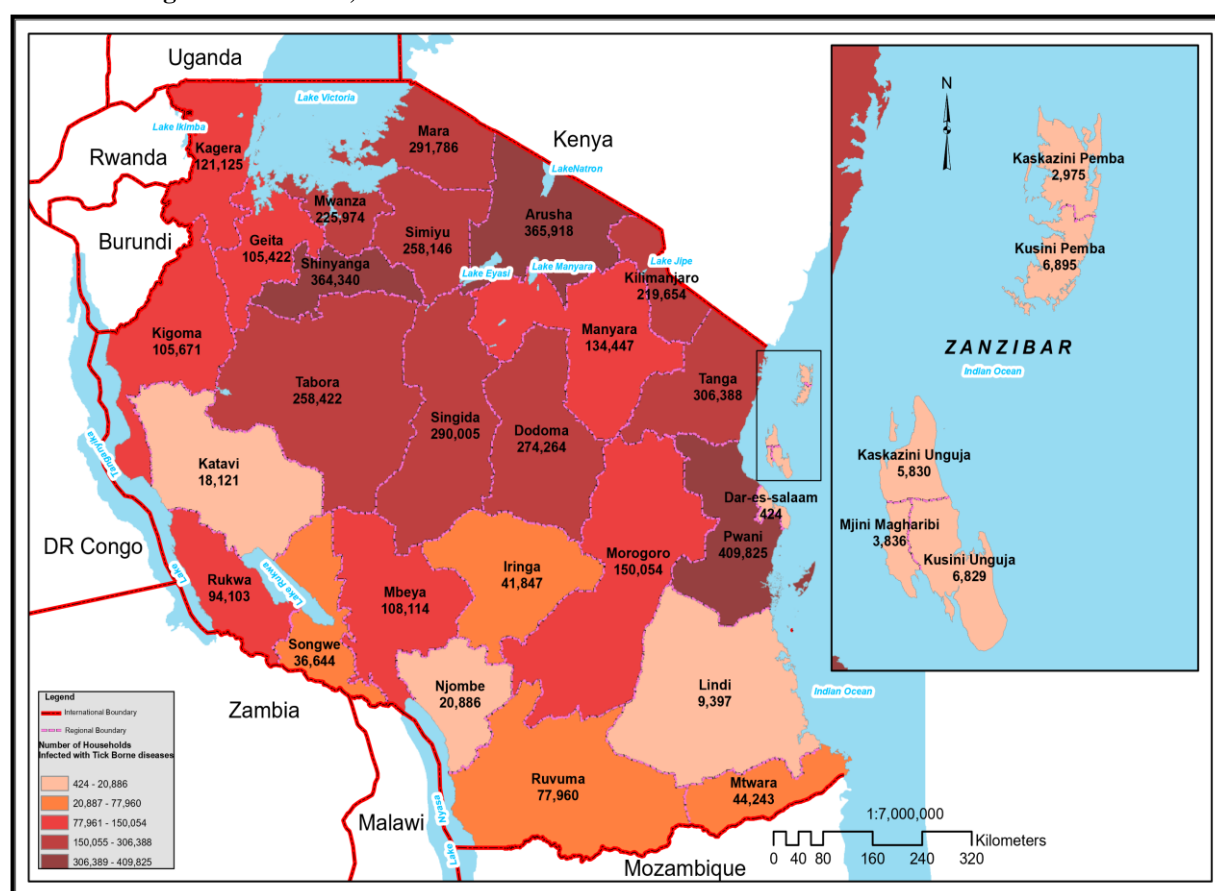
##### **a) Tick Borne Diseases**

The total number of households reported encountering tick borne diseases to their cattle was 428,637 (417,517 in Mainland Tanzania and 11,120 in Tanzania Zanzibar), which represents 21.7 percent of the total cattle rearing households during the 2019/20 agricultural year.

A total of 4,359,545 cattle were infected with tick borne diseases, of which 4,333,180 cattle were in Mainland Tanzania and 26,365 in Tanzania Zanzibar. In Mainland Tanzania, Pwani region had the highest proportion of cattle infected with tick borne diseases (409,825 heads; 9.5 percent), followed by Arusha (365,918 heads; 8.4 percent) and Shinyanga (364,340 heads; 8.4 percent). The lowest proportion of cattle infected was reported in Dar es Salaam region (424; 0.01 percent).

In Tanzania Zanzibar, Kusini Pemba Region had the highest number of cattle infected by tick borne diseases (6,895; 26.2 percent), followed by Kusini Unguja (6,829; 25.9 percent) and Kaskazini Unguja (5,830; 22.1 percent). The lowest proportion was reported in Kaskazini Pemba region (2,975; 11.3 percent) (Map 4.11).

**Map 4.11: Number of Households Reported Tick Borne Diseases Infections During 2019/20 Agricultural Year, Tanzania**



## b) Contagious Bovine Pleura Pneumonia (CBPP) Disease

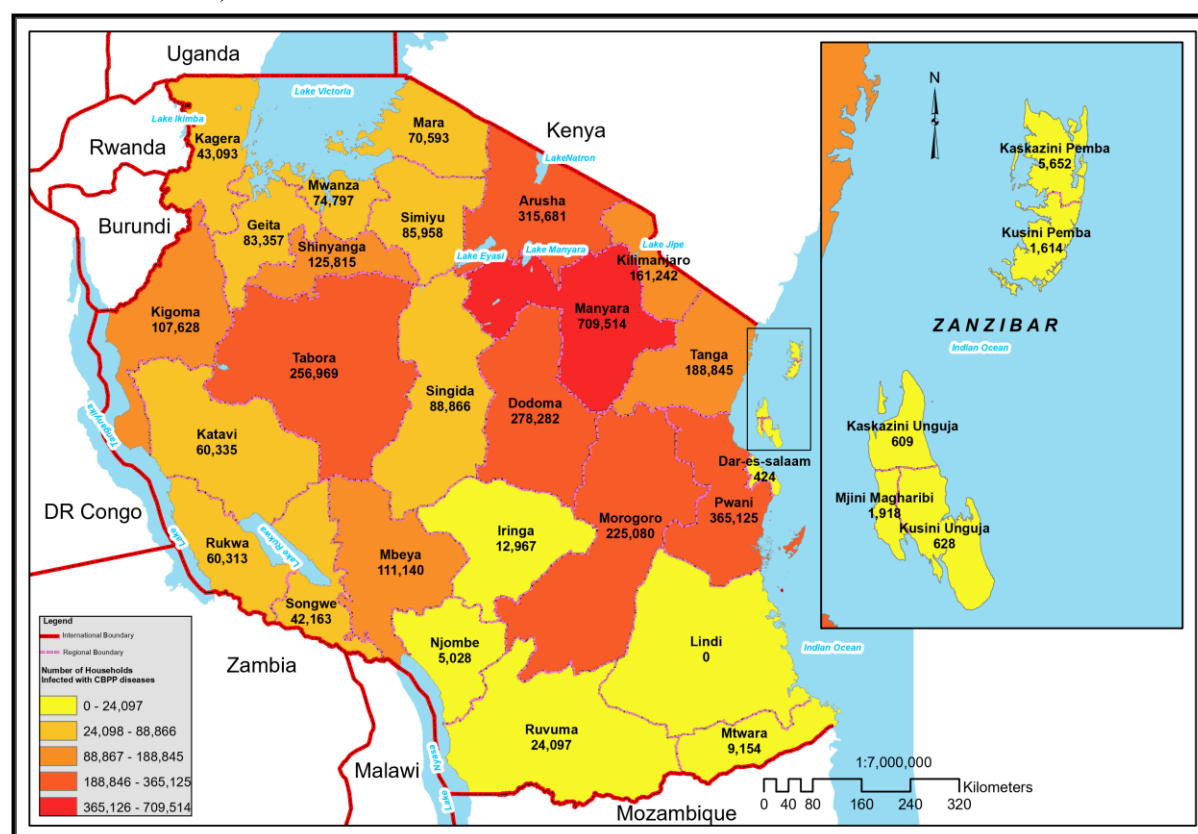
The total number of households reported to encounter CBPP disease to their cattle was 318,908 (314,214 in Mainland Tanzania and 4,694 in Tanzania Zanzibar), which represents 16.2 percent of the cattle rearing households during the 2019/20 agricultural year.

A total of 3,516,887 cattle were reported to be infected with CBPP disease, of which 3,506,466 cattle in Mainland Tanzania and 10,421 in Zanzibar. In Mainland Tanzania, Manyara region had the highest proportion of cattle infected with CCBP disease (709,514; 20.2 percent), followed by Pwani (365,125; 10.4 percent) and Arusha (315,681; 9.0 percent). The lowest proportion of cattle infected was reported in Dar es Salaam region (424; 0.01 percent).

In Tanzania Zanzibar, Kaskazini Pemba region had the highest number of cattle infected with CBPP disease (5,652; 54.2 percent), followed by Mjini Magharibi (1,918; 18.4 percent) and

Kusini Pemba (1,614; 15.5 percent). The lowest number was reported in Kaskazini Unguja region (609; 5.8 percent) (Map 4.12).

**Map 4.12: Number of Households Reported CBPP Disease Infections During 2019/20 Agricultural Year, Tanzania**



### c) Trypanosomiasis

The total number of households reported to encounter trypanosomiasis disease in their animals was 191,846 (191,407 in Mainland Tanzania and 439 in Tanzania Zanzibar); which represents 9.7 percent of the total cattle keeping households during the 2019/20 agricultural year.

A total number of 1,685,215 cattle were infected with trypanosomiasis disease, of which 1,684,467 cattle were in Mainland Tanzania and 748 in Tanzania Zanzibar. In Mainland Tanzania, Kilimanjaro region had the highest proportion of cattle infected with trypanosomiasis disease (256,077 heads; 15.2 percent), followed by Arusha (247,040; 14.7 percent) and Tanga (233,321; 13.9 percent). The lowest proportion was reported in Njombe region (774 heads; 0.05 percent).



In Tanzania Zanzibar, Mjini Magharibi region had the highest number of cattle infected with trypanosomiasis disease (339; 45.3 percent), followed by Kusini Unguja (235; 31.4 percent) and the lowest proportion was reported in Kaskazini Unguja (174 heads; 23.3 percent) (Table 4.14).

**Table 4.14: Number of Reported Cases of Cattle Diseases Occurrence by Type and Region During 2019/20 Agricultural Year**

Region	Diseases							
	Trypanosomiasis		Lumpy Skin Disease		Helmenthiosis		Black Quarter	
	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent
Dodoma	74,135	4.4	95,682	5.3	113,577	3.0	9,495	1.5
Arusha	247,040	14.7	129,323	7.2	333,918	8.8	10,943	1.7
Kilimanjaro	256,077	15.2	37,979	2.1	285,172	7.5	4,220	0.7
Tanga	233,321	13.9	61,772	3.4	340,980	8.9	16,590	2.6
Morogoro	98,249	5.8	106,586	5.9	105,395	2.8	19,054	3.0
Pwani	97,367	5.8	44,036	2.4	127,241	3.3	313,786	48.7
Dar es Salaam	3,388	0.2	424	0.0	847	0.0	-	-
Lindi	72,357	4.3	-	-	14,096	0.4	-	-
Mtwara	7,628	0.5	9,154	0.5	9,154	0.2	-	-
Ruvuma	19,136	1.1	41,106	2.3	60,242	1.6	19,844	3.1
Iringa	17,682	1.0	30,059	1.7	93,713	2.5	8,251	1.3
Mbeya	33,837	2.0	63,548	3.5	151,579	4.0	18,982	2.9
Singida	61,804	3.7	88,866	4.9	132,385	3.5	20,480	3.2
Tabora	24,418	1.4	206,389	11.4	136,042	3.6	83,428	13.0
Rukwa	8,448	0.5	58,937	3.3	53,830	1.4	2,750	0.4
Kigoma	38,159	2.3	38,159	2.1	136,002	3.6	-	-
Shinyanga	25,949	1.5	48,753	2.7	83,353	2.2	9,698	1.5
Kagera	33,775	2.0	103,655	5.7	173,535	4.6	-	-
Mwanza	20,975	1.2	50,656	2.8	306,707	8.0	9,498	1.5
Mara	93,571	5.6	143,678	8.0	550,629	14.4	11,073	1.7
Manyara	171,005	10.2	184,474	10.2	202,512	5.3	8,899	1.4
Njombe	774	0.0	15,084	0.8	30,943	0.8	35,197	5.5
Katavi	10,708	0.6	19,768	1.1	17,091	0.4	1,030	0.2
Simiyu	9,762	0.6	110,363	6.1	36,336	1.0	3,796	0.6
Geita	22,474	1.3	77,228	4.3	282,761	7.4	5,312	0.8
Songwe	2,428	0.1	39,073	2.2	35,761	0.9	31,567	4.9
<b>Mainland Tanzania</b>	<b>1,684,467</b>	<b>100.0</b>	<b>1,804,752</b>	<b>100.0</b>	<b>3,813,801</b>	<b>100.0</b>	<b>643,893</b>	<b>100.0</b>
Kaskazini Unguja	174	23.3	4,785	16.1	5,308	9.0	2,958	39.4
Kusini Unguja	235	31.4	5,337	17.9	7,221	12.3	1,256	16.7
Mjini Magharibi	339	45.3	5,078	17.0	13,428	22.9	2,708	36.0
Kaskazini Pemba	-	-	5,652	19.0	22,904	39.0	595	7.9
Kusini Pemba	-	-	8,949	30.0	9,829	16.7	-	-
<b>Tanzania Zanzibar</b>	<b>748</b>	<b>100.0</b>	<b>29,801</b>	<b>100.0</b>	<b>58,690</b>	<b>100.0</b>	<b>7,517</b>	<b>100.0</b>
<b>Tanzania</b>	<b>1,685,215</b>		<b>1,834,553</b>		<b>3,872,491</b>		<b>651,410</b>	

#### **d) Lumpy Skin Disease**

The total number of households reported lumpy skin disease infection in their cattle was 321,874 (308,468 in Mainland Tanzania and 13,406 in Tanzania Zanzibar), which represents 16.3 percent of the total cattle keeping households during the 2019/20 agricultural year.

A total number of 1,834,553 cattle were reported to be infected with lumpy skin problem; of which 1,804,752 cattle were in Mainland Tanzania and 29,801 in Tanzania Zanzibar. In Mainland Tanzania, Tabora region had the highest proportion of cattle infected with lumpy skin disease (206,389; 11.4 percent), followed by Manyara (184,474; 10.2 percent) and Mara (143,678; 8.0 percent). The lowest proportion of cattle infected was reported in Dar es Salaam region (424 heads; 0.02 percent).

In Tanzania Zanzibar, Kusini Pemba region had the highest number of cattle infected by Lumpy Skin disease (8,949 heads; 30 percent), followed by Kaskazini Pemba (5,652; 19.0 percent) and Kusini Unguja (5,337; 17.9 percent). The lowest proportion of cattle infected was reported in Kaskazini Unguja region (4,785; 16.1 percent) (Table 4.14).

#### **e) Helmenthiosis Disease**

The total number of households reported helmenthiosis disease infections in their cattle was 473,638 (456,343 in Mainland Tanzania and 17,295 in Tanzania Zanzibar), which represents 24.0 percent of the total cattle keeping households during 2019/20 agricultural year.

A total number of 3,872,491 cattle were reported to be infected with helmenthiosis disease, of which 3,813,801 cattle were in Mainland Tanzania and 58,690 in Tanzania Zanzibar. In Mainland Tanzania, Mara region had the highest proportion of cattle infected with helmenthiosis diseases (550,629; 14.4 percent), followed by Tanga (340,980; 8.9 percent) and Arusha (333,918; 8.8 percent). The lowest proportion of cattle infected was reported in Dar es Salaam (847; 0.02 percent).

In Tanzania Zanzibar, Kaskazini Pemba region had the highest number of cattle infected by helmenthiosis disease (22,904; 39.0 percent), followed by Mjini Magharibi (13,428; 22.9 percent) and Kusini Pemba (9,829; 16.7 percent). The lowest proportion of cattle infected was reported in Kaskazini Unguja region (5,308 heads; 0.9 percent) (Table 4.14).

#### **f) Black Quarter Disease**

The total number of households reported black quarter disease infections to their cattle was 52,019 (49,534 in Mainland Tanzania and 2,485 in Tanzania Zanzibar), which represents 2.6 percent of the total cattle keeping households during 2019/20 agricultural year.

A total number of 651,410 cattle were infected with black quarter disease, of which 643,893 heads in Mainland Tanzania and 7,517 heads in Tanzania Zanzibar. In Mainland Tanzania, Pwani region had the highest proportion of cattle infected with black quarter disease (313,786; 48.7 percent), followed by Tabora (83,428; 13.0 percent) and Njombe (35,197; 5.5 percent). The lowest proportion of cattle infected was reported in Katavi region (1,030; 0.2 percent).

In Tanzania Zanzibar, Kaskazini Unguja region had the highest number of cattle infected by black quarter disease (2,958; 39.4 percent), followed by Mjini Magharibi (2,708; 36.0 percent) and Kusini Unguja (1,256; 16.7 percent). The lowest proportion of cattle infected was reported in Kaskazini Pemba region (595; 7.9 percent) (Table 4.14).

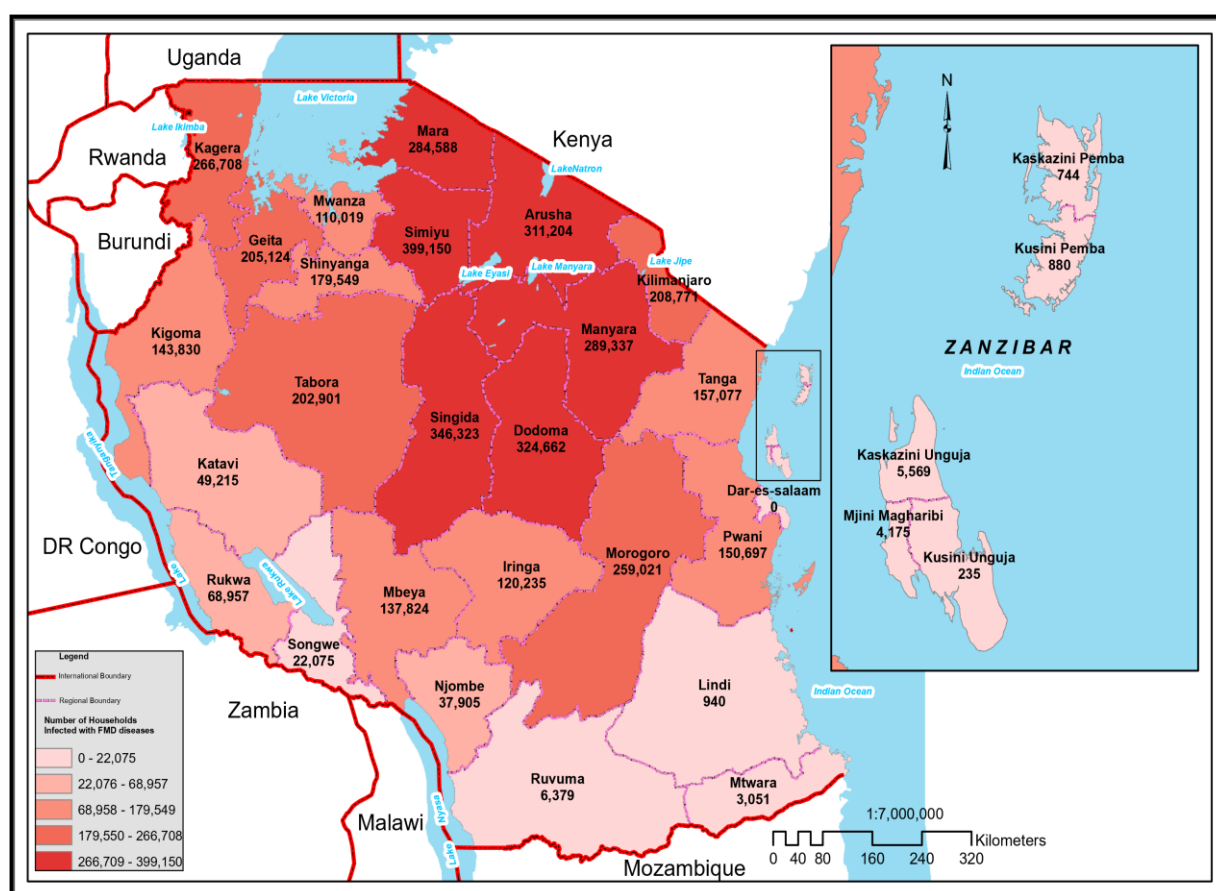
#### **g) Foot Mouth Disease (FMD)**

The total number of households reported FMD infection in their cattle was 389,136 (384,651 in Mainland Tanzania and 4,485 in Tanzania Zanzibar), which represents 19.7 percent of the total cattle keeping households during 2019/20 agricultural year.

A total number of 4,297,145 cattle were reported to be infected with FMD, of which 4,285,542 heads in Mainland Tanzania and 11,603 heads in Tanzania Zanzibar. In Mainland Tanzania, Simiyu region had the highest proportion of cattle infected with FMD problem (399,150; 9.3 percent), followed by Singida (346,323; 8.1 percent) and Dodoma (324,662; 7.6 percent). The lowest proportion of cattle infected was reported in Lindi region (940; 0.02 percent).

In Tanzania Zanzibar, Kaskazini Unguja region had the highest number of cattle infected by FMD problem (5,569; 48.0 percent), followed by Mjini Magharibi (4,175; 36.0 percent) and Kusini Pemba (880; 7.6 percent). The lowest proportion of cattle infected was reported in Kusini Unguja region (235; 2.0 percent) (Map 4.13).

**Map 4.13: Number of Households Reported FMD Infections During 2019/20 Agricultural Year, Tanzania**



## h) Brucellosis Disease

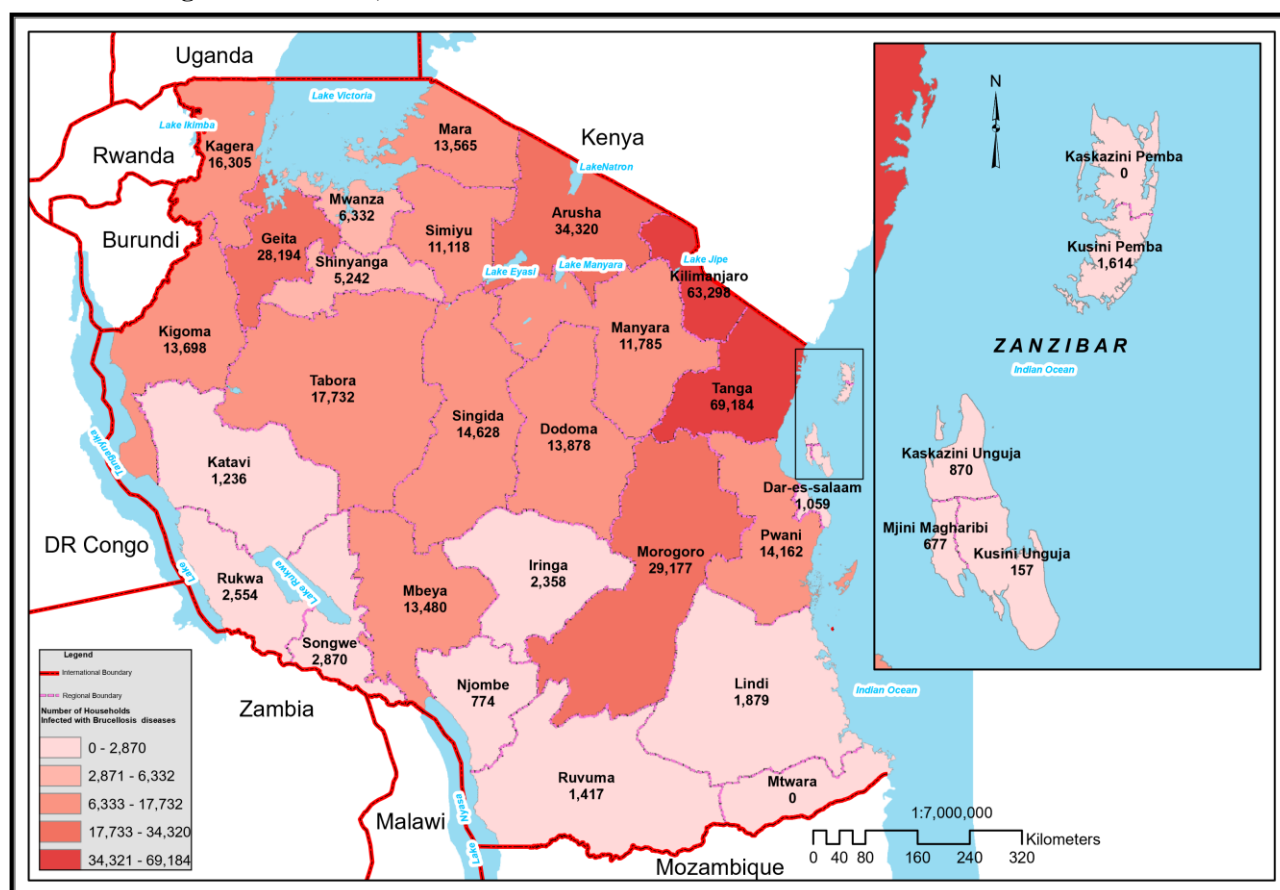
The total number of households reported brucellosis infections in their cattle was 103,080 (100,583 in Mainland Tanzania and 2,497 in Tanzania Zanzibar), which represents 5.2 percent of the total cattle keeping households during the 2019/20 agricultural year.

The report revealed that, a total number of 393,563 cattle were infected with brucellosis disease, of which 390,245 cattle were in Mainland Tanzania and 3,318 in Tanzania Zanzibar. In Mainland Tanzania, Tanga region had the highest proportion of cattle infected with brucellosis disease (69,184 heads; 17.7 percent), followed by Kilimanjaro (63,298; 16.2 percent) and Arusha (34,320; 8.8 percent). The lowest proportion of cattle infected was reported in Njombe region (774; 0.2 percent).

In Tanzania Zanzibar, Kusini Pemba region had the highest number of cattle infected by brucellosis disease (1,614; 48.6 percent), followed by Kaskazini Unguja (870; 26.2 percent)

and Mjini Magharibi (677; 20.4 percent). The lowest proportion of cattle infected was reported in Kusini Unguja region (157; 4.7 percent) (Map 4.14).

**Map 4.14: Number of Households Reported Brucellosis Disease Infections During 2019/20 Agricultural Year, Tanzania**



#### 4.5.1.2 Goat diseases

##### a) Foot Rot Disease

The total number of households reported foot rot disease infections in their goats was 214,118 (213,611 were in Mainland Tanzania and 507 in Tanzania Zanzibar), which represents 11.8 percent of the total goat rearing households during 2019/20 agricultural year. A total number of 2,006,290 goats were reported to be infected with foot rot disease, of which 2,004,896 goats in Mainland Tanzania and 1,394 in Tanzania Zanzibar.

In Mainland Tanzania, Arusha region had the highest number of goats infected with foot rot disease (258,726; 12.9 percent), followed by Dodoma (210,248; 10.5 percent) and Tanga (180,919; 9.0 percent). The lowest number of goats infected was reported in Ruvuma region (4,301; 0.2 percent).

In Tanzania Zanzibar, Kusini Unguja region had the highest number of goats infected with foot rot disease (529; 37.9 percent), followed by Kaskazini Unguja (400; 28.7 percent) and Kaskazini Pemba (330; 23.7 percent). The lowest proportion of goats infected was reported in Mjini Magharibi region (135; 9.7 percent) (Table 4.15).

**Table 4.15: Number of Reported Cases of Goat Disease Occurrences by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease									
	Foot Rot		Helminthiosis		Tetanus		Mange		Black Quarter	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	210,248	10.5	117,657	3.0	11,653	3.9	30,279	4.3	18,853	6.7
Arusha	258,726	12.9	382,450	9.9	16,341	5.5	33,465	4.8	14,316	5.1
Kilimanjaro	171,198	8.5	401,325	10.3	12,687	4.2	40,717	5.8	29,780	10.6
Tanga	180,919	9.0	430,276	11.1	47,219	15.8	102,998	14.7	21,483	7.6
Morogoro	87,400	4.4	117,007	3.0	10,469	3.5	45,183	6.4	34,153	12.1
Pwani	112,878	5.6	147,465	3.8	16,305	5.4	21,418	3.0	33,989	12.1
Dar es Salaam	4,839	0.2	7,253	0.2	-	-	847	0.1	-	-
Lindi	30,367	1.5	68,861	1.8	-	-	-	-	-	-
Mtwara	11,721	0.6	37,265	1.0	-	-	8,961	1.3	4,338	1.5
Ruvuma	4,301	0.2	82,223	2.1	648	0.2	43,821	6.2	5,253	1.9
Iringa	88,844	4.4	58,192	1.5	-	-	5,270	0.8	662	0.2
Mbeya	60,869	3.0	77,731	2.0	6,040	2.0	22,967	3.3	6,040	2.1
Singida	143,828	7.2	60,422	1.6	8,649	2.9	16,597	2.4	-	-
Tabora	47,909	2.4	52,951	1.4	13,781	4.6	31,488	4.5	6,603	2.3
Rukwa	31,154	1.6	46,281	1.2	3,519	1.2	19,056	2.7	3,614	1.3
Kigoma	86,135	4.3	485,819	12.5	-	-	23,401	3.3	17,339	6.2
Shinyanga	62,810	3.1	71,948	1.9	11,479	3.8	43,108	6.1	7,008	2.5
Kagera	52,527	2.6	310,635	8.0	9,050	3.0	64,399	9.2	41,436	14.7
Mwanza	30,868	1.5	251,180	6.5	3,900	1.3	25,475	3.6	14,534	5.2
Mara	59,020	2.9	251,333	6.5	2,004	0.7	20,400	2.9	438	0.2
Manyara	82,883	4.1	182,464	4.7	70,574	23.5	49,321	7.0	4,974	1.8
Njombe	8,191	0.4	11,505	0.3	-	-	4,439	0.6	379	0.1
Katavi	11,243	0.6	12,111	0.3	5,965	2.0	5,930	0.8	3,893	1.4
Simiyu	98,354	4.9	26,618	0.7	26,345	8.8	30,751	4.4	7,325	2.6
Geita	57,601	2.9	168,834	4.4	15,237	5.1	6,886	1.0	2,436	0.9
Songwe	10,063	0.5	18,198	0.5	7,823	2.6	5,305	0.8	2,311	0.8
<b>Mainland Tanzania</b>	<b>2,004,896</b>		<b>3,878,004</b>	100.0	<b>299,688</b>	100.0	<b>702,482</b>	100.0	<b>281,157</b>	100.0
Kaskazini Unguja	400	28.7	673	3.9	-	-	553	23.9	-	-
Kusini Unguja	529	37.9	4,711	27.4	141	100.0	150	6.5	982	47.6
Mjini Magharibi	135	9.7	347	2.0	-	-	-	-	130	6.3
Kaskazini Pemba	330	23.7	5,559	32.4	-	-	1,268	54.9	825	40.0
Kusini Pemba	-	-	5,879	34.2	-	-	339	14.7	127	6.2
<b>Zanzibar</b>	<b>1,394</b>	<b>100</b>	<b>17,169</b>	100.0	<b>141</b>	100.0	<b>2,310</b>	100.0	<b>2,064</b>	100.0
<b>Tanzania</b>	<b>2,006,290</b>		<b>3,895,173</b>		<b>299,829</b>		<b>704,792</b>		<b>283,221</b>	

## **b) Helminthiosis**

The total number of households reported helminthiosis problem in their goats was 421,516 (417,597 in Mainland Tanzania and 3,919 in Tanzania Zanzibar), which represents 23.2 percent of the total goat keeping households during the 2019/20 agricultural year. A total number of 3,895,173 goats were reported to be infected with helminthiosis, of which 3,878,004 heads in Mainland Tanzania and 17,169 heads in Tanzania Zanzibar. In Mainland Tanzania, Kigoma region had the highest number of goats infected with helminthiosis disease (485,819; 12.5 percent), followed by Tanga (430,276; 11.1 percent) and Kilimanjaro (401,325; 10.3 percent). The lowest proportion of goat infections were reported in Dar es Salaam region (7,253; 0.2 percent).

In Tanzania Zanzibar, Kusini Pemba region had the highest number of goats infected with helminthiosis disease (5,879; 34.2 percent), followed by Kaskazini Pemba (5,559; 32.4 percent) and Kusini Unguja (4,711; 27.4 percent). The lowest proportion of goats infected was reported in Mjini Magharibi region (347; 2 percent) (Table 4.15).

## **c) Tetanus Disease**

The total number of households reported tetanus disease infections to their goats was 38,987 (38,883 in Mainland Tanzania and 104 in Tanzania Zanzibar), which represents 2.1 percent of the total goat keeping households during the 2019/20 agricultural year.

A total number of 299,829 goats were reported to be infected with tetanus disease, of which 299,688 goats in Mainland Tanzania and 141 in Tanzania Zanzibar. In Mainland Tanzania, Manyara region had the largest number of goats infected with tetanus disease (70,574; 23.5 percent) followed by Tanga (47,219; 15.8 percent) and Simiyu (26,345; 8.8 percent). The lowest proportion of goat's infections was reported in Ruvuma region (648; 2 percent). In Tanzania Zanzibar, Kusini Unguja region with 141 heads (100 percent) was the only area that had some goats infected by Tetanus problem (Table 4.15).

## **d) Mange Disease**

The total number of households reported mange disease infections to their goats was 111,034 (110,073 in Mainland Tanzania and 961 in Tanzania Zanzibar), which represents 6.1 percent of the total goat keeping households during the 2019/20 agricultural year.



A total number of 704,792 goats were reported to be infected with mange disease, of which 702,482 goats in Mainland Tanzania and 2,310 in Tanzania Zanzibar. In Mainland Tanzania, Tanga region had the highest proportion of goats infected with mange problem (102,998; 14.7 percent), followed by Kagera (64,399; 9.2 percent) and Manyara (49,321; 7.0 percent). The lowest proportion of goats infected was reported in Dar es Salaam region (847; 0.1 percent).

In Tanzania Zanzibar, Kaskazini Pemba region had the highest number of goats infected by mange disease (1,268; 54.9 percent), followed by Kaskazini Unguja (553; 23.9 percent) and Kusini Pemba (339; 14.7 percent). The lowest proportion of goats infected was reported in Kusini Unguja region (150; 6.5 percent) (Table 4.15).

#### **e) Black Quarter Disease**

The total number of households reported Black Quarter infections in their goats was 30,077 (29,670 in Mainland Tanzania and 407 in Tanzania Zanzibar), which represents 1.7 percent of the total goat keeping households during the 2019/20 agricultural year.

A total number of 283,221 goats were reported to be infected with Black Quarter disease, of which 281,157 heads in Mainland Tanzania and 2,064 in Tanzania Zanzibar. In Mainland Tanzania, Kagera region had the largest number of goats infected with Black Quarter disease (41,436; 14.7 percent), followed by Morogoro (34,153; 12.2 percent) and Pwani (33,989; 12.1 percent). The lowest proportion of goats' infections was reported in Njombe region (379; 0.1 percent). In Tanzania Zanzibar, Kusini Unguja region had the largest number of goats infected with Black Quarter disease (982 heads; 47.6 percent), followed by Kaskazini Pemba (825 heads; 40.0 percent) and Mjini Magharibi (130 heads; 6.3 percent). The lowest proportion of goats' infections was reported in Kusini Pemba region (127 heads; 6.2 percent) (Table 4.15).

#### **f) Contagious Caprine Pleuropneumonia (CCPP) Disease**

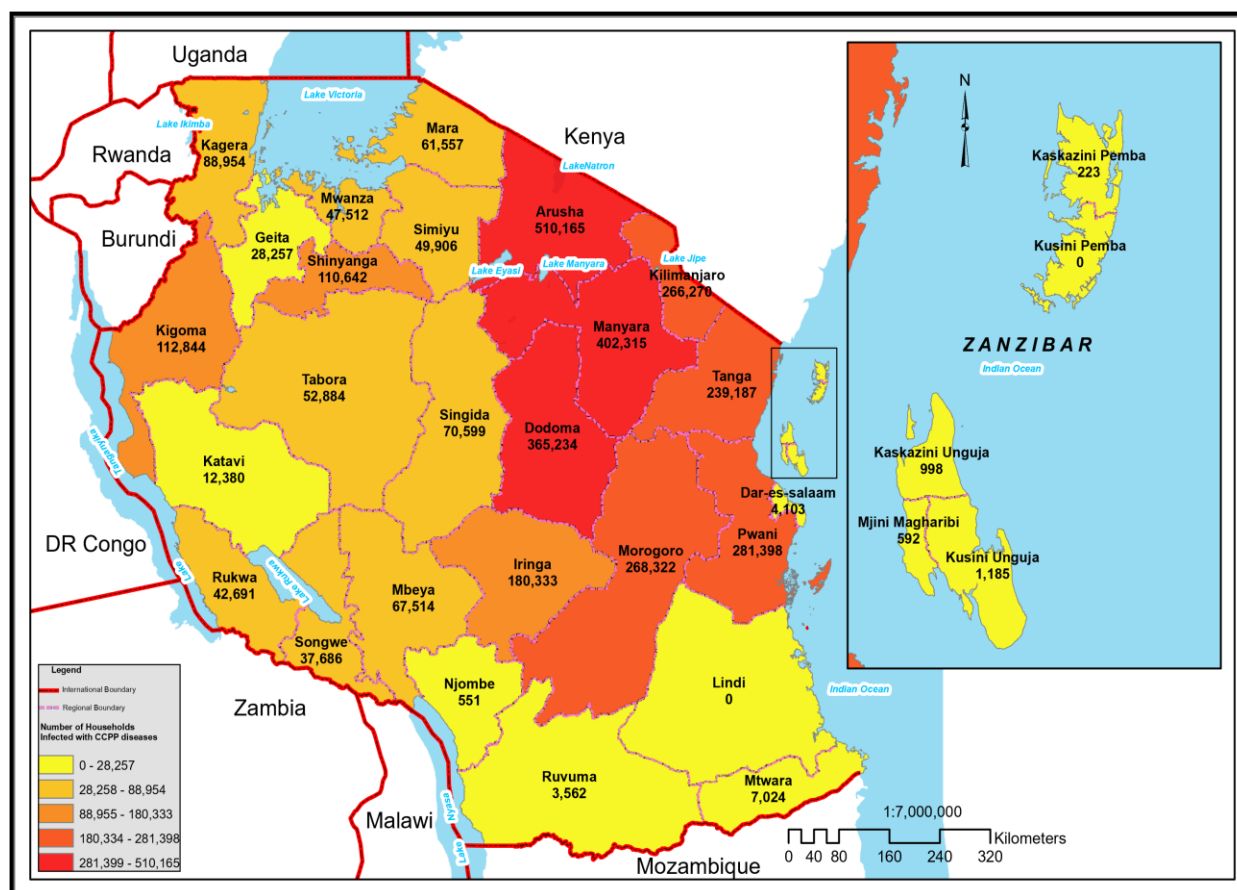
The total number of households reporting infection of CCPP disease to their goats was 274,874 (274,016 in Mainland Tanzania and 858 in Tanzania Zanzibar), which represents 15.1 percent of the total goat keeping households during the 2019/20 agricultural year.



A total number of 3,314,888 goats were reported to be infected with CCPP disease, of which 3,311,890 goats in Mainland Tanzania and 2,998 in Tanzania Zanzibar. In Mainland Tanzania, Arusha region had the highest proportion of goats infected with CCPP disease (510,165; 15.4 percent), followed by Manyara (402,315; 12.1 percent) and Dodoma (365,234; 11.0 percent). The lowest proportion of goats infected was reported in Njombe region (551; 0.02 percent).

In Tanzania Zanzibar, Kusini Unguja region had the highest number of goats infected with CCPP disease (1,185; 39.5 percent), followed by Kaskazini Unguja (998; 33.3 percent) and Mjini Magharibi (592; 19.7 percent). The lowest proportion of goats infected was reported in Kaskazini Pemba region (223; 7.4 percent) (Map 4.15).

**Map 4.15: Number of Households Reported CCPP Disease Infections During 2019/20 Agricultural Year, Tanzania**



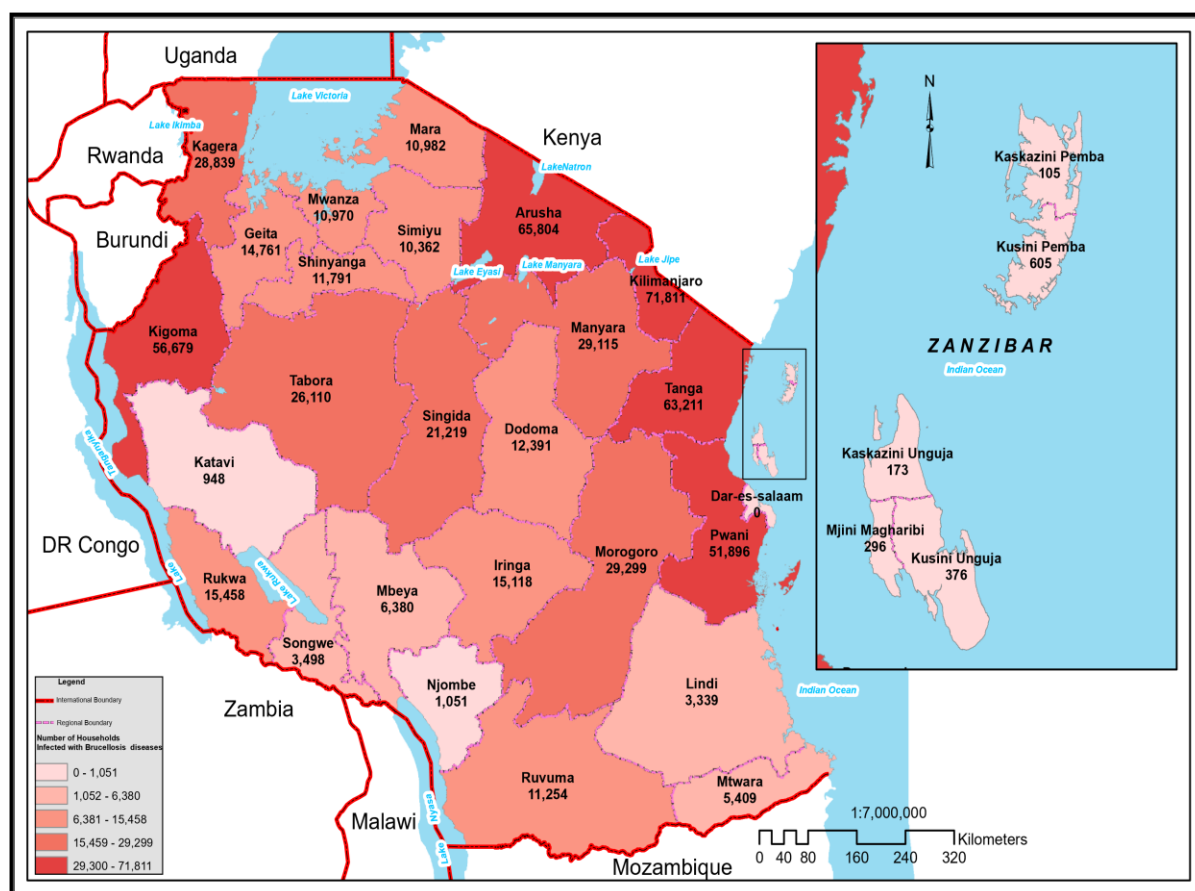
### **g) Brucellosis Disease**

The total number of households reported Brucellosis disease infections to their goats was 134,999 (133,989 in Mainland Tanzania and 1,010 in Tanzania Zanzibar), which represents 7.4 percent of the total goat keeping households during the 2019/20 agricultural year.

A total number of 579,250 goats were reported to be affected with brucellosis problem, of which 577,695 goats in Mainland Tanzania and 1,555 in Tanzania Zanzibar. In Mainland Tanzania, Kilimanjaro region had the highest proportion of goats infected with brucellosis disease (71,811; 12.4 percent), followed by Arusha (65,804; 11.4 percent) and Tanga (63,211; 10.9 percent). The lowest proportion of goats' infections was reported in Katavi region (948; 0.2 percent).

In Tanzania Zanzibar, Kusini Pemba region had the largest number of goats infected with brucellosis disease (605; 38.9 percent), followed by Kusini Unguja (376; 24.2 percent) and Mjini Magharibi (296; 19.0 percent). The lowest proportion of goats infected was reported in Kaskazini Pemba region (105; 6.8 percent) (Map 4.16).

**Map 4.16: Number of Households Reported Brucellosis Disease Infections During 2019/20 Agricultural Year, Tanzania**

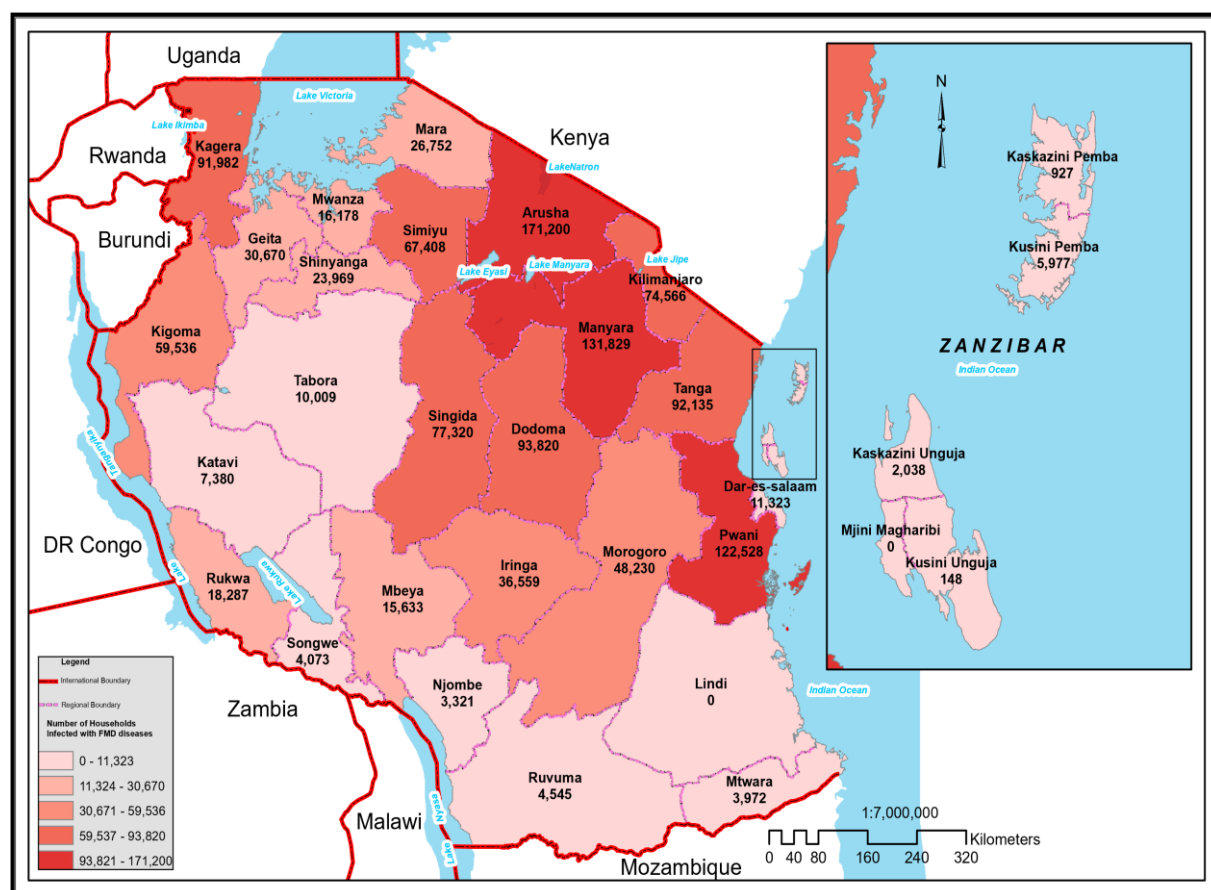


## h) Foot and Mouth Disease (FMD)

The total number of households reported FMD infections in their goats was 132,315 (129,562 in Mainland Tanzania and 2,753 in Tanzania Zanzibar), which represents 7.3 percent of the total goat keeping households during the 2019/20 agricultural year. A total number of 1,252,315 goats were reported to be infected with FMD disease, of which 1,243,225 heads in Mainland Tanzania and 9,090 heads in Tanzania Zanzibar.

In Mainland Tanzania, Arusha region had the largest number of goats infected with FMD disease (171,200; 13.8 percent), followed by Manyara (131,829; 10.6 percent) and Pwani (122,528; 9.9 percent). The lowest proportion of goats' infections was reported in Njombe region (3,321; 0.3 percent). In Tanzania Zanzibar, Kusini Pemba region had the largest number of goats infected by FMD disease (5,977; 65.8 percent), followed by Kaskazini Unguja (2,038; 22.4 percent) and Kaskazini Pemba (927; 10.2 percent). The lowest proportion of goats' infections was reported in Kusini Unguja region (148; 1.6 percent) (Map 4.17).

**Map 4.17: Number of Households Reported FMD Infections During 2019/20 Agricultural Year, Tanzania**



### 4.5.1.3 Sheep Diseases

#### a) Foot Rot Disease

The total number of households reported to encounter foot rot disease in their sheep was 65,942 (65,942 in Mainland Tanzania, while there was no such disease in Tanzania Zanzibar), which represents 9.7 percent of the total sheep keeping households during 2019/20 agricultural year.

A total number of 661,653 sheep were reported to be infected with foot rot disease in Mainland Tanzania. Arusha region had the largest number of sheep infected with foot rot disease (173,133; 26.2 percent), followed by Kilimanjaro (76,916; 11.6 percent) and Pwani (75,956; 11.5 percent). The lowest proportion of sheep infections was reported in Rukwa region (2,020; 0.3 percent) (Table 4.16).

**Table 4.16: Number of Reported Cases of Sheep Diseases Occurrences by Type and Region During 2019/20 Agricultural Year, Mainland Tanzania**

Region	Foot Rot		Helminthiosis		Trypanosomiasis		Black Quarter	
	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent
Dodoma	19,746	3.0	16,339	1.3	-	-	220	0.3
Arusha	173,133	26.2	408,558	32.3	113,481	71.6	1,496	2.1
Kilimanjaro	76,916	11.6	113,849	9.0	10,170	6.4	4,924	6.8
Tanga	42,489	6.4	98,236	7.8	7,031	4.4	-	-
Morogoro	45,703	6.9	36,635	2.9	-	-	971	1.3
Pwani	75,956	11.5	84,190	6.6	3,728	2.4	20,006	27.8
Dar es Salaam	-	-	1,593	0.1	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	2,976	4.1
Ruvuma	-	-	989	0.1	-	-	-	-
Iringa	-	-	4,633	0.4	-	-	1,324	1.8
Mbeya	46,881	7.1	9,861	0.8	-	-	7,766	10.8
Singida	17,942	2.7	24,315	1.9	-	-	10,537	14.6
Tabora	3,577	0.5	8,283	0.7	2,225	1.4	3,448	4.8
Rukwa	2,020	0.3	12,471	1.0	1,949	1.2	-	-
Kigoma	2,810	0.4	48,654	3.8	6,229	3.9	-	-
Shinyanga	15,502	2.3	14,565	1.2	-	-	619	0.9
Kagera	3,155	0.5	19,109	1.5	821	0.5	-	-
Mwanza	22,670	3.4	79,970	6.3	-	-	-	-
Mara	16,430	2.5	154,367	12.2	4,764	3.0	13,565	18.8
Manyara	43,373	6.6	82,602	6.5	985	0.6	232	0.3
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	47,811	7.2	20,462	1.6	1,569	1.0	3,931	5.5
Geita	5,539	0.8	26,337	2.1	-	-	-	-
Songwe	-	-	-	-	5,596	3.5	-	-
<b>Mainland Tanzania</b>	<b>661,653</b>	<b>100</b>	<b>1,266,018</b>	<b>100</b>	<b>158,548</b>	<b>100</b>	<b>72,015</b>	<b>100</b>

## b) Helminthiosis Disease

The total number of households reported problem of helminthiosis disease to their sheep was 123,203 which, represents 18.2 percent of the total sheep keeping households during 2019/20 agricultural year. On the other hand, none of the infections were reported in Tanzania Zanzibar,

A total number of 1,266,018 sheep were reported to be infected with helminthiosis disease in Mainland Tanzania. Arusha region had the largest number of sheep infected with helminthiosis disease (408,558; 32.3 percent), followed by Mara (154,367; 12.2 percent) and Kilimanjaro (113,849; 9.0 percent). The lowest proportion of sheep infections was reported in Ruvuma region (989; 0.1 percent) (Table 4.16).

**c) Trypanosomiasis Disease**

During the agricultural year 2019/20, the total number of households reported trypanosomiasis disease infections in their sheep was 18,417 in Mainland Tanzania, which represents 2.7 percent of the total sheep keeping households and Tanzania Zanzibar reported no disease infections.

A total number of 158,548 sheep were reported to be infected with trypanosomiasis disease in Mainland Tanzania. Arusha region had the largest number of sheep infected with trypanosomiasis disease (113,481; 71.6 percent), followed by Kilimanjaro (10,170; 6.4 percent) and Tanga (7,031; 4.4 percent). The lowest proportion of sheep infections was reported in Kagera region (821; 0.5 percent) (Table 4.16).

**d) Black Quarter Disease**

The total number of households reported Black Quarter disease infections in their sheep was 5,868 (5,868 in Mainland Tanzania, which represents 0.9 percent of the total sheep keeping households during 2019/20 agricultural year), and there was no infection reported in Tanzania Zanzibar,

A total number of 72,015 sheep were reported to be infected with Black Quarter disease in Mainland Tanzania. Pwani region had the largest number of sheep infected with Black Quarter problem (20,006; 27.8 percent), followed by Mara (13,565; 18.8 percent) and Singida (10,537; 14.6 percent). The lowest proportion of sheep infections was reported in Dodoma region (220; 0.3 percent) (Table 4.16).

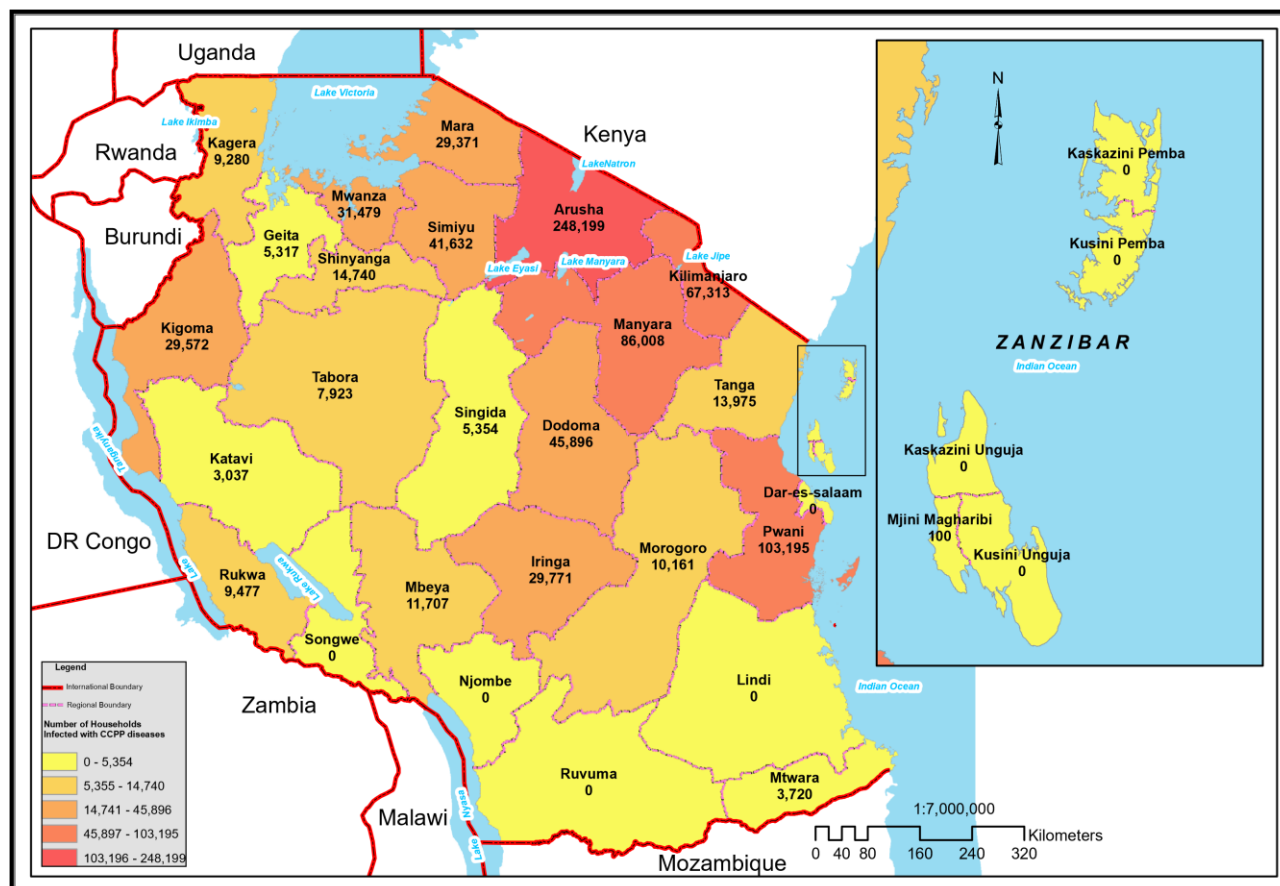
**e) CCPP Disease**

The total number of households reported CCPP disease infections in their sheep was 81,172 (81,122 in Mainland Tanzania and 50 in Tanzania Zanzibar), which represents 12.0 percent of the total sheep keeping households during the 2019/20 agricultural year.

A total number of 807,227 sheep were reported to be infected with CCPP disease of which 807,127 heads were in Mainland Tanzania and 100 heads in Tanzania Zanzibar. In Mainland Tanzania, Arusha region had the largest number of sheep infected with CCPP disease (248,199; 30.8 percent), followed by Pwani (103,195; 12.8 percent) and Manyara (86,008; 10.7 percent). The lowest proportion of sheep infections was

reported in Katavi region (3,037; 0.4 percent). In Tanzania Zanzibar, Mjini Magharibi is the only region reported sheep with CCPP disease infections (100 heads) (Map 4.18).

**Map 4.18: Number of Households Reported CCPP Disease Infections During 2019/20 Agricultural Year, Tanzania**



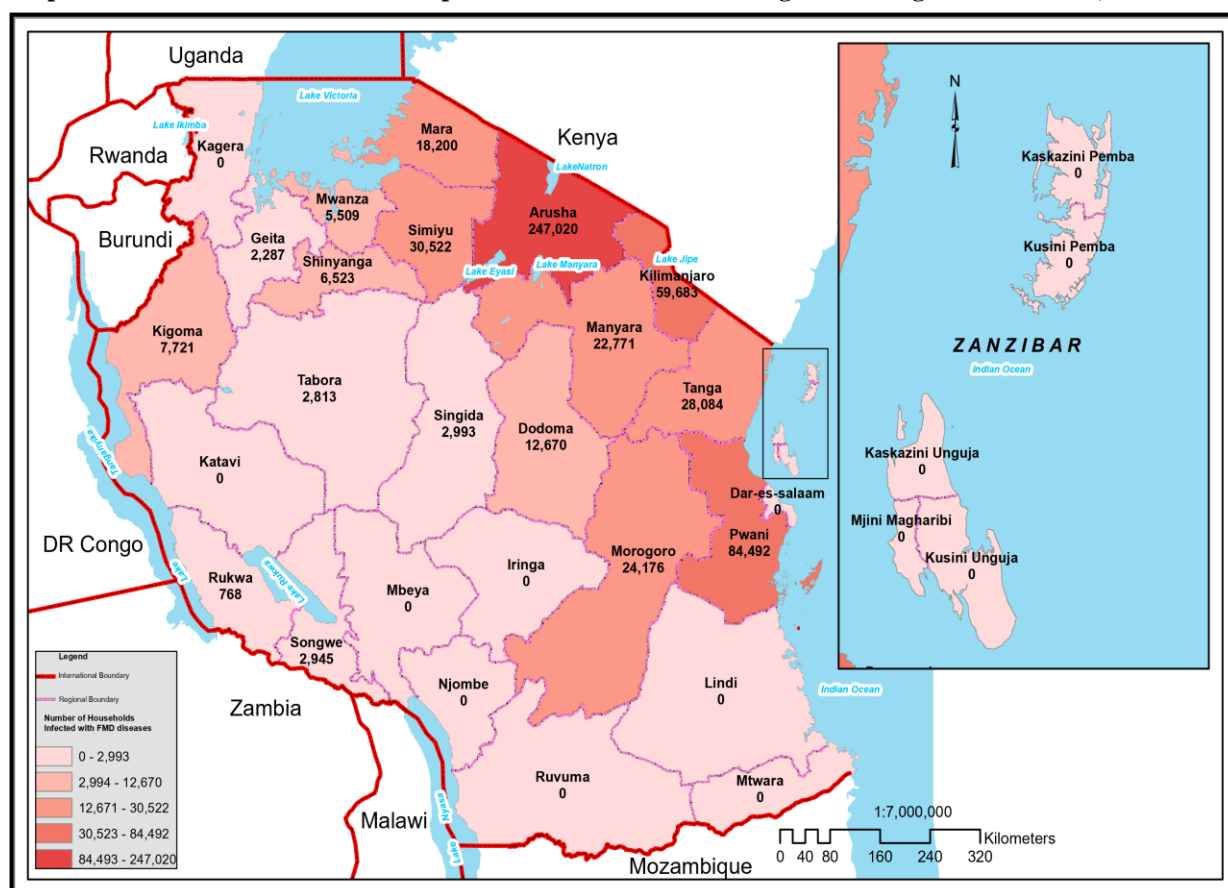
#### f) Foot and Mouth Disease (FMD)

The total number of households reported FMD infections in their sheep was 39,168 (39,168 in Mainland Tanzania, which represents 5.8 percent of the total sheep keeping households during 2019/20 agricultural year, and there was no household reported FMD infection in Tanzania Zanzibar).

A total number of 559,177 sheep were reported to have been infected with FMD disease in Mainland Tanzania. Arusha region had the largest number of sheep infected with FMD disease (247,020; 44.2 percent), followed by Pwani (84,492; 15.1 percent) and Kilimanjaro (59,683; 10.7 percent). The lowest proportion of sheep infections was reported in Rukwa region (768; 0.1 percent) (Map 4.19).



**Map 4.19: Number of Households Reported FMD Infections During 2019/20 Agricultural Year, Tanzania**



### g) Brucellosis Disease

The total number of households reporting brucellosis disease infections in their sheep was 34,705 (34,705 in Mainland Tanzania, which represents 5.1 percent of the total sheep keeping households during the 2019/20 agricultural year), and there was no reported infection in Tanzania Zanzibar.

A total number of 176,612 sheep were reported to be infected with brucellosis disease in Mainland Tanzania. Kilimanjaro region had the largest number of sheep infected with brucellosis disease (53,648; 30.4 percent), followed by Arusha (34,246; 19.4 percent) and Pwani (25,085; 14.2 percent). The lowest proportion of sheep infections was reported in Songwe region (243; 0.1 percent) (Map 4.20).





**Table 4.17: Number of Reported Cases of Pig Diseases Occurrences by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Pig Diseases									
	ASF		Anaemia		Brucellosis		Mange		FMD	
	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent	Number Infected	Percent
Dodoma	4,554	2.3	-	-	885	8.1	8,334	3.0	-	-
Arusha	-	-	-	-	-	-	521	0.2	351	2.9
Kilimanjaro	-	-	-	-	208	1.9	18,926	6.9	-	-
Tanga	-	-	-	-	-	-	924	0.3	-	-
Morogoro	31,309	15.8	1,637	26.9	1,913	17.4	57,125	20.7	-	-
Pwani	4,958	2.5	-	-	-	-	5,657	2.1	620	5.1
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	5,219	1.9	1,041	8.6
Mtwara	-	-	-	-	631	5.8	-	-	-	-
Ruvuma	4,766	2.4	-	-	669	6.1	56,253	20.4	385	3.2
Iringa	14,542	7.4	-	-	931	8.5	13,661	5.0	2,837	23.4
Mbeya	63,501	32.1	1,647	27.0	419	3.8	19,291	7.0	3,284	27.1
Singida	-	-	-	-	-	-	2,224	0.8	547	4.5
Tabora	2,289	1.2	539	8.8	180	1.6	-	-	599	4.9
Rukwa	-	-	-	-	639	5.8	9,521	3.5	-	-
Kigoma	-	-	-	-	-	-	9,633	3.5	2,138	17.6
Shinyanga	8,336	4.2	-	-	-	-	1,570	0.6	-	-
Kagera	18,746	9.5	1,074	17.6	2,164	19.7	22,313	8.1	-	-
Mwanza	-	-	-	-	1,010	9.2	5,924	2.2	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	4,401	2.2	-	-	-	-	16,807	6.1	-	-
Njombe	1,702	0.9	-	-	-	-	9,391	3.4	323	2.7
Katavi	-	-	-	-	226	2.1	-	-	-	-
Simiyu	-	-	-	-	1,096	10.0	-	-	-	-
Geita	6,358	3.2	-	-	-	-	4,624	1.7	-	-
Songwe	32,374	16.4	1,198	19.7	-	-	7,487	2.7	-	-
<b>Mainland Tanzania</b>	<b>197,836</b>	<b>100.0</b>	<b>6,095</b>	<b>100.0</b>	<b>10,971</b>	<b>100.0</b>	<b>275,405</b>	<b>100.0</b>	<b>12,125</b>	<b>100.0</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	5,114	100	-	-	77	100	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>5,114</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>77</b>	<b>100.0</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>197,836</b>	<b>-</b>	<b>11,209</b>	<b>-</b>	<b>10,971</b>	<b>-</b>	<b>275,482</b>	<b>-</b>	<b>12,125</b>	<b>-</b>

## b) Anaemia

The total number of households reported anaemia infections to their pigs was 1,545 (1,488 in Mainland Tanzania and 57 in Tanzania Zanzibar), which represents 0.3 percent of the total pig keeping households during 2019/20 agricultural year.

A total number of 11,209 pigs were reported to encounter anaemia, of which 6,095 pigs were in Mainland Tanzania and 5,114 in Tanzania Zanzibar. In Mainland Tanzania, Mbeya region had the largest number of pigs reported anaemic condition (1,647; 27.0 percent), followed by Morogoro (1,637; 26.9 percent) and Songwe (1,198; 19.7 percent). The lowest proportion of pigs showing anaemia was reported in Tabora

region (539; 8.8 percent). In Tanzania Zanzibar, Kusini Unguja region was the only region reported anaemia condition in about 5,114 pigs (100 percent) (Table 4.17).

### **c) Brucellosis**

The total number of households reported infection of brucellosis disease in their pigs was 6,038 in Mainland Tanzania, which represents 1.1 percent of the total pig keeping households during 2019/20 agricultural year, and nothing was reported in Tanzania Zanzibar.

A total number of 10,971 pigs were reported to be infected with brucellosis disease in Mainland Tanzania. Kagera region had the largest number of pigs infected with brucellosis disease (2,164; 19.7 percent), followed by Morogoro (1,913; 17.4 percent) and Simiyu (1,096; 10.0 percent). The lowest proportion of pig infections was reported in Tabora region (180; 1.6 percent) (Table 4.17).

### **d) Mange**

The total number of households reported infection with mange disease in their pigs was 54,103 (54,046 in Mainland Tanzania and 57 in Tanzania Zanzibar), which represents 10.1 percent of the total pig keeping households during 2019/20 agricultural year.

A total number of 275,482 pigs were reported to be infected with mange disease, of which 275,405 pigs in Mainland Tanzania and 77 in Tanzania Zanzibar. In Mainland Tanzania, Morogoro region had the largest number of pigs infected with mange disease (57,125; 20.7 percent), followed by Ruvuma (56,253; 20.4 percent) and Kagera (22,313; 8.1 percent). The lowest proportion of pigs' infections was reported in Arusha region (521; 0.2 percent). In Tanzania Zanzibar, Kusini Unguja region with 77 heads (100.0 percent) was the only region infected by mange disease (Table 4.17).

#### **e) Foot and Mouth Disease (FMD)**

The total number of households reported infection with Foot and Mouth Disease (FMD) in their pigs was 5,078 in Mainland Tanzania, which represents 0.9 percent of the total pig rearing households during 2019/20 agricultural year, and there was no infection reported in Tanzania Zanzibar.

Furthermore, a total of 12,125 pigs were reported to be infected with FMD. Mbeya region had the largest number of pigs infected with FMD (3,284; 27.0 percent), followed by Iringa (2,837; 23.4 percent) and Kigoma (2,138; 17.6 percent). The lowest proportion of pigs' infections was reported in Njombe region (323; 2.7 percent) (Table 4.17).

#### **f) Helminthiosis**

The total number of households reported helminthiosis infections in their pigs was 133,022 (132,965 in the Mainland Tanzania and 57 in Tanzania Zanzibar) which represents 24.8 percent of the total pig keeping households during 2019/20 agricultural year.

A total number of 808,803 pigs were reported to be infected with helminthiosis, of which 808,183 heads in Mainland Tanzania and 620 heads in Tanzania Zanzibar. In Mainland Tanzania, Ruvuma region had the largest number of pigs infected with helminthiosis (102,971; 12.7 percent), followed by Kigoma (99,848; 12.4 percent) and Morogoro (92,941; 11.5 percent). The lowest proportion of pig infections was reported in Dar es Salaam region (1,139; 0.1percent). In Tanzania Zanzibar, Kusini Unguja region with 620 heads (100.0 percent) was the only region infected by helminthiosis (Map 4.21).

**Tanzania: Distribution of Helminthosis Diseases by Region**

Region	Number of Households Infected with Helminthosis Diseases
Kagera	26,693
Mara	0
Arusha	1,502
Mwanza	69,578
Simiyu	15,863
Shinyanga	6,730
Geita	43,688
Kilimanjaro	52,353
Manyara	30,964
Tanga	5,515
Singida	2,284
Dodoma	13,050
Morogoro	92,941
Pwani	39,408
Dar-es-salaam	1,139
Iringa	30,298
Mbeya	67,901
Njombe	20,361
Ruvuma	102,971
Mtwara	7,962
Lindi	17,706
Songwe	7,154
Rukwa	25,800
Katavi	19,968
Tabora	6,506
Kigoma	99,848
Burundi	0
Rwanda	0
Uganda	0
DR Congo	0
Zambia	0
Malawi	0
Mozambique	0
Kaskazini Pemba	0
Kusini Pemba	0
Kaskazini Unguja	0
Mjini Magharibi	0
Kusini Unguja	620

The census results show that, in Tanzania Newcastle Disease (NCD) was highly reported by poultry keeping households (1,918,622; 42.1 percent), followed by fowl pox (560,008; 12.3 percent) and coryza (429,622; 9.4 percent). Fowl typhoid had least number of households (89,195; 2.0 percent) reported to affect poultry. Similarly, the number of poultry infected by Newcastle Disease was highest (48,195,341), followed by fowl pox (13,897,171) and coryza (9,388,535), while fowl typhoid (2,136,031) had the least number of poultry infected.

National Sample Census of Agriculture 2019/20

disease with large number (13,823,946 birds) of poultry infected, followed by coryza (9,041,801 birds), while fowl typhoid (2,104,320) had the least number of poultry infected.

In Tanzania Zanzibar, Newcastle Disease was mostly reported by households (60,312; 58.3 percent) to affect poultry during 2019/20 agriculture year, followed by coryza (18,088; 17.5 percent) and fowl pox (8,500; 8.2 percent). Coccidiosis (430; 0.4 percent) had the least number of households reported to affect poultry, followed by fowl pox (8,500; 8.2 percent). Similarly, the number of poultry infected by Newcastle Disease was higher (1,122,208) compared to other diseases. Coryza was the second disease with large number (346,734 birds) of poultry infected, followed by fowl pox (73,255), while coccidiosis (5,211) had the least number of poultry infected (Table 4.18).

**Table 4.18: Number of Households Reported Occurrence of Diseases and Number of Poultry Infected by Type of Disease During 2019/20 Agricultural Year, Tanzania**

Disease Type	Tanzania			Mainland Tanzania			Tanzania Zanzibar		
	Household Reported Occurrence of Disease	Percent	Number of Poultry Infected	Household Reported Occurrence of Disease	Percent	Number of Poultry Infected	Household Reported Occurrence of Disease	Percent	Number of Poultry Infected
Newcastle Disease	1,918,622	42.1	48,195,341	1,858,311	41.8	47,073,133	60,312	58.3	1,122,208
Gumboro	101,811	2.2	2,290,024	100,416	2.3	2,277,828	1,394	1.3	12,196
Coccidiosis	152,236	3.3	3,379,982	151,806	3.4	3,374,771	430	0.4	5,211
Coryza	429,622	9.4	9,388,535	411,533	9.2	9,041,801	18,088	17.5	346,734
Fowl pox	560,008	12.3	13,897,171	551,508	12.4	13,823,946	8,500	8.2	73,225
Fowl Typhoid	89,195	2.0	2,136,031	86,758	1.9	2,104,320	2,439	2.4	31,709
<b>Total Poultry Keeping Households</b>	<b>4,552,945</b>			<b>4,449,563</b>			<b>103,382</b>		

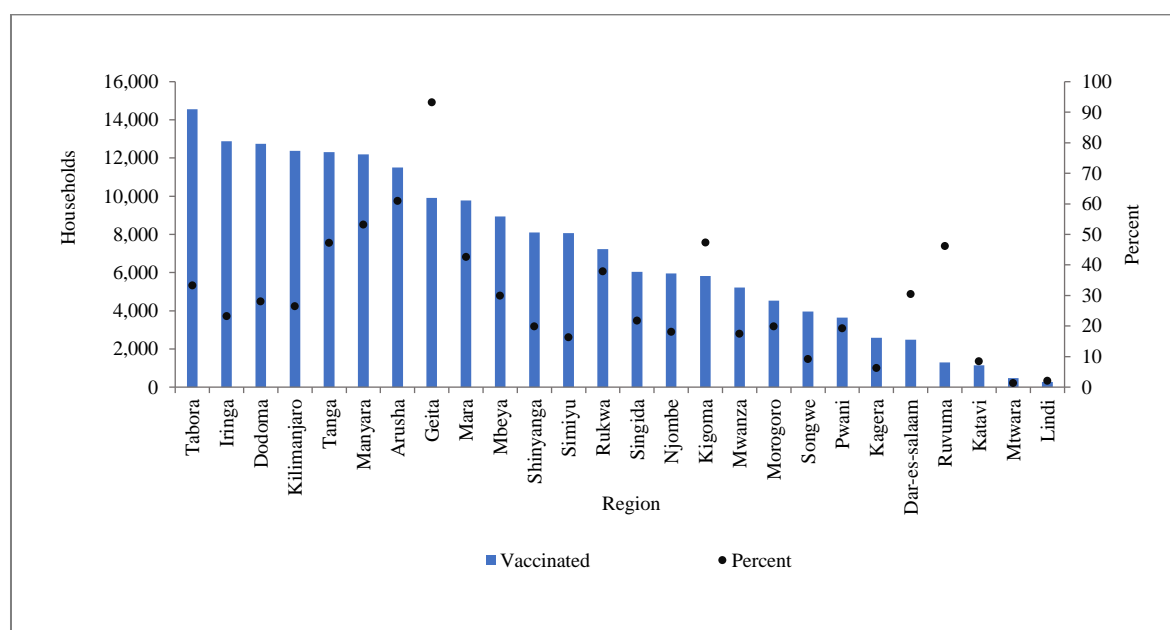
## 4.5.2 Livestock Vaccination

### 4.5.2.1 Vaccine Against Various Livestock Diseases

#### a) Foot and Mouth Disease (FMD)

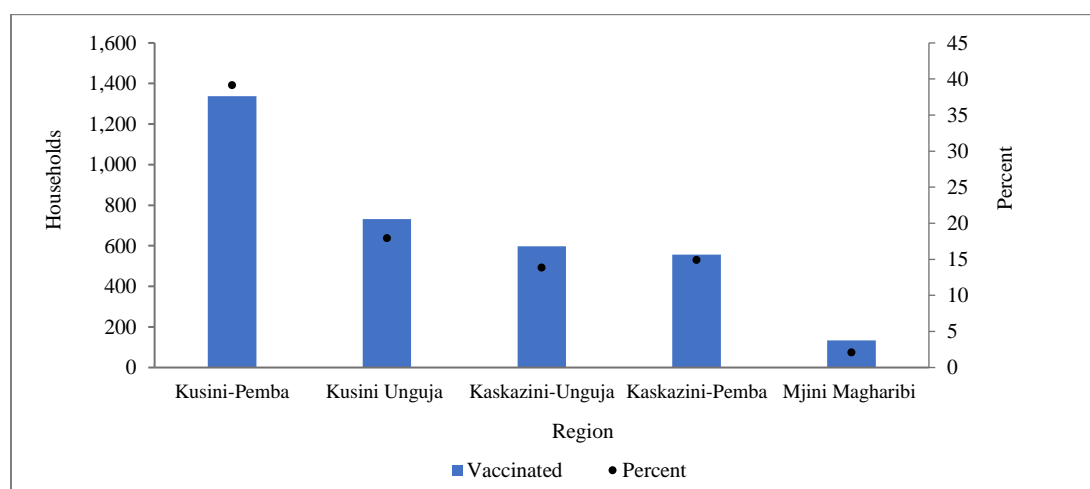
The census results show that, 187,365 livestock rearing households reported to receive vaccination on Foot and Mouth Disease (FMD), of which 184,008 households were in Mainland Tanzania and 3,357 in Tanzania Zanzibar. In Mainland Tanzania, the region with the largest proportion of livestock rearing households that vaccinated their livestock against FMD was Tabora (14,559; 33.2 percent), followed by Iringa (12,876; 23.1 percent) and Dodoma (12,753; 28.0 percent). Region with the least number of households that vaccinated their animals against FMD was Lindi (266; 2.0 percent) (Figure 4.41).

**Figure 4.41: Number and Percent of Households Reported to Vaccinate Livestock Against FMD by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the region with the largest number of livestock rearing households, that vaccinated their livestock against FMD, was Kusini Pemba (1,338; 39.1 percent), followed by Kusini Unguja (731; 17.9 percent) and Kaskazini Unguja (598; 13.8 percent). The region with the least proportion was Mjini Magharibi (133; 2.1 percent) (Figure 4.42).

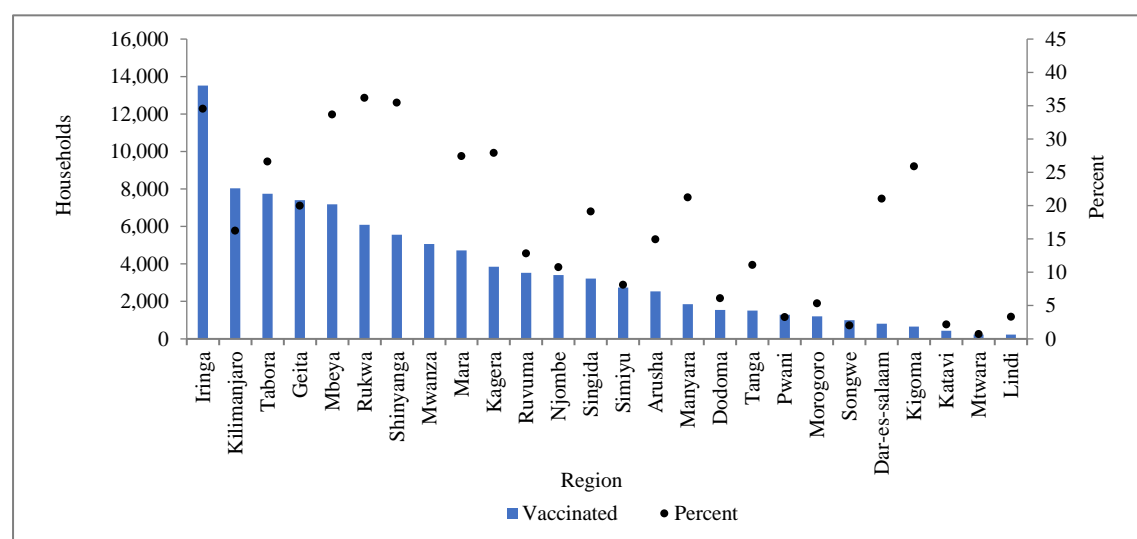
**Figure 4.42: Number and Percent of Households Reported to Vaccinate Livestock Against FMD by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



## b) Rabies

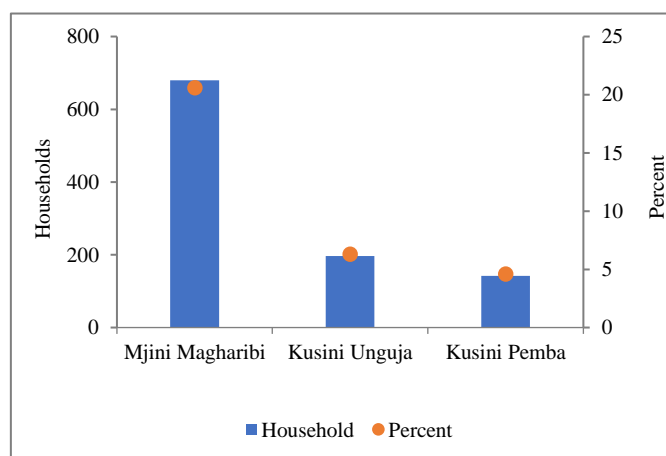
The census results show that, 96,356 livestock rearing households vaccinated their animals against rabies, of which 95,337 were in Mainland Tanzania and 1,019 in Tanzania Zanzibar. In Mainland Tanzania, the region with the largest proportion of livestock rearing households that vaccinated their livestock against Rabies was Iringa (13,512; 34.5 percent); followed by Kilimanjaro (8,035; 16.2 percent) and Tabora (7,744; 26.6 percent). The region with the least number of households which vaccinated their animals against Rabies was Lindi (225; 3.3 percent) (Figure 4.43).

**Figure 4.43: Number and Percent of Households Reported to Vaccinate Livestock Against Rabies by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the vaccination was reported in three regions only. The region with the largest number of livestock rearing households which vaccinated their livestock against rabies, was Mjini Magharibi (680; 20.6 percent), followed by Kusini Unguja (197; 6.3 percent). The region with the least proportion was Kusini Pemba (142; 4.6 percent) (Figure 4.44).

**Figure 4.44: Number and Percent of Households Reported to Vaccinate Livestock Against Rabies by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**





### c) Black Quarter

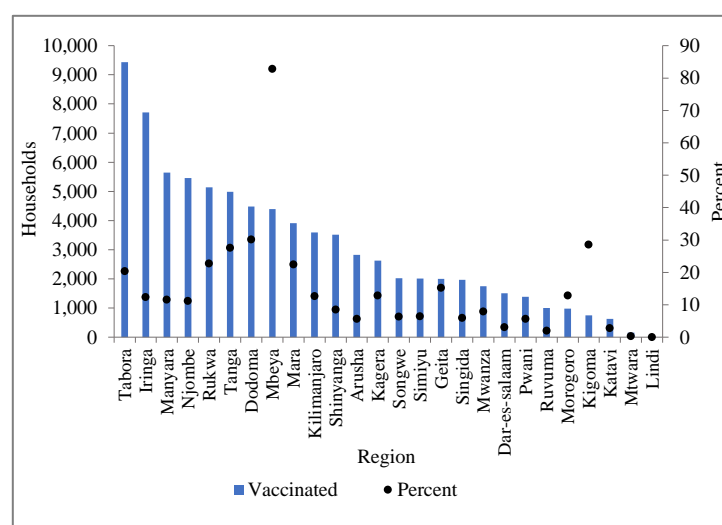
Black quarter vaccination was applied in cattle, goats, sheep, and pigs during 2019/20 agricultural year. The census results show that, 82,029 livestock rearing households reported applying vaccination on Black Quarter disease, of which 79,860 were in Mainland Tanzania and 2,169 in Tanzania Zanzibar.

In Mainland Tanzania, the region with the largest number of livestock rearing

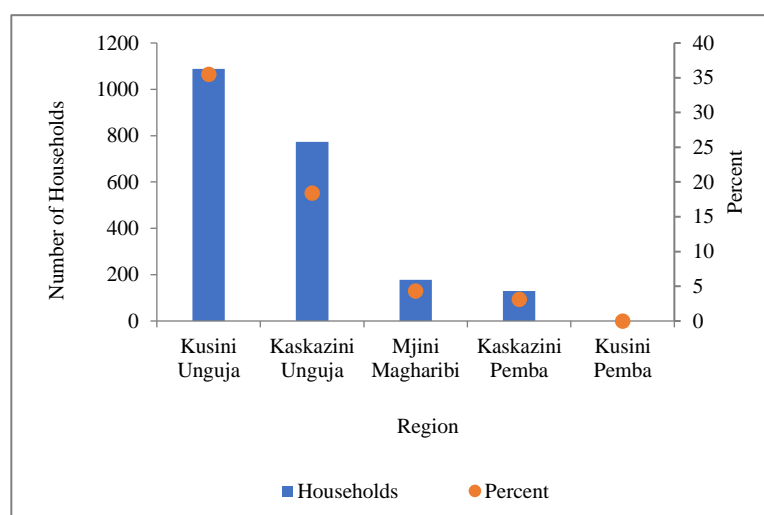
households that vaccinated their livestock against Black Quarter was Tabora (9,433; 20.4 percent), followed by Iringa (7,707; 12.4 percent) and Manyara (5,643; 11.5 percent). The region with the least proportion of households that vaccinated their animals against Black Quarter was Mtwara (153; 0.3 percent) (Figure 4.45).

In Tanzania Zanzibar, the region with the largest number of livestock rearing households, which vaccinated their livestock against Black Quarter Disease, was Kusini Unguja (1,088; 35.5 percent), followed by Kaskazini Unguja (773; 18.4 percent) and Mjini Magharibi (178; 4.3 percent), whereas the region with the least number of households was Kaskazini Pemba (130; 6 percent) (Figure 4.46).

**Figure 4.45: Number and Percent of Households Reported to Vaccinate Livestock Against Black Quarter by Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 4.46: Number and Percent of Households Reported to Vaccinate Livestock Against Black Quarter by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



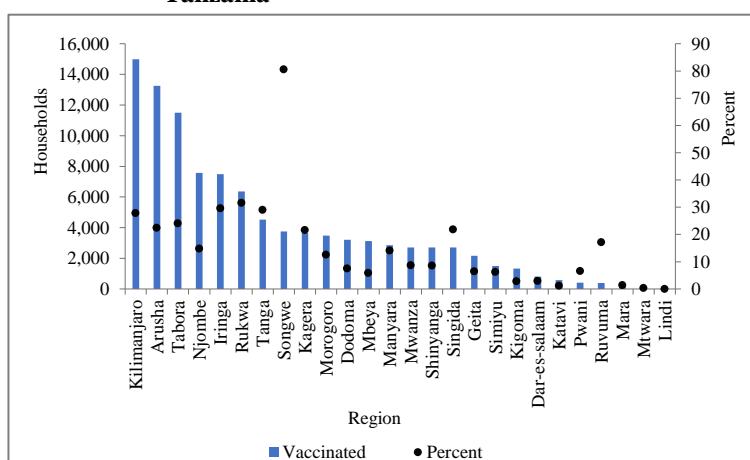
#### d) Anthrax

The census results show that, 102,589 livestock rearing households reported vaccinating their animals against Anthrax disease, of which 101,519 were in Mainland Tanzania and 1,070 in Tanzania Zanzibar.

In Mainland Tanzania, the region with the largest number of livestock rearing households which vaccinated their livestock against anthrax was

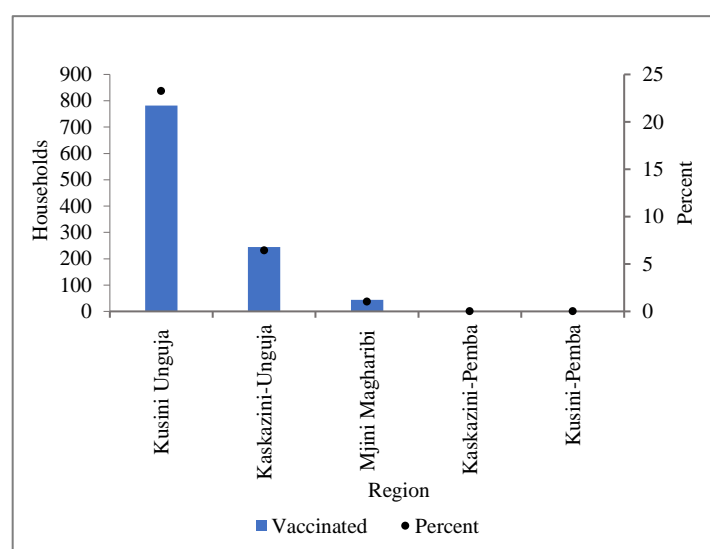
Kilimanjaro (14,987; 27.8 percent), followed by Arusha (13,249; 22.4 percent) and Tabora (11,502; 24.0 percent). Region with the least number of households that vaccinated their animals against anthrax was Mtwara (153; 0.2 percent) (Figure 4.47).

**Figure 4.47: Number and Percent of Households Reported to Vaccinate Livestock Against Anthrax by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the vaccination was applied in three regions only. However, the region with the largest number of livestock rearing households vaccinated their livestock against anthrax was Kusini Unguja (782; 73.1 percent), followed by Kaskazini Unguja (244; 22.8 percent) and Mjini Magharibi (44; 4.1 percent) (Figure 4.48).

**Figure 4.48: Number and Percent of Households Reported to Vaccinate Livestock Against Anthrax by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**

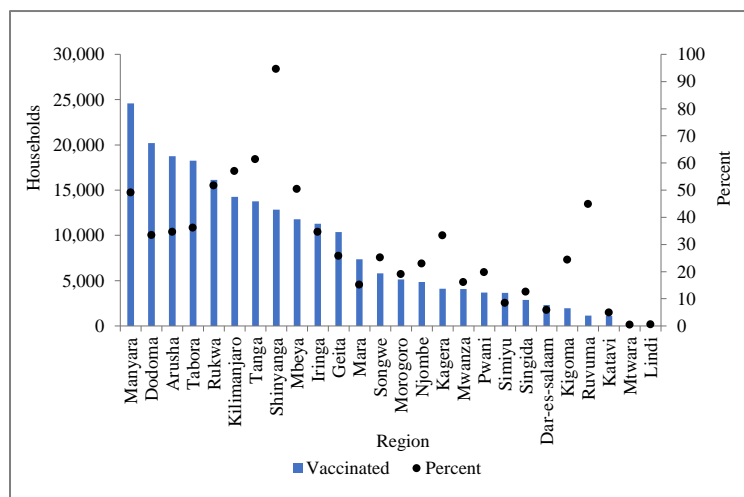


e) **Contagious Bovine Pleuro-Pneumonia (CBPP)**

The census results show that, 222,713 livestock rearing households reported to apply vaccination against CBPP disease, of which 220,637 were in Mainland and 2,076 in Tanzania Zanzibar. In Mainland Tanzania, the region with the largest number of livestock rearing households vaccinated their livestock against CBPP was Manyara (24,594; 49.2 percent), followed by Dodoma (20,185; 33.5

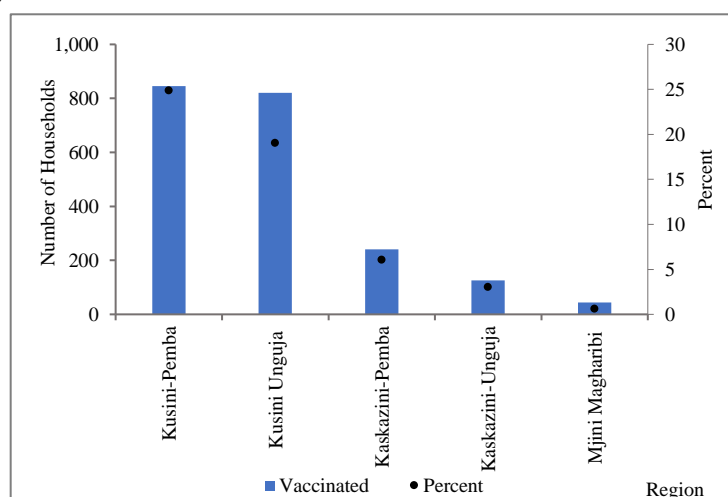
percent) and Arusha (18,758; 34.7 percent). The region with the least number of households that vaccinated their animals against CBPP was Lindi (78; 0.6 percent) (Figure 4.49).

**Figure 4.49: Number and Percent of Households Reported to Vaccinate Livestock Against CBPP Disease by Region During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the region with the largest number of livestock rearing households, which vaccinated their livestock against CBPP was Kusini Pemba (845; 40.7 percent), followed by Kusini Unguja (820; 39.5 percent) and Kaskazini Pemba (241; 11.6 percent). The region with the least number was Mjini Magharibi (44 households; 2.1 percent) (Figure 4.50).

**Figure 4.50: Number and Percent of Households Reported to Vaccinate Livestock Against CBPP Disease by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**

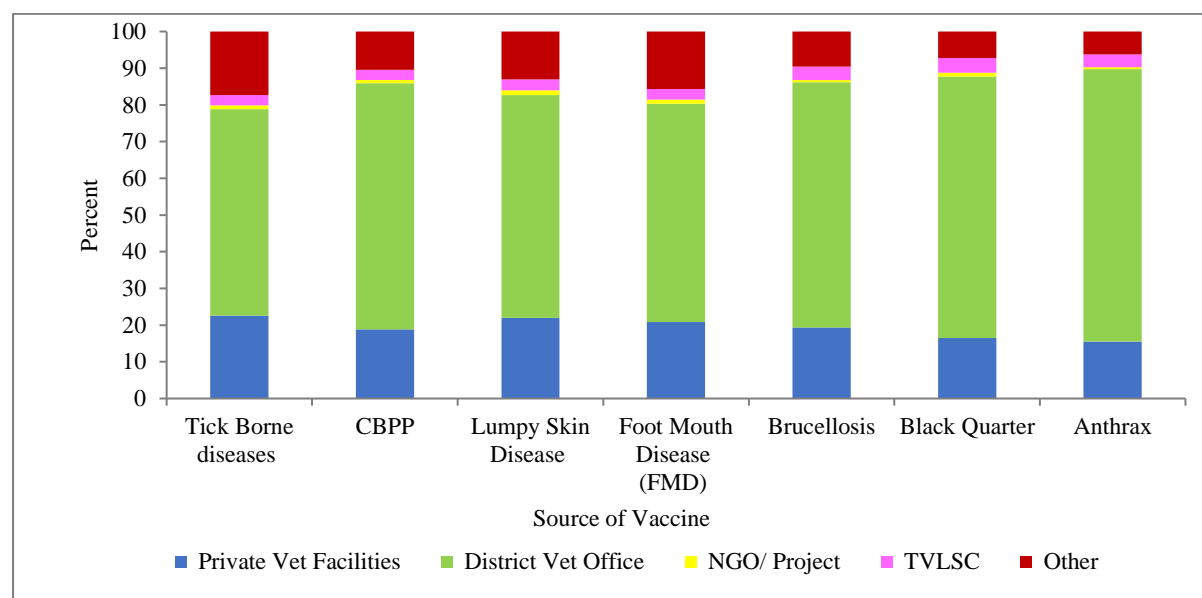


#### 4.5.2.2 Source of Vaccines

During 2019/20 agricultural year, livestock rearing households reported different sources of obtaining vaccine for their animals. The Census results show that, District Vet Office was the main source of vaccine reported by more than 55 percent of the households for various livestock diseases. Private Vet facilities were reported to provide vaccine by proportional of 15 to 23 percent of households among other sources used by livestock keepers. Other sources

reported were NGOs/Projects (0.5 to 1.3 percent), Tanzania Veterinary Laboratory Agency Centers (TVLA) (2.8 to 4.0 percent) and other (6.3 to 17.3 percent) (Figure 4.51).

**Figure 4.51: Percentage of Cattle Rearing Households Reported Sources of Vaccine by Type Disease During 2019/20 Agricultural Year, Tanzania**



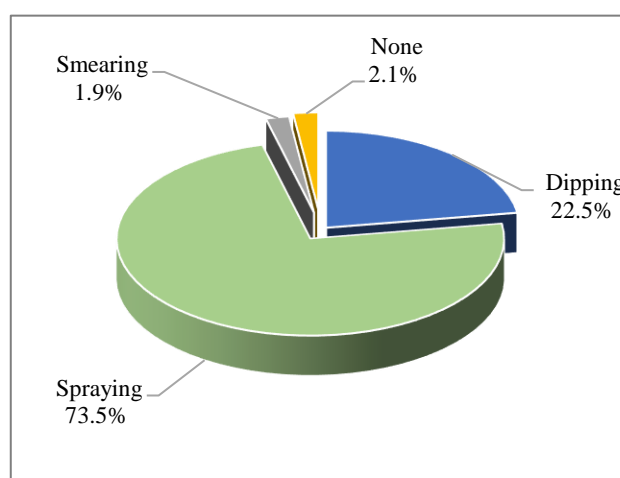
### 4.5.3 Livestock Pest and Parasites Control Methods

In the 2019/20 agricultural year, specific livestock pest and parasites control methods were applied for the control of ticks, tsetse flies and Newcastle Disease as follows:-

#### 4.5.3.1 Tick Control Methods

The Census results show that, Tick Borne Diseases were amongst the common diseases infecting livestock during 2019/20 agricultural year. In Mainland Tanzania, high number of livestock rearing households encountered tick problem were in Manyara, Dodoma, Mbeya, Shinyanga, Mwanza and Rukwa regions, while in Tanzania Zanzibar were Kusini Pemba, Kusini Unguja and Kaskazini Pemba. The control methods for Tick Borne Diseases

**Figure 4.52: Percentage Distribution of Households Reported Tick Control Methods During 2019/20 Agricultural Year, Tanzania**



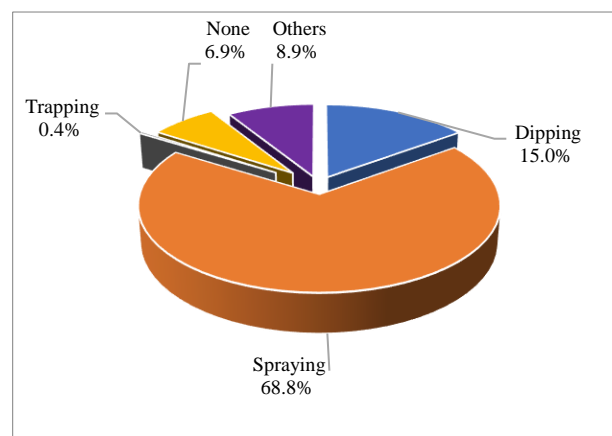
included spraying that was applied by 242,183 households (73.5 percent); dipping (74,195; 22.5

percent); smearing (6,323, 1.9 percent) and those which did not practice any control method for Tick Borne Diseases were 6,323 households representing 2.1 percent (Figure 4.52).

#### 4.5.3.2 Tsetse Fly Control Methods

The Census results show that, tsetse flies problem was another challenge that infected livestock raising households during 2019/20 agricultural year. In Mainland Tanzania, high number of livestock raising households encountered tsetse flies problem were in Arusha, Manyara, Dodoma, Kilimanjaro, Rukwa, Mbeya, Songwe and Tanga regions, while in Tanzania Zanzibar were in Kusini Pemba and Mjini Magharibi only.

**Figure 4.53: Percent of Households Reported Tsetse Flies Control Methods During 2019/20 Agricultural Year, Tanzania**

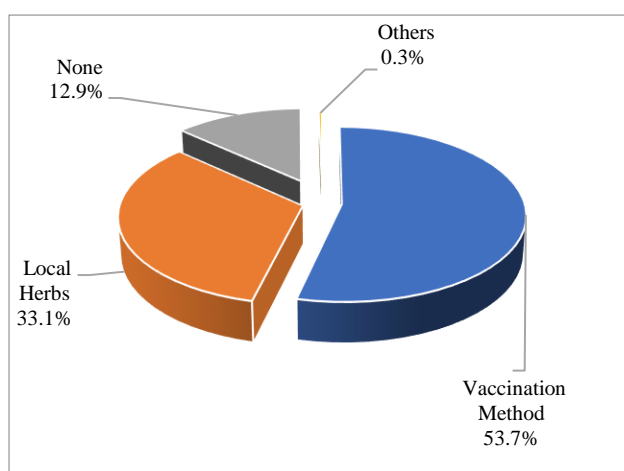


The control methods employed for the control of tsetse flies disease include spraying, that was applied by 65,372 households (68.8 percent); dipping (14,258; 15.0 percent); trapping (355; 0.4 percent); others (8,494; 8.9 percent) and those which did not practice any control method for the tsetse flies were 6,579 households representing 6.9 percent (Figure 4.53).

#### 4.5.3.3 The Control Methods of Newcastle Disease (NCD)

The Census results show that, Newcastle Disease was amongst the most prevalent disease infecting poultry during 2019/20 agricultural year. In Mainland Tanzania, large number of households encountering NCD problem were in Mbeya, Tanga, Mwanza, Iringa, Geita, Dodoma and Rukwa regions, while in Tanzania Zanzibar were in Mjini Magharibi, Kusini Unguja and Kaskazini Unguja. The control methods for NCD included vaccination that was applied by 218,714 households (53.7 percent); local herbs (134,611; 33.1 percent); other (1,125; 0.3 percent); and those which did not practice any control method for the NCD constituted 52,866 households representing 12.9 percent (Figure 4.54).

**Figure 4.54: Percent of Households Reported NCD Control Methods During 2019/20 Agricultural Year, Tanzania**



#### 4.5.4 Deworming Practices

The Census results show that, during 2019/20 agricultural year, the total number of households reported to deworm their livestock in Tanzania was 664,549 representing 57.4 percent of the total households practiced pest and parasite control. Out of the total, 650,434 households were in Mainland Tanzania and 14,115 in Tanzania Zanzibar. In Mainland Tanzania, 63.4 percent (412,091 households) reported to deworm cattle while 42.7 percent reported to deworm goat. Out of total households that dewormed livestock, 20.4 percent (132,935 households) reported to deworm sheep, 17.6 percent dewormed pig and 25.0 percent dewormed chicken.

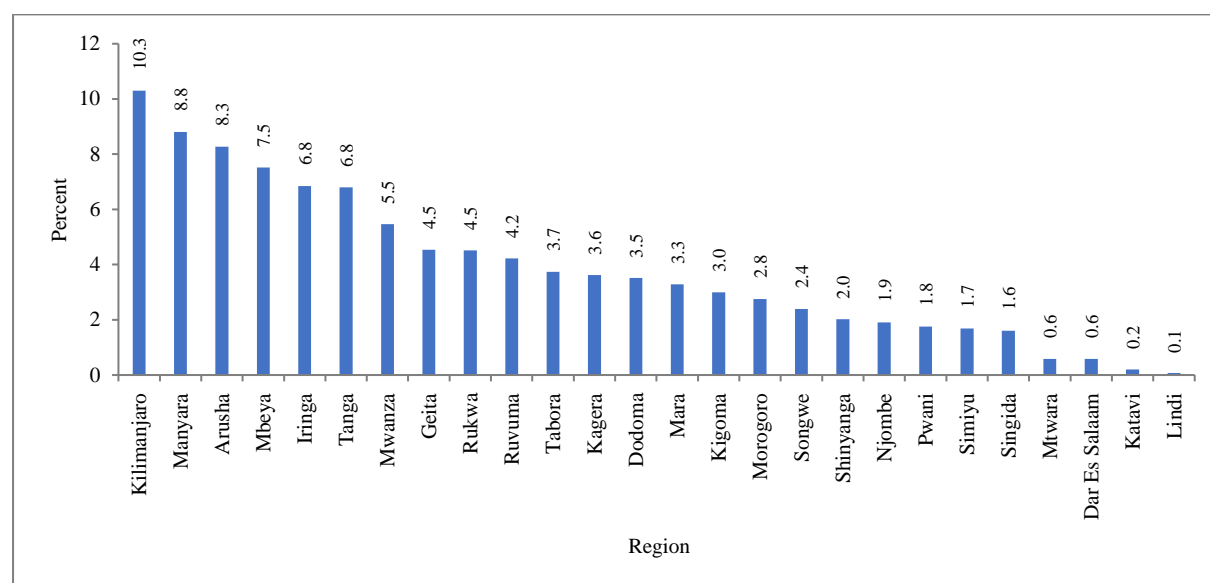
In Tanzania Zanzibar, the largest number of households (11,115; 78.7 percent) reported to deworm cattle, while 27.1 percent dewormed chicken. There were no households reported to deworm pig and sheep in Tanzania Zanzibar (Table 4.19).

**Table 4.19: Number and Percentage of Households Reported to Deworm Livestock During 2019/20 Agricultural Year, Tanzania**

Selected Characteristics	Households Reported to Deworm Livestock								
	Tanzania			Mainland Tanzania			Tanzania Zanzibar		
	Dewormed Livestock	Number	Percent	Dewormed Livestock	Number	Percent	Dewormed Livestock	Number	Percent
Cattle	664,549	423,206	63.7	650,434	412,091	63.4	14,115	11,115	78.7
Goat	664,549	281,048	42.3	650,434	277,754	42.7	14,115	3,294	23.3
Sheep	664,549	132,935	20.0	650,434	132,935	20.4	14,115	0	0.0
Pig	664,549	114,192	17.2	650,434	114,192	17.6	14,115	0	0.0
Chicken	664,549	166,426	25.0	650,434	162,607	25.0	14,115	3,819	27.1

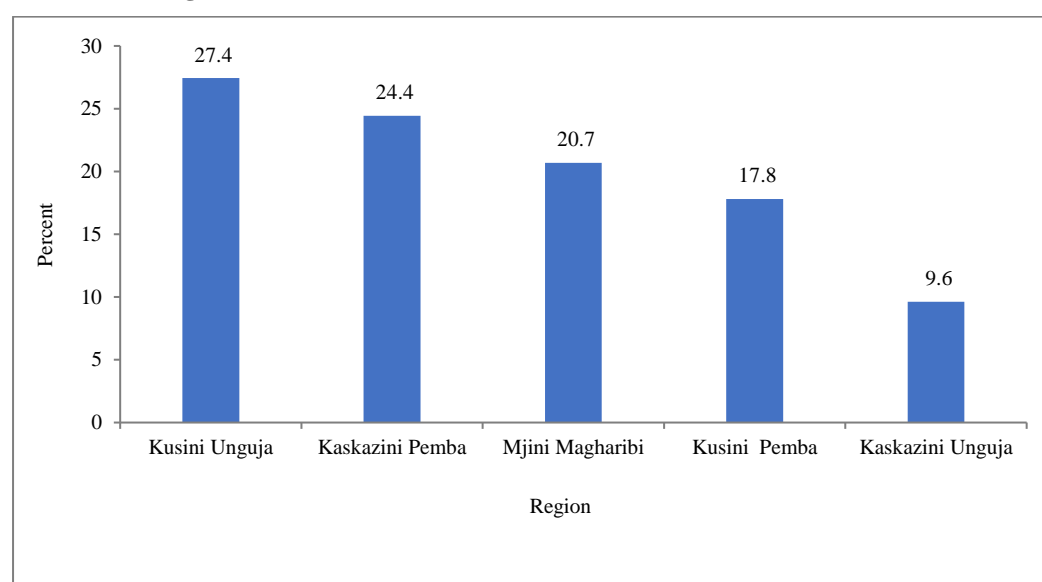
In Mainland Tanzania, deworming practices was highly reported in Kilimanjaro region (66,983 households; 10.3 percent), followed by Manyara (57,268 households; 8.8 percent) and Arusha (53,816 households; 8.3 percent). Lindi region had the lowest number of households (449; 0.1 percent) reported to practice deworming of their livestock (Figure 4.55).

**Figure 4.55: Percentage of Households Reported to Deworm Livestock During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the highest number of households reported to practice deworming was in Kusini Unguja region (3,872; 27.4 percent), followed by Kaskazini Pemba (3,449; 24.4 percent), while the least was in Kaskazini Unguja region (1,359; 9.6 percent) (Figure 4.56).

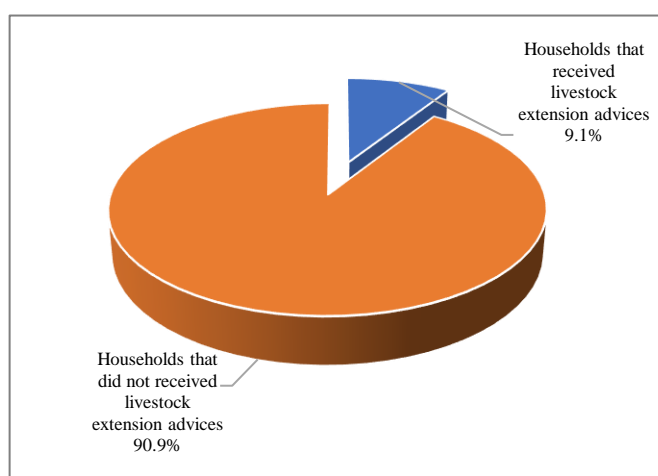
**Figure 4.56: Percentage of Households Reported to Deworm Livestock During 2019/20 Agricultural Year, Tanzania Zanzibar**



#### 4.6 Livestock Extension Services

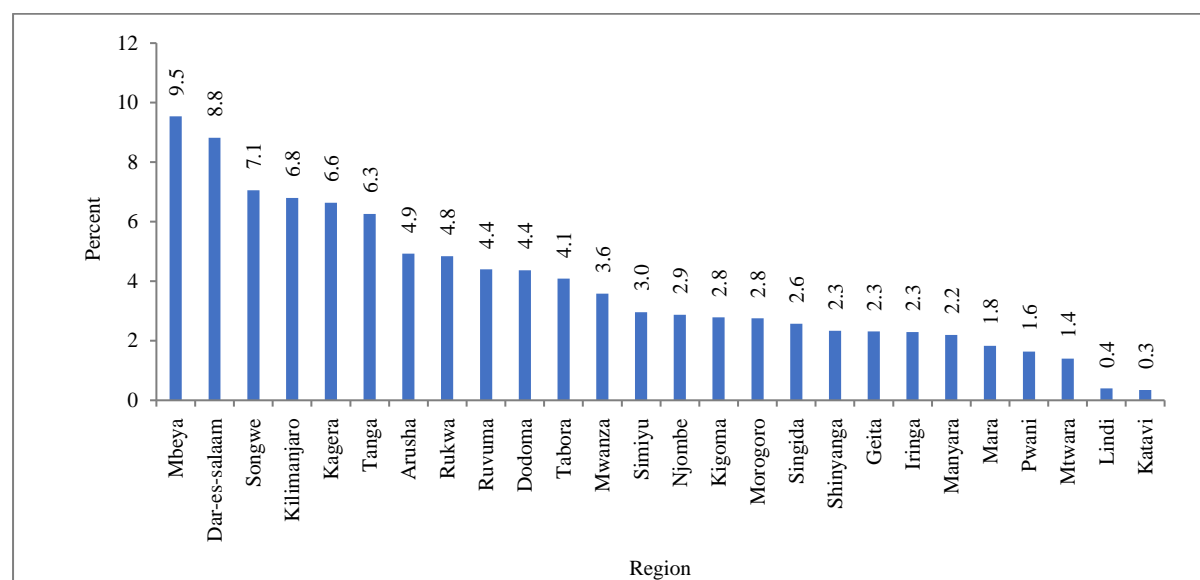
During 2019/20 NSCA, the total number of households engaged in rearing livestock was 2,747,911, whereby 2,683,455 households were in Mainland Tanzania and 64,456 households in Tanzania Zanzibar. Only few households (9.1 percent of the total households rearing livestock) received livestock extension services and 90.9 percent did not receive extension services on livestock (Figure 4.57).

**Figure 4.57: Percentage of Households Received Extension Service Advice for Livestock During 2019/20 Agricultural Year, Tanzania**



In Mainland Tanzania, the largest number of households received extension advice was reported in Mbeya region (23,335; 9.5 percent), followed by Dar es Salaam (21,586; 8.8 percent) and Songwe (17,262; 7.1 percent). Katavi region had the least number of households (850; 0.3 percent) received extension services (Figure 4.58).

**Figure 4.58: Number of Households Received Extension Advices for Livestock by Region During 2019/20 Agricultural Year, Mainland Tanzania**

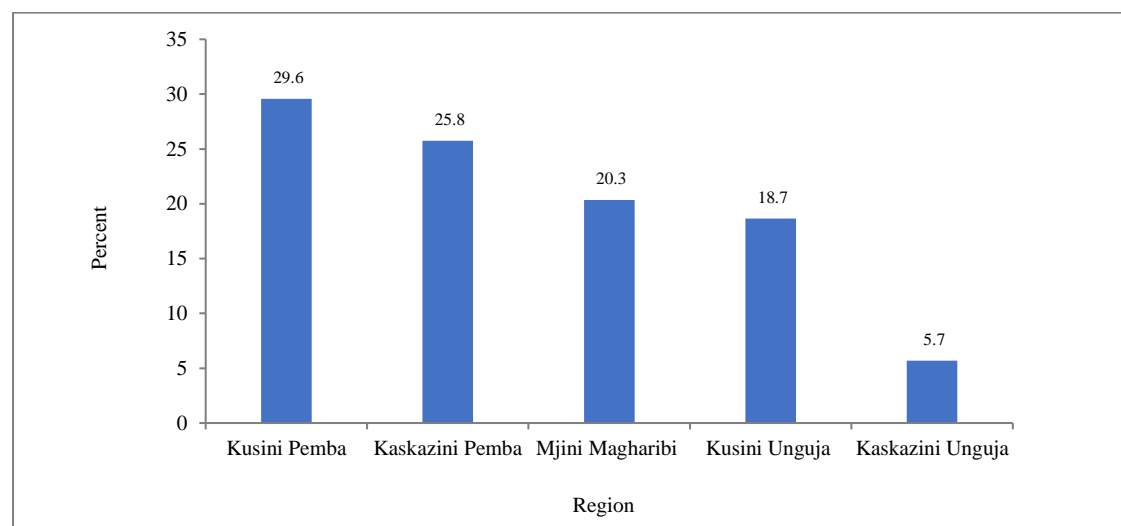


In Tanzania Zanzibar, the largest number of households reported to receive extension services advice was in Kusini Pemba region (1,818; 29.6 percent), followed by Kaskazini Pemba



(1,584; 25.8 percent), while Kaskazini Unguja region had least number of households (349; 5.7 percent) (Figure 4.59).

**Figure 4.59: Number of Households Received Extension Service Advices for Livestock by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



#### 4.6.1 Extension Service Received by Households

The 2019/20 NSCA results show that, different extension advices were provided to households rearing livestock. The extension advice on disease control was provided to majority of households in Tanzania (167,374; 18.0 percent), followed by feeds and proper feeding (129,039; 13.9 percent) and proper housing (100,391; 10.8 percent), while the least number of households reported to receive extension advice on other messages (6,827; 0.7 percent).

In Mainland Tanzania, the extension advice on disease control was received by majority of households (163,374; 17.9 percent), followed by feeds and proper feeding (126,560; 13.9 percent) and housing (98,794; 10.8 percent). The least number of households received extension advice was on group formation and strengthening (21,055; 2.3 percent) (Table 4.20).

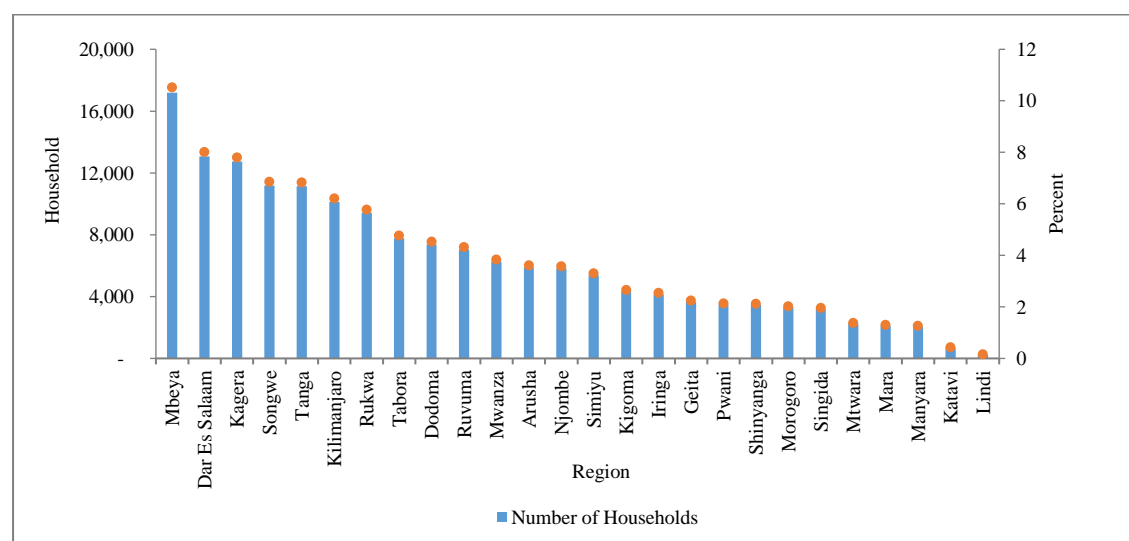
In Tanzania Zanzibar, the extension advice on disease control was received by majority of households (4,000; 22.8 percent), followed by feeds and proper feeding (2,479; 14.2 percent) and calf rearing (2,197; 12.5 percent). The least number of households received extension advice was on livestock branding (198; 1.1 percent) (Table 4.20).

**Table 4.20: Number and Percentage of Households Received Extension Services on Livestock by Type of Extension Advice for Livestock During 2019/20 Agricultural Year, Tanzania**

Extension Advice	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number of Households	Percent	Number of Households	Percent	Number of Households	Percent
Feeds and proper feeding	129,039	13.9	126,560	13.9	2,479	14.2
Proper housing	100,391	10.8	98,794	10.8	1,599	9.1
Proper milking and milk hygiene	68,451	7.4	66,659	7.3	1,792	10.2
Livestock fattening	85,246	9.2	84,457	9.3	789	4.5
Disease control	167,374	18.0	163,374	17.9	4,000	22.8
Herd/flock size and selection	46,921	5.1	45,894	5.0	1,027	5.9
Keeping based on carrying capacity	64,204	6.9	63,079	6.9	1,125	6.4
Pasture establishment	29,278	3.2	28,729	3.2	549	3.1
Group formation and strengthening	21,601	2.3	21,055	2.3	547	3.1
Calf rearing	63,586	6.8	61,388	6.7	2,197	12.5
Use of improved bulls/AI	27,887	3.0	27,178	3.0	709	4.0
Livestock branding	75,575	8.1	75,377	8.3	198	1.1
Castration	42,075	4.5	41,675	4.6	400	2.3
Others advices	6,827	0.7	6,723	0.7	104	0.6

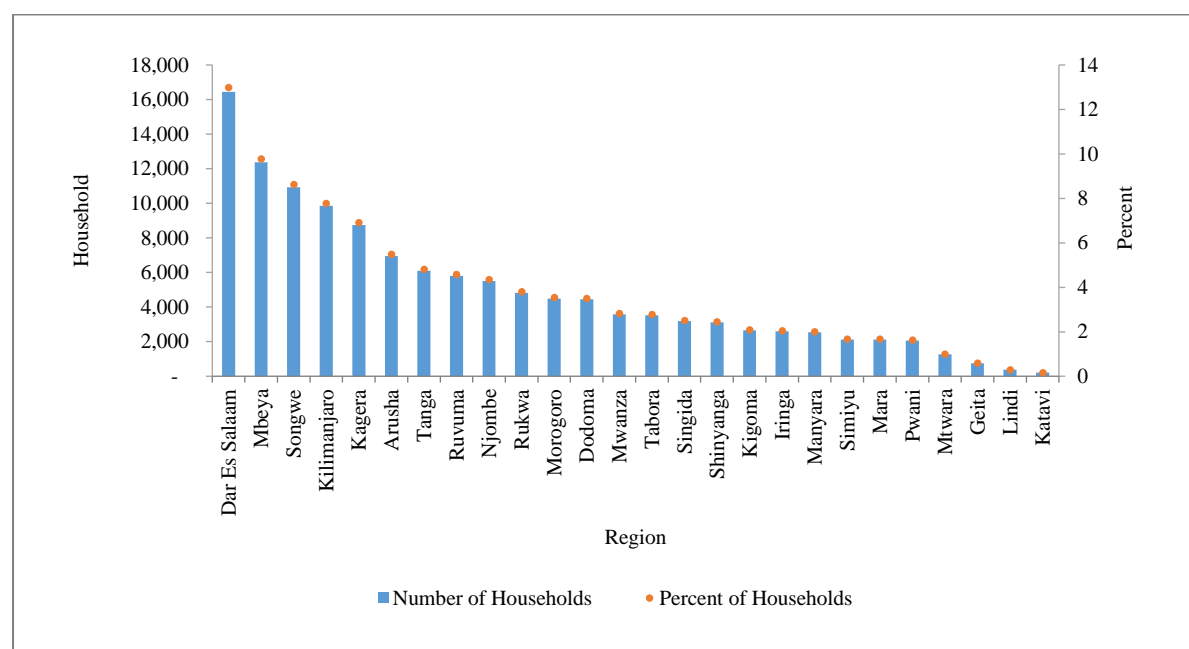
For the case of advice on disease control in Mainland Tanzania, Mbeya was the leading region by having 17,184 households (10.5 percent), followed by Dar es Salaam (13,082; 8.0 percent) and Kagera (12,735; 7.8 percent). The least number of households received advice on disease control was reported in Lindi region (250; 0.2 percent) (Figure 4.60).

**Figure 4.60: Number and Percentage of Households Received Extension Advice on Disease Control for Livestock by Region During 2019/20 Agricultural Year, Mainland Tanzania**



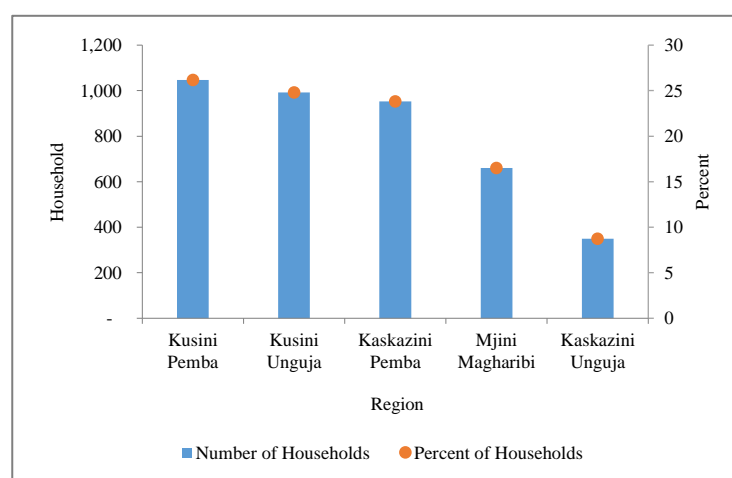
Likewise, Dar es Salaam region had the largest number of households received advice on feed and proper feeding (16,448; 13.0 percent), followed by Mbeya (12,380; 9.8 percent) and Songwe (10,927; 8.6 percent). The least number of households received advice on feed and proper feeding of livestock was reported in Katavi region (217; 0.2 percent) (Figure 4.61).

**Figure 4.61: Number and Percentage of Households Received Extension Advice on Feed and Proper Feeding for Livestock by Region During 2019/20 Agriculture Year, Mainland Tanzania**



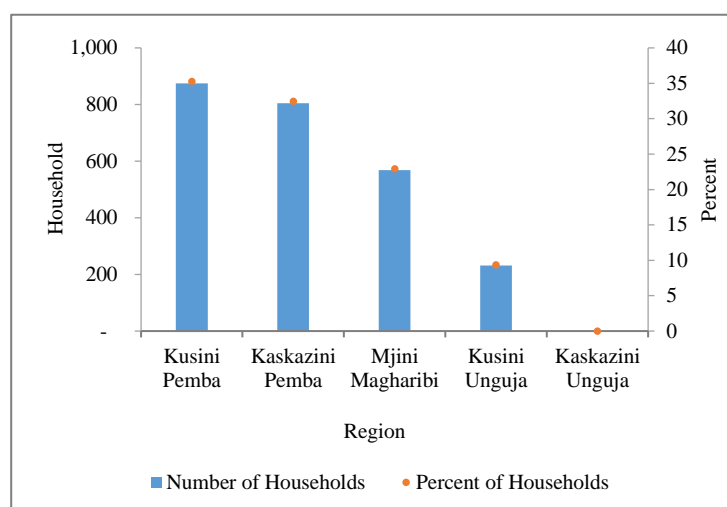
In Tanzania Zanzibar, Kusini Pemba region reported the largest number of households (1,047; 26.2 percent) that received extension advice on disease control, followed by Kusini Unguja (992; 24.8 percent) and Kaskazini Pemba (952; 23.8 percent). The least number of households received advice on disease control was reported in Kaskazini Unguja region (349; 8.7 percent) (Figure 4.62).

**Figure 4.62: Number and Percentage of Households Received Extension Advice on Disease Control for Livestock by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



Likewise, Kusini Pemba region reported the largest number of households that received advice on feed and proper feeding (875; 35.3 percent), followed by Kaskazini Pemba (805; 32.5 percent). The least number of households received advice on feed and proper feeding of livestock was reported in Kusini Unguja region (232; 9.4 percent) (Figure 4.63).

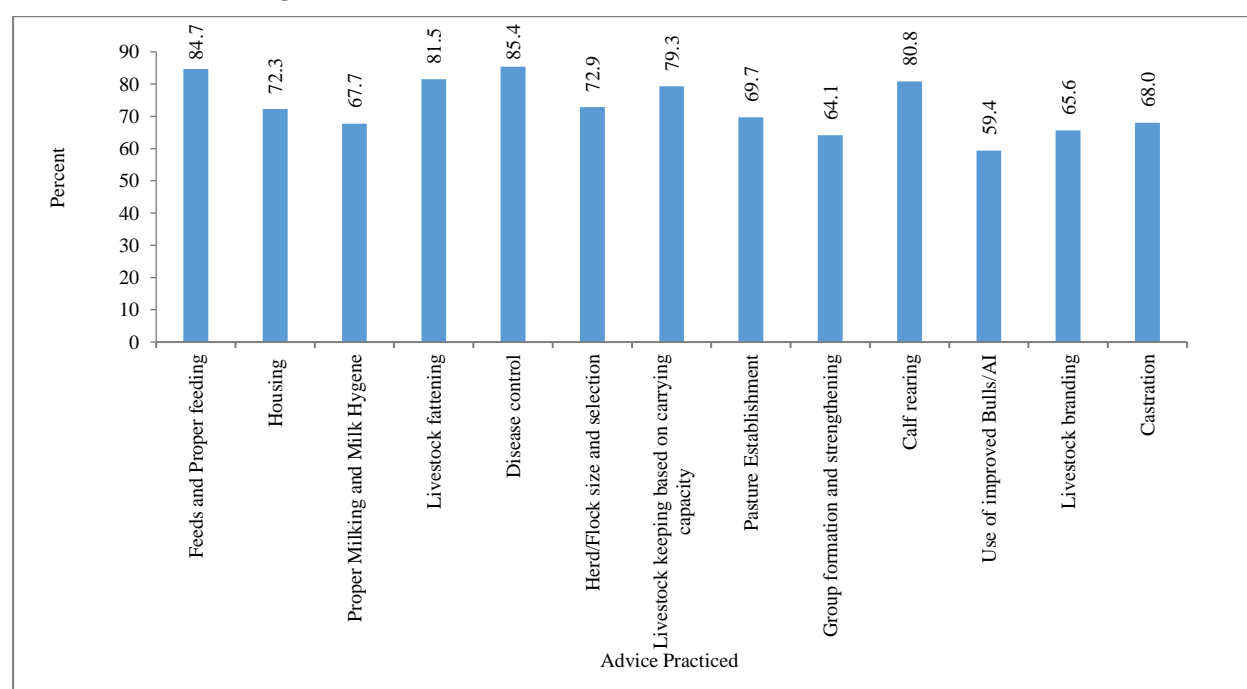
**Figure 4.63: Number of Households Received Extension Advice Feed and Proper Feeding for Livestock by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



#### 4.6.2 Advice Practiced

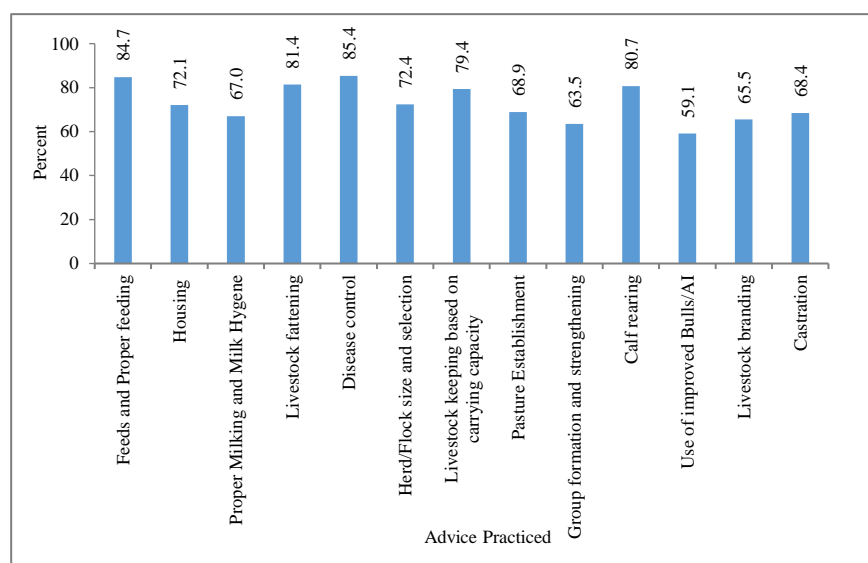
The 2019/20 NSCA results show that, among the received extensions services reported by livestock keeping households in Tanzania, the most practiced extension service was disease control (85.4 percent), followed by feeds and proper feeding (84.7 percent) and livestock fattening (81.5 percent). On the other hand, the least practiced extension service reported by livestock keeping households was use of improved bulls/AI (59.4 percent) (Figure 4.64).

**Figure 4.64: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Tanzania**



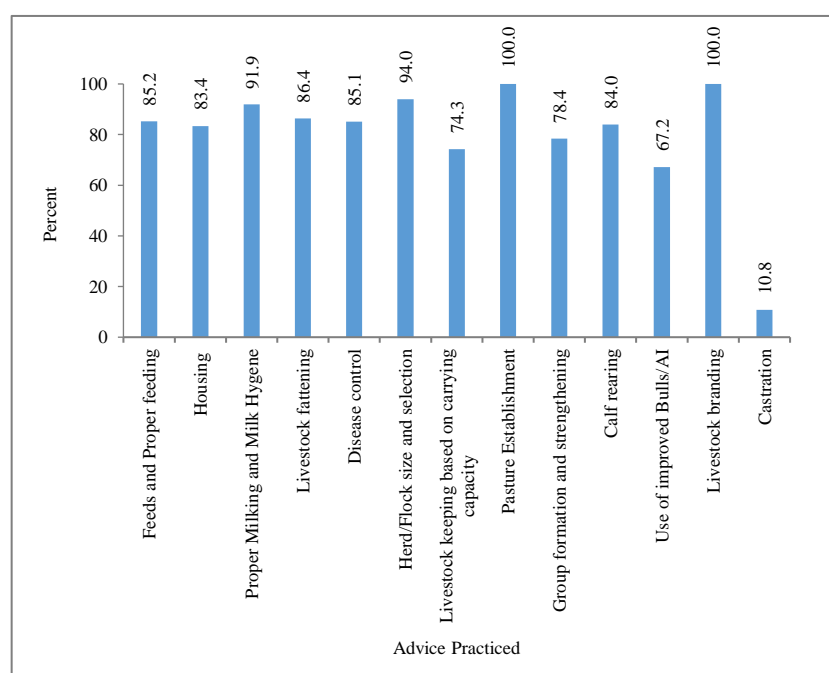
In Mainland Tanzania, the most practiced livestock extension service reported by livestock keeping households was disease control (85.4 percent), followed by feeds and proper feeding (84.7 percent) and livestock fattening (81.4 percent). On the other hand, the least practiced extension service reported by livestock keeping households was use of improved bulls/AI (59.1 percent) (Figure 4.65).

**Figure 4.65: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Mainland Tanzania**



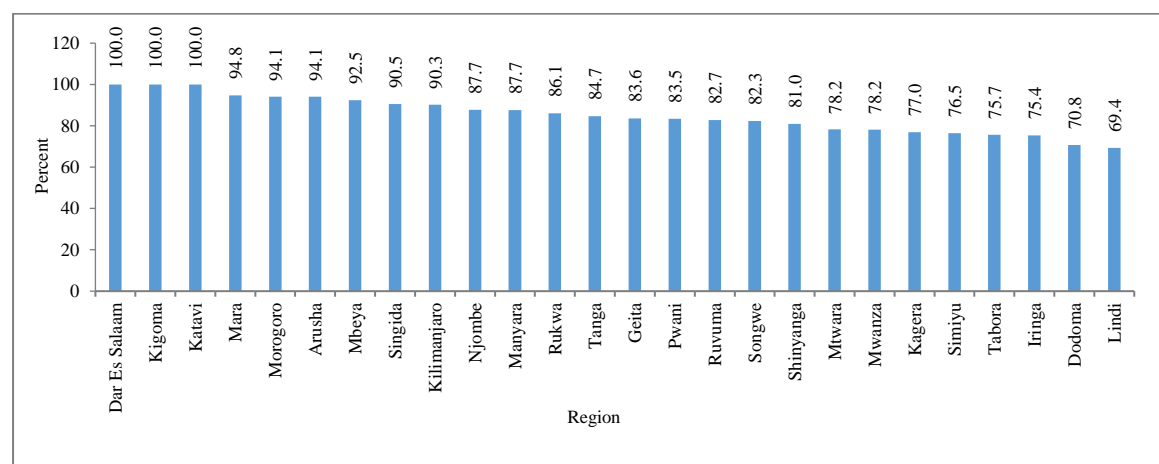
In Tanzania Zanzibar, the most practiced extension service reported by livestock keeping households were livestock branding (100.0 percent) and pasture establishment (100.0 percent), followed by herd/flock size and selection (94.0 percent) and proper milking and milk hygiene (91.9 percent). On the other hand, the least practiced extension service reported by livestock keeping households was castration (10.8 percent) (Figure 4.66).

**Figure 4.66: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Tanzania Zanzibar**



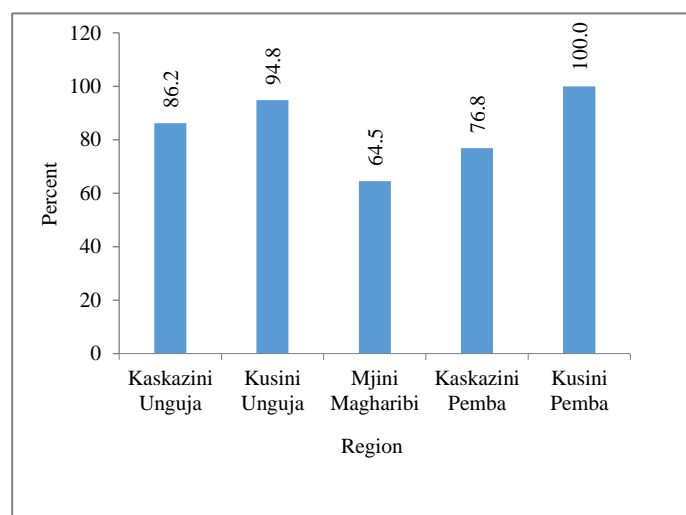
In Mainland Tanzania, Dar es Salaam, Kigoma and Katavi regions had high percentage (100.0 percent each) of livestock keeping households that reported to practice disease control extension advices, followed by Mara (94.8 percent). Whilst the region with lowest percentage of livestock keeping households that reported to practice disease control extension advices was Lindi (69.4 percent) (Figure 4.67).

**Figure 4.67: Percentage of Households Reported to Practice Livestock Extension Services During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, the region with highest percentage of livestock keeping households that reported to practice disease control extension advice was Kusini Pemba (100.0 percent), followed by Kusini Unguja (94.8 percent). Whilst the region with lowest percentage was Mjini Magharibi (64.5 percent) (Figure 4.68).

**Figure 4.68: Percentage of Households Reported to Practice Livestock Extension Services by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



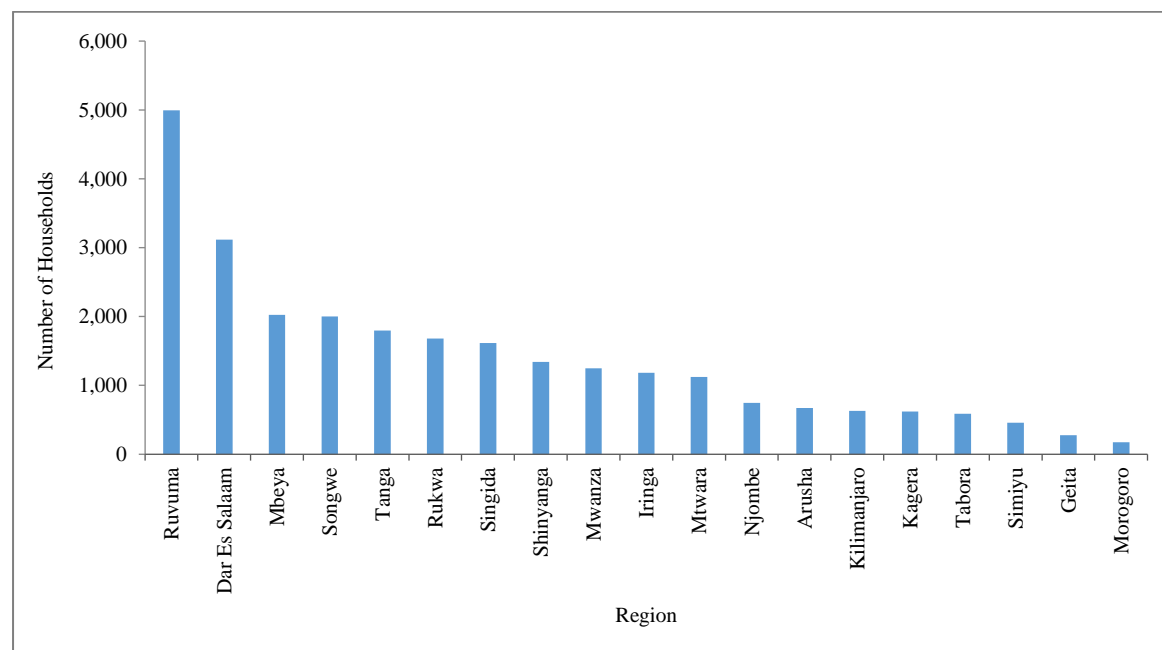
## 4.7 Fish Farming

The Fisheries Sector plays an important role in the economy of Tanzania. During 2020, the sector recorded a growth of 6.7 percent and accounted for 1.7 percent share to GDP. However, this chapter presents census results on fish farming for both smallholder farmers and large-scale farms, specifically fish production, sources of fingerlings, frequency of stocking, outlet for selling fish and source of fish feeds. The species of fish considered in the census include tilapia, milk fish, prawns and african catfish.

### 4.7.1 Fish Farming Households

The 2019/20 NSCA results show that, total number of households reported to practice fish farming in Tanzania was 26,662 (26,294 in Mainland Tanzania and 368 in Tanzania Zanzibar). In Mainland Tanzania, region with largest number of households practiced fish farming was Ruvuma (19.0 percent), followed by Dar es Salaam (11.9 percent) and Mbeya (7.7 percent). The region with the lowest number of households practiced fish farming was Morogoro (0.7 percent), while there were no households reported to practice fish farming in Dodoma, Pwani, Lindi, Kigoma Manyara, Mara and Katavi regions (Figure 4.69). In Tanzania Zanzibar, only Kusini Pemba region with 368 households was reported to practice fish farming.

**Figure 4.69: Number of Agricultural Households Practicing Fish Farming by Region During 2019/20 Agricultural Year, Mainland Tanzania**



The number of households reported to practice fish farming in Tanzania has slightly increased from 0.2 percent in 2007/08 to 0.3 percent in 2019/20 agricultural year. Similarly, the number of households reported to practice fish farming in Mainland Tanzania has increased from 0.2 percent in 2007/08 to 0.3 percent in 2019/20, while that of Tanzania Zanzibar increased from 0.02 percent in 2007/08 to 0.2 percent in 2019/20 agricultural year.

#### 4.7.2 Fish Production

The 2019/20 NSCA results show that, a total number of stocked fish was 52,979,610 fingerlings (49,379,641 fingerlings from smallholder farmers and 3,599,969 from large scale farms). The total production of fish was 12,936 tons (12,626 tons from smallholder farmers and 310 tons from large scale farms). Whilst the total quantity of fish sold was 2,090 tons (1,847 tons from smallholder farmers and 243 tons from large scale farms).

In Mainland Tanzania, a total number of stocked fish was 52,648,933 fingerlings and quantity of harvested was 12,872 tons and a total of 2,031 tons were sold. In Tanzania Zanzibar, a total number of stocked fish was 330,677 fingerlings and quantity of harvested was 64 tons, and a total of 59 tons were sold.

The total quantity of fish harvested by smallholder farmers was 12,626 tons (12,615 tons in Mainland Tanzania and 11 tons in Tanzania Zanzibar) and 1,846 tons (1,835 tons in Mainland Tanzania and 11 tons in Tanzania Zanzibar) were sold (Table 4.21).

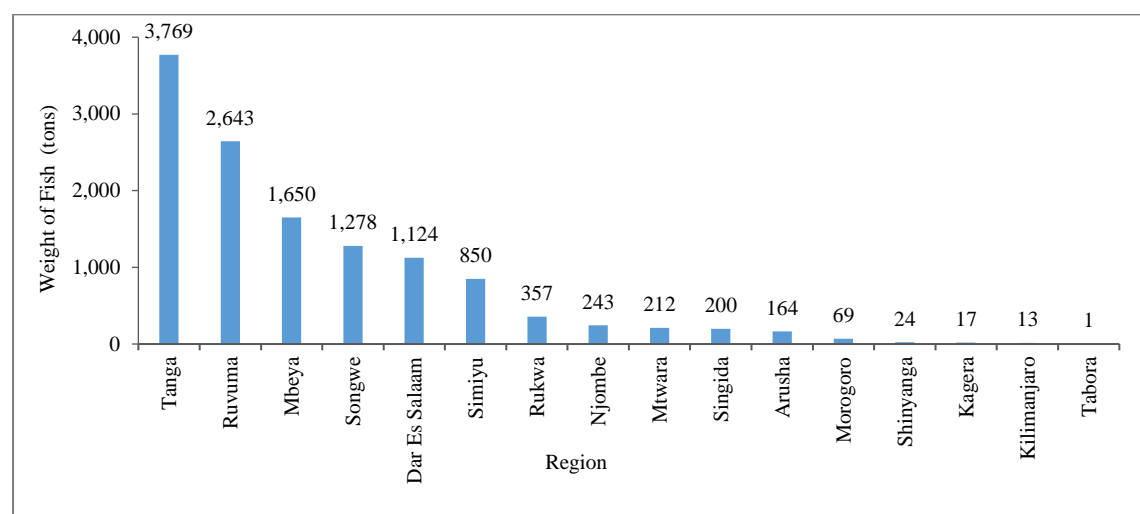
**Table 4.21: Number of Stocked and Harvested Fish, Weights of Harvested and Sold Fish, During 2019/20 Agricultural Year, Tanzania**

Number/Quantity	Tanzania			Mainland Tanzania			Tanzania Zanzibar		
	Total	Large Scale Farms	Smallholder Farmers	Total	Large Scale Farms	Smallholder Farmers	Total	Large Scale Farms	Smallholder Farmers
Number of Stocked Fish	52,979,610	3,599,969	49,379,641	52,648,933	3,442,578	49,206,355	330,677	157,391	173,286
Number of Fish Harvested	9,157,037	1,661,350	7,495,687	9,055,561	1,594,050	7,461,511	101,476	67,300	34,176
Weight Harvested (Kg)	12,936,625	310,352	12,626,273	12,872,420	257,539	12,614,881	64,205	52,813	11,392
Weight of Fish Sold (Kg)	2,089,893	243,196	1,846,697	2,030,526	195,221	1,835,305	59,367	47,975	11,392

In Mainland Tanzania, for the case of smallholder farmers, Tanga region had largest quantity of harvested fish (3,769 tons; 29.9 percent), followed by Ruvuma (2,643 tons; 21.0 percent) and Mbeya (1,650 tons; 13.1 percent). Tabora region reported the least quantity of fish harvested (1 ton; 0.004 percent) (Figure 4.70). In Tanzania Zanzibar, only Kusini Pemba region was reported to harvest a total of 11 tons of fish during 2019/20 agricultural year.



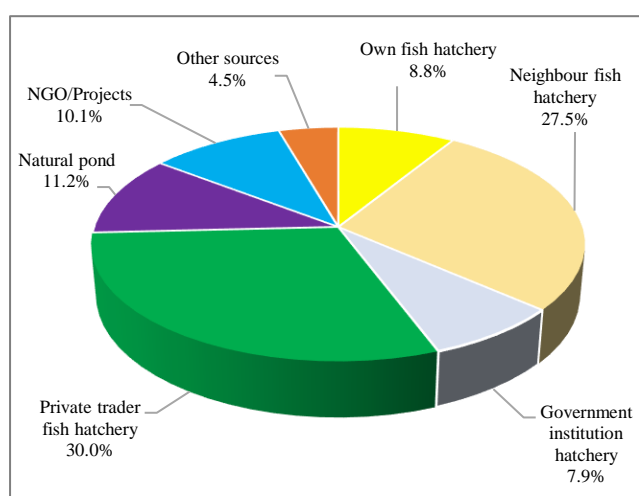
**Figure 4.70: Weight of Fish Harvested by Smallholder Farmers by Region During 2019/20 Agricultural Year, Mainland Tanzania**



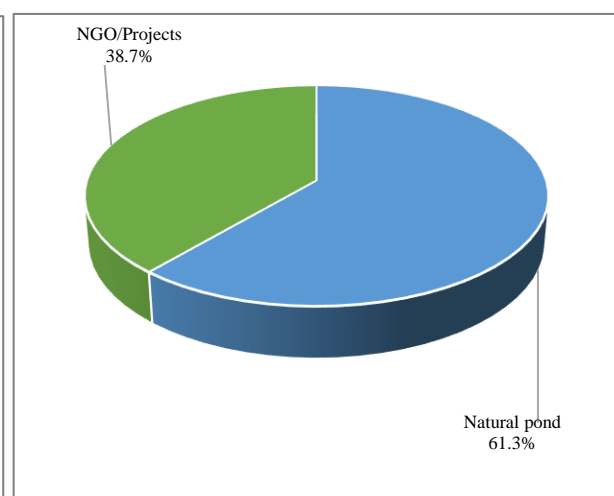
### 4.7.3 Source of Fingerlings

In Mainland Tanzania, the main source of fingerlings reported by households was private trade fish hatchery (8,964; 30.0 percent), followed by neighbour fish hatchery (8,234 households; 27.5 percent). Other sources reported by households include natural pond (3,335; 11.2 percent), NGOs/development projects (3,029; 10.1 percent), own fish hatchery (2,641; 8.8 percent) and government institution hatchery (2,350; 7.9 percent). In Tanzania Zanzibar, the main sources of fingerlings reported by households were natural pond (225; 61.3 percent) and NGO/project (142; 38.7 percent) (Figure 4.71 & 4.72).

**Figure 4.71: Percentage Distribution of Main Sources of Fish Fingerlings Reported by Households During 2019/20 Agricultural Year, Mainland Tanzania**



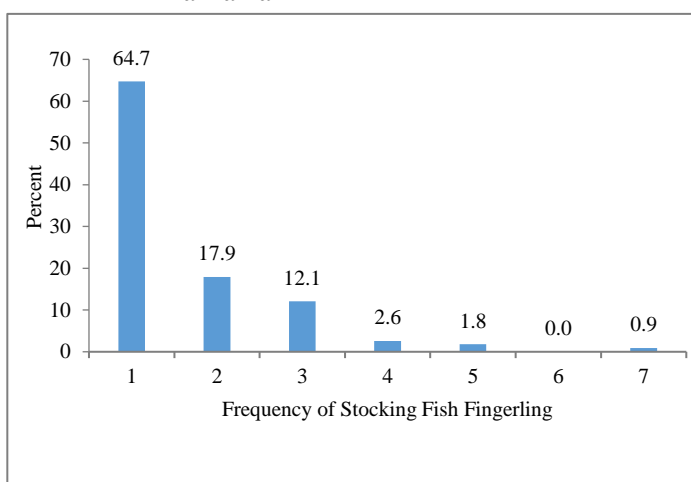
**Figure 4.72: Percentage Distribution of Main Sources of Fish Fingerlings Reported by Households During 2019/20 Agricultural Year, Tanzania Zanzibar**



#### 4.7.4 Frequencies of Fish Stocking

During 2019/20 agricultural year, most of the fish farming households in Tanzania (64.7 percent) were reported to stock fish fingerlings in their ponds once per year. There were other households that stocked fish fingerlings twice per year (17.9 percent), three times per year (12.1 percent) and more than three times (5.3 percent) (Figure 4.73).

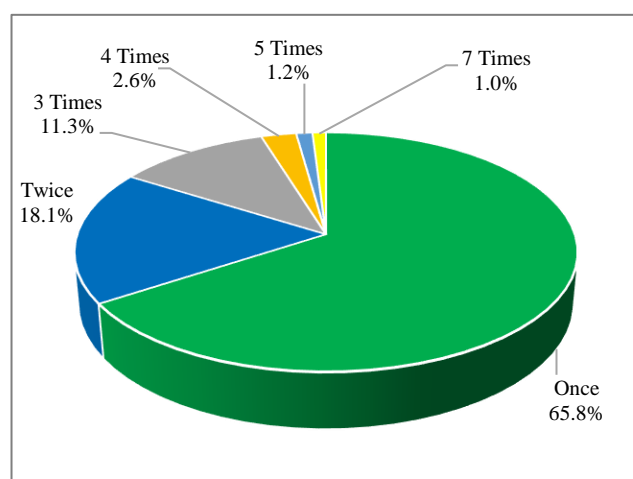
**Figure 4.73: Percentage of Frequency of Stocking Fingerling During 2019/20 Agricultural Year, Tanzania**



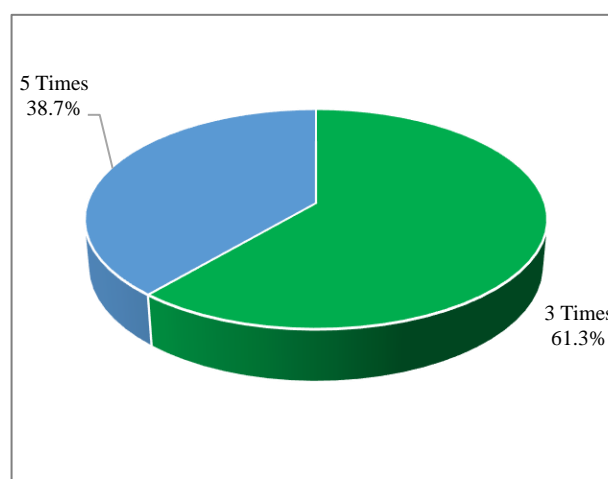
In Mainland Tanzania, majority of households (65.8 percent) stocked fingerlings in their ponds once per year. Those who stocked twice per year were 18.1 percent, while 11.3 percent stocked three times per year and 4.8 percent stocked more than three times. The situation was different in Tanzania Zanzibar, where most of households (61.3 percent) stocked fingerlings in their ponds three times per year and 38.7 percent stocked five times (Figure 4.74 & 4.75).

According to the 2019/20 NSCA results, the number of households that stocked fingerlings once per year had decreased from 68 percent in 2007/08 to 64.6 percent in 2019/20 agricultural year, while those who stocked fingerlings more than three times had increased from 0.1 percent in 2007/08 to 5.3 percent in 2019/20 agricultural year.

**Figure 4.74: Percentage Distribution of Frequency of Stocking Fingerlings During 2019/20 Agricultural Year, Mainland Tanzania**



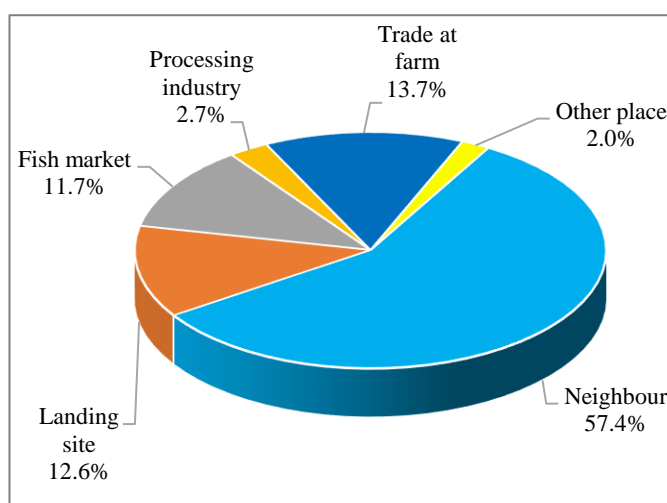
**Figure 4.75: Percentage Distribution of Frequency of Stocking Fingerlings During 2019/20 Agricultural Year, Tanzania Zanzibar**



### 4.7.5 Outlets for Selling Fish

The 2019/20 NSCA results show that, most of the households that sold fish, reported to sell fish to their neighbours (6,118; 57.4 percent), followed by those who trade at farm (1,478; 13.7 percent) and landing site (1,344; 12.6 percent). Other outlets reported were fish markets (1,245; 11.7 percent), processing industry (293; 2.7 percent) and the remaining households (209; 2.1 percent) reported to sell their fish to other selling locations (Figure 4.76).

**Figure 4.77: Percentage Distribution of Households Reported Outlet for Selling Fish During 2019/20 Agricultural Year, Mainland Tanzania**

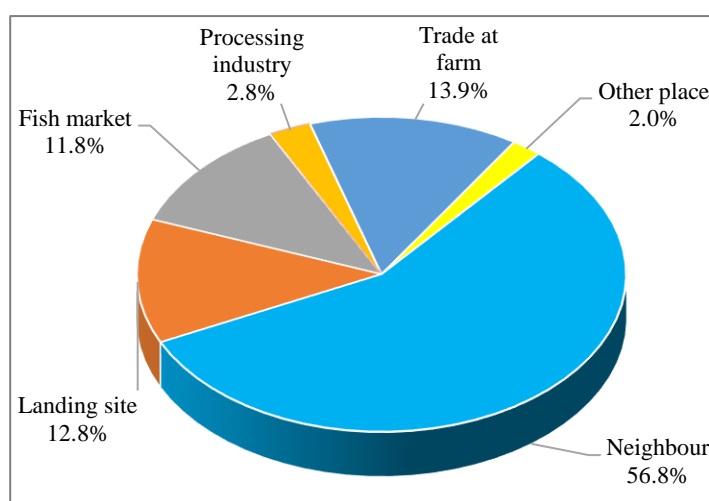


Similar behavior of outlets for selling fish was reported in Mainland Tanzania, where most households sold their fish to their neighbours (56.8 percent), followed by trade at farm (13.9 percent), landing site (12.8 percent), fish markets (11.8 percent), processing industry (2.8 percent) and the remaining 2.0 percent sold to other selling locations (Figure 4.77). The situation was different in Tanzania Zanzibar where 100 percent of households sold their fish to neighbours.

### 4.7.6 Fish Feeds

The results of 2019/20 NSCA show that, the total amount of fish feeds reported by households in Tanzania was 254,038 kg (251,278 kgs in Mainland Tanzania and 2,760 kg in Tanzania Zanzibar). Moreover, fish feeds included homemade feeds (224,517 kg; 88.4 percent), locally compounded feeds (21,556 kg; 8.5 percent), imported manufactured feeds (4,045 kg; 1.6 percent) and other feed sources (3,920 kg; 1.5 percent).

**Figure 4.76: Percentage Distribution of Households Reported Outlets for Selling Fish During 2019/20 Agricultural Year, Tanzania**



In Mainland Tanzania, fish feeds included homemade feeds (224,457 kg; 89.3 percent), locally compounded feeds (18,856 kg, 7.5 percent), imported manufactured feeds (4,045 kg 1.6 percent) and other feeds sources (3,920 kg; 1.6 percent). In Tanzania Zanzibar, the main source of fish feeds was from locally compounded feeds (2,700 kg; 97.8 percent) and homemade feeds (60 kg; 2.2 percent) (Table 4.22).

**Table 4.22: Number of Households and Quantity of Feeds Used by Main Source of Fish Feeds During 2019/20 Agricultural Year, Tanzania**

Main Source	Tanzania			Mainland Tanzania			Tanzania Zanzibar		
	Number of Households	Quantity Kgs	Percent	Number of Households	Quantity Kgs	Percent	Number of Households	Quantity Kgs	Percent
Homemade feeds	19,827	224,517	88.4	19,601	224,457	89.3	225	60	2.2
Locally compounded feeds	3,568	21,616	8.5	3,425	18,916	7.5	142	2,700	97.8
Imported manufactured feeds	398	4,045	1.6	398	4,045	1.6	0	0	0
Other source	2,869	3,920	1.5	2,869	3,920	1.6	0	0	0
<b>Total</b>	<b>26,662</b>	<b>254,098</b>	<b>100.0</b>	<b>26,293</b>	<b>251,338</b>	<b>100.0</b>	<b>367</b>	<b>2,760</b>	<b>100.0</b>

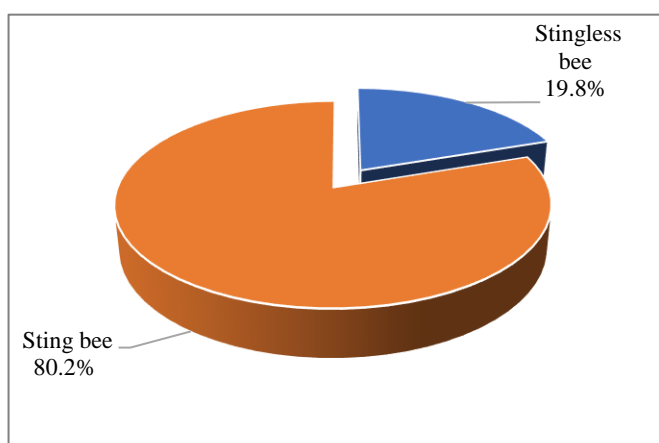
#### 4.8 Bee Keeping

Bee keeping is practiced in both Mainland Tanzania and Tanzania Zanzibar. Two types of beehives were used; improved and local type. Majority of agricultural households keeping bees in Tanzania were keeping sting bees.

The Census results show that, a total of 106,549 households were involved in beekeeping, which is equivalent to 1.4 percent of the total agricultural households

in Tanzania. Most of households were engaged in sting beekeeping (80.2 percent) compared to stingless bees (19.8 percent) (Figure 4.78).

**Figure 4.78: Percentage Distribution of Households by Category of Bee Kept During 2019/20 Agricultural Year, Tanzania**

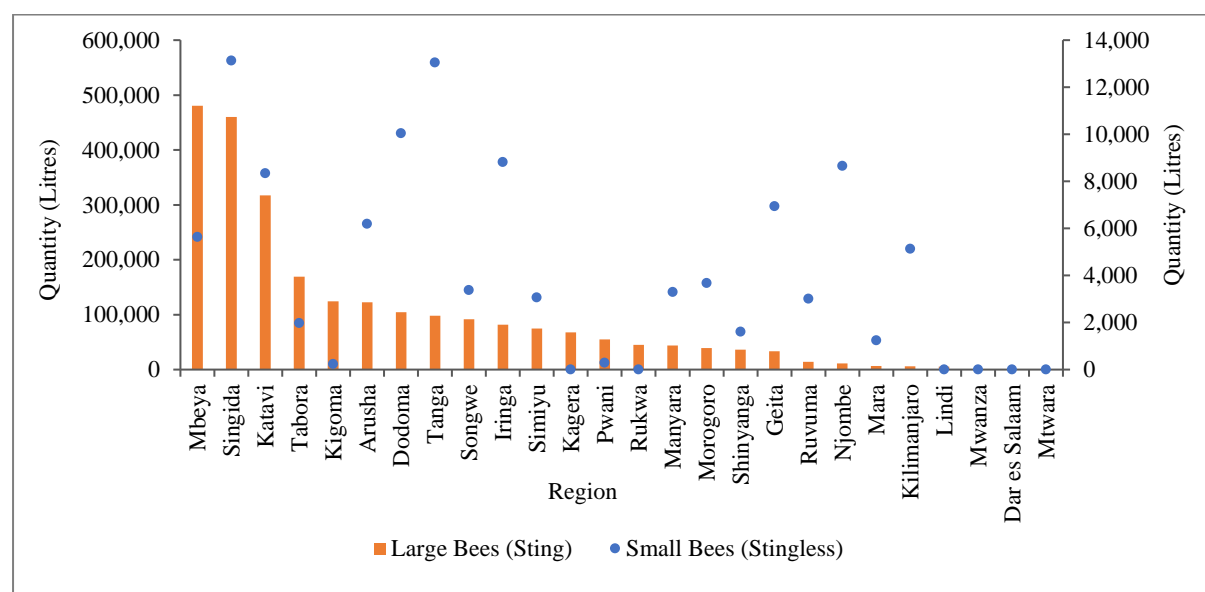


### 4.8.1 Honey Production

The total of 2,601,994 litres of honey were produced from both sting and stingless bees during 2019/20 agricultural year. Out of the total, 2,591,034 litres (2,489,723 litres from sting bee and 101,311 litres from stingless bees) were produced in Mainland Tanzania and 10,958 litres in Tanzania Zanzibar (9,765 litres from sting bee and 1,193 litres from stingless bees).

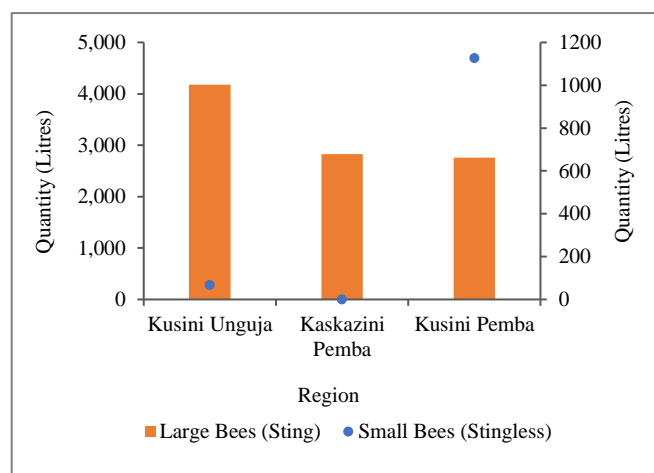
In Mainland Tanzania, the largest quantity of honey from stingless bees was reported in Singida region (13,130 litres; 12.2 percent), followed by Tanga (13,049 litres; 12.1 percent) and Dodoma (10,045 litres; 9.3 percent), whereas the region with least production of honey from stingless bees was Kigoma, (228 litre; 0.2 percent). Furthermore, the largest quantity of honey from sting bees was reported in Mbeya region (480,673 litres; 19.3 percent), followed by Singida (460,316 litres; 18.5 percent) and Katavi (317,176 litres; 12.7 percent). The region with least production of honey from sting bees was Mwanza (752 litre; 0.03 percent) (Figure 4.79).

**Figure 4.79: Quantity of Honey Produced from Stingless and Sting Bees by Region During 2019/20 Agriculture Year, Mainland Tanzania**



In Tanzania Zanzibar, honey production from stingless bees was only reported in Kusini Pemba (1,126 litres; 94.4 percent) and Kusini Unguja (67 litres; 5.6 percent) regions. On the other hand, production of honey from sting bees was reported in Kusini Unguja region (4,180 litres; 42.8 percent), Kaskazini Pemba (2,826.0 litres; 28.9 percent) and Kusini Pemba (2,759 litres; 28.3 percent) (Figure 4.80).

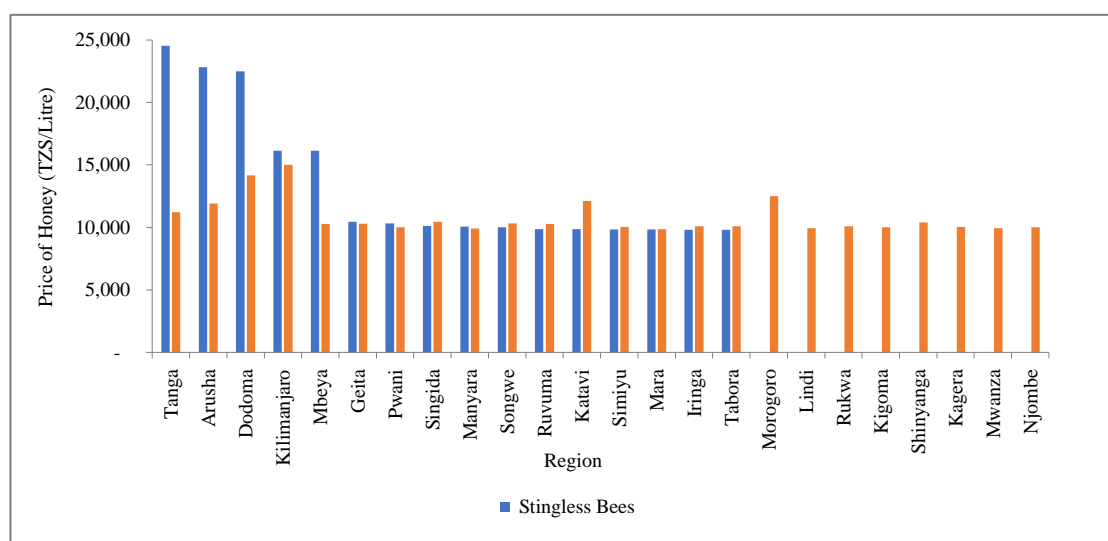
**Figure 4.80: Quantity of Honey Produced from Sting and Stingless Bees by Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



#### 4.8.2 Sales and Market of Harvested Honey

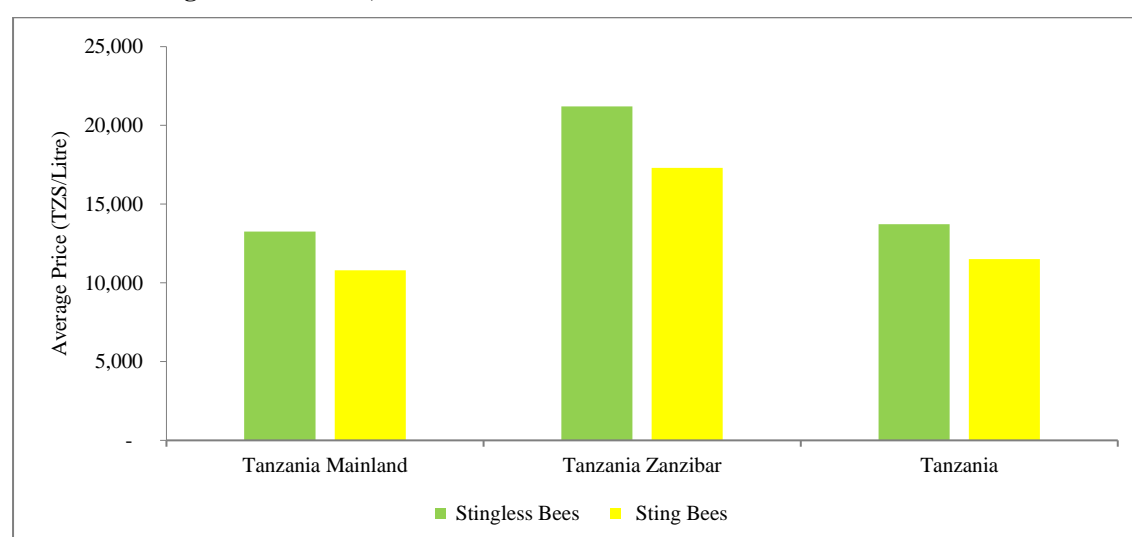
The results show that, the average price of honey per litre from stingless bees was TZS 13,727 and TZS 11,518 for sting bees. In Mainland Tanzania, the average price of honey per litre from stingless bees was TZS 16,024 and TZS 10,758 for sting bee. The average price of honey produced by stingless and sting bees varied between regions. The highest price of honey from stingless bee was reported in Tanga (24,551 TZS/litre), followed by Arusha (22,823 TZS/litre) and Dodoma (22,502 TZS/litre). The lowest price of honey from stingless bees was reported in Tabora (9,800 TZS/litre). Similarly, the highest price honey by sting bees was reported in Kilimanjaro (15,000 TZS/litre), followed by Dodoma (14,156 TZS/litre) and Morogoro (12,511 TZS/litre). The lowest price of honey from sting bees was reported in Mara region (9,867 TZS/litre) (Figure 4.81).

**Figure 4.81: The Average Price of Honey per Litre from Stingless and Sting During 2019/20 Agricultural Year, Mainland Tanzania**



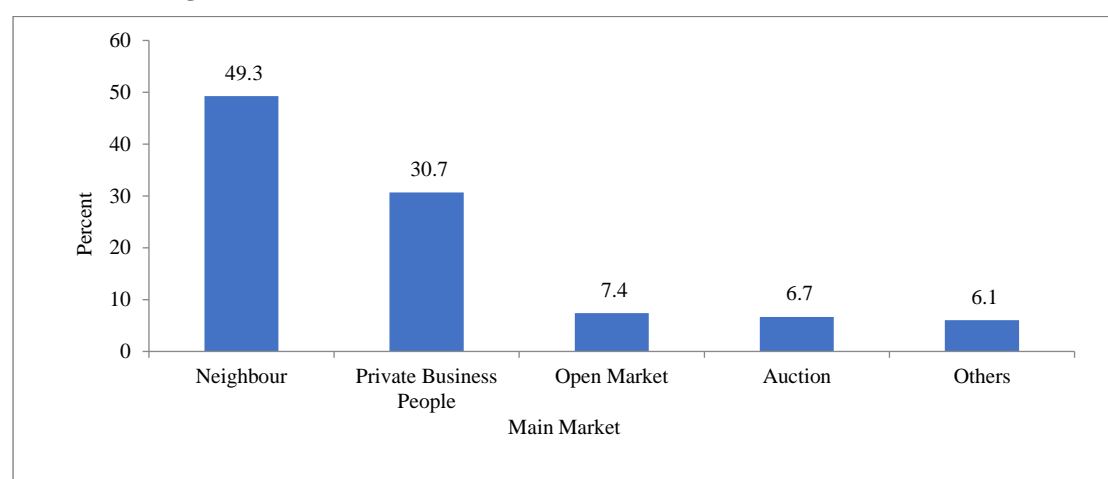
In Tanzania Zanzibar, Kusini Pemba was the only region reported to sell honey from stingless bees with the average price of TZS 21,209 per litre. For the case of sting bees, the average price of honey was TZS 16,856 per litre whereas Kaskazini Pemba region reported the highest price of TZS 20,000 per litre, while Kusini Pemba reported the lowest average price (13,483 TZS/litre) (Figure 4.82).

**Figure 4.82: The Average Price of Honey per Litre from Stingless and Sting Bees During 2019/20 Agricultural Year, Tanzania**



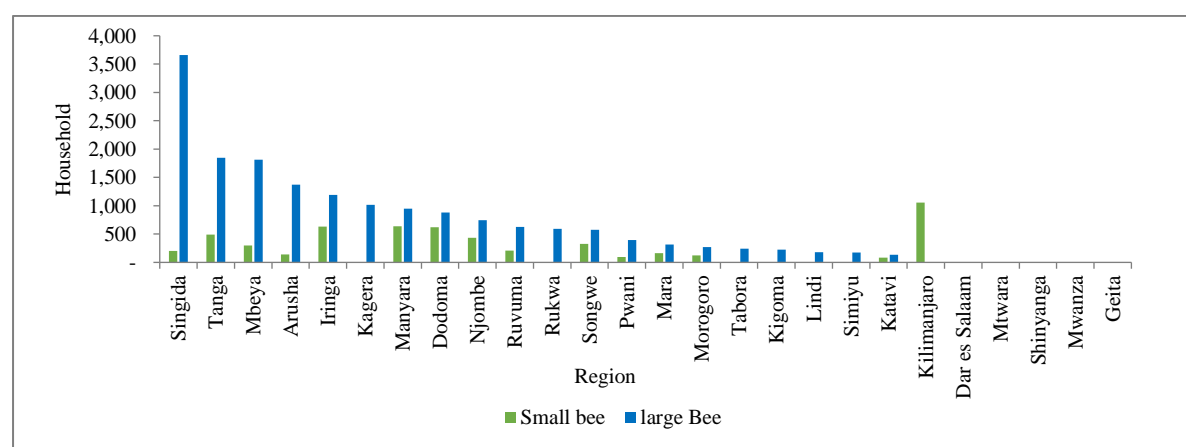
Furthermore, the census results reveal that, the majority of households in Mainland Tanzania reported neighbours (49.3 percent) as their main market for honey, followed by private business people (30.7 percent) and open market (7.4 percent). The least number of households (6.1 percent) reported other market as the main market for honey produced (Figure 4.83).

**Figure 4.83: Percentage of Households Reported the Main Markets of Honey During 2019/20 Agricultural Year, Mainland Tanzania**



The results show that, Kilimanjaro region had the largest number of households (1,054; 19.1 percent) that reported neighbours as the main market of honey from stingless bee, followed by Manyara (640; 11.6 percent) and Iringa (631; 11.4 percent), while the least number of households was reported in Katavi (83; 1.5 percent). However, for sting bees, Singida region had the largest number of households (3,659; 21.3 percent) that reported neighbours as the main market for honey, followed by Tanga (1,849; 10.7) and Mbeya (1,812; 10.5 percent), while the least number of households was reported in Katavi (134; 0.8 percent) (Figure 4.84).

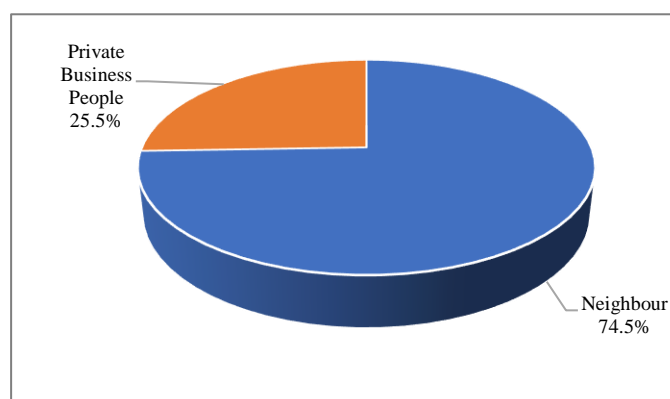
**Figure 4.84: Number of Households Reported Neighbours as the Main Market for Honey Sales by Region During 2019/20 Agricultural Year, Mainland Tanzania**





Likewise, in Tanzania Zanzibar, the majority of households reported neighbours (52.3 percent) and private business people (17.9 percent) as the main market for honey, while the households who did not sell were 29.8 percent (Figure 4.85).

**Figure 4.85: Percentage of Households Reported the Main Markets of Honey During 2019/20 Agricultural Year, Tanzania Zanzibar**



Furthermore, majority of households (101; 100 percent) in Kaskazini Pemba region reported selling to neighbours as the main market for honey by stingless bees. Similarly, selling to neighbours was also reported as the main market of honey produced by sting bees, whereby Kusini Pemba region had 335 households (64.1 percent) and 188 households (35.9 percent) were reported in Kaskazini Pemba.

## CHAPTER FIVE

### AGRICULTURAL CREDIT

#### 5.0 Introduction

In any agricultural development, farmers or agricultural household members need credits to support their agricultural activities. This can be done by borrowing money from different sources such as bank, individuals, cooperative societies, etc to acquire productive assets, land, machinery and/or any other input in production (fertilizer, seeds, agrochemicals, labor, etc). The major objective is to enhance agricultural operation and improve production of crops, livestock, fisheries and their products.

#### 5.1 Agricultural Households Reported to Borrow Money

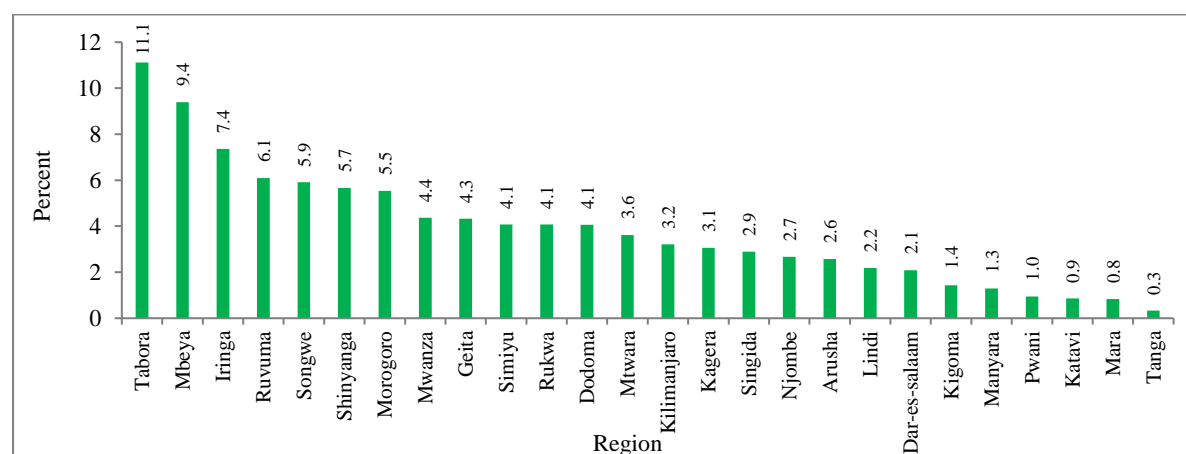
The census results show that, out of 7,837,405 agricultural households, 294,618 households (3.8 percent) reported their members borrowed money from different sources for agricultural activities. For the households that borrowed money for agricultural activities, a total of 291,035 households were in Mainland Tanzania, while 3,583 households were in Tanzania Zanzibar. Moreover, out of 294,618 households, 3,828 households received at most two credits (Table 5.1).

**Table 5.1: Number and Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities During 2019/20 Agricultural Year, Tanzania**

	Borrowed Money		Did Not Borrow		Total Households	
	Number of Households	Percent	Number of Households	Percent	Number	Percent
Mainland Tanzania	291,035	3.8	7,366,153	96.2	7,657,185	100.0
Tanzania Zanzibar	3,583	2.0	176,637	98.0	180,220	100.0
Tanzania	294,618	3.8	7,542,790	96.2	7,837,405	100.0

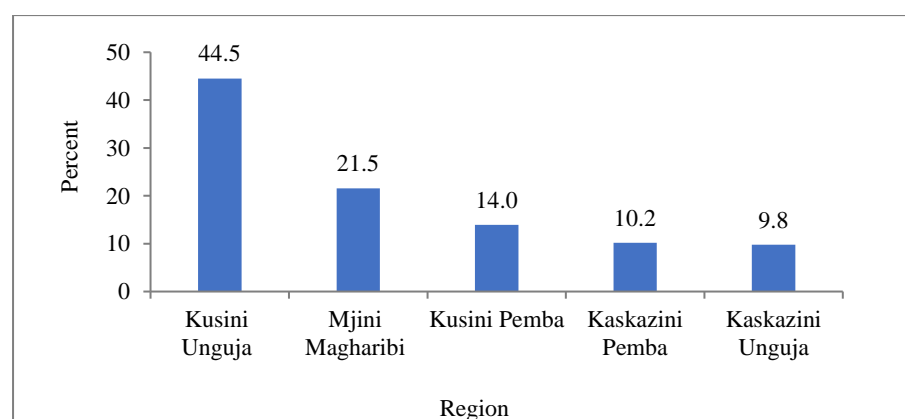
In Mainland Tanzania, Tabora region was leading with 32,359 households (11.1 percent) that borrowed money for agricultural activities, followed by Mbeya (27,328; 9.4 percent) and Iringa (21,409; 7.4 percent). Tanga region had the least proportional of households (957; 0.3 percent) (Figure 5.1).

**Figure 5.1: Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities During 2019/20 Agricultural Year, Mainland Tanzania**



In Tanzania Zanzibar, Kusini Unguja was the leading region having larger number of households reported to borrow money for agricultural activities (1,595; 44.5 percent), followed by Mjini Magharibi (772; 21.5 percent), whilst Kaskazini Unguja reported to have the lowest proportional of households (350; 9.8 percent) (Figure 5.2).

**Figure 5.2: Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities During 2019/20 Agricultural Year, Tanzania Zanzibar**



## 5.2 Agricultural Household Members Received Credit

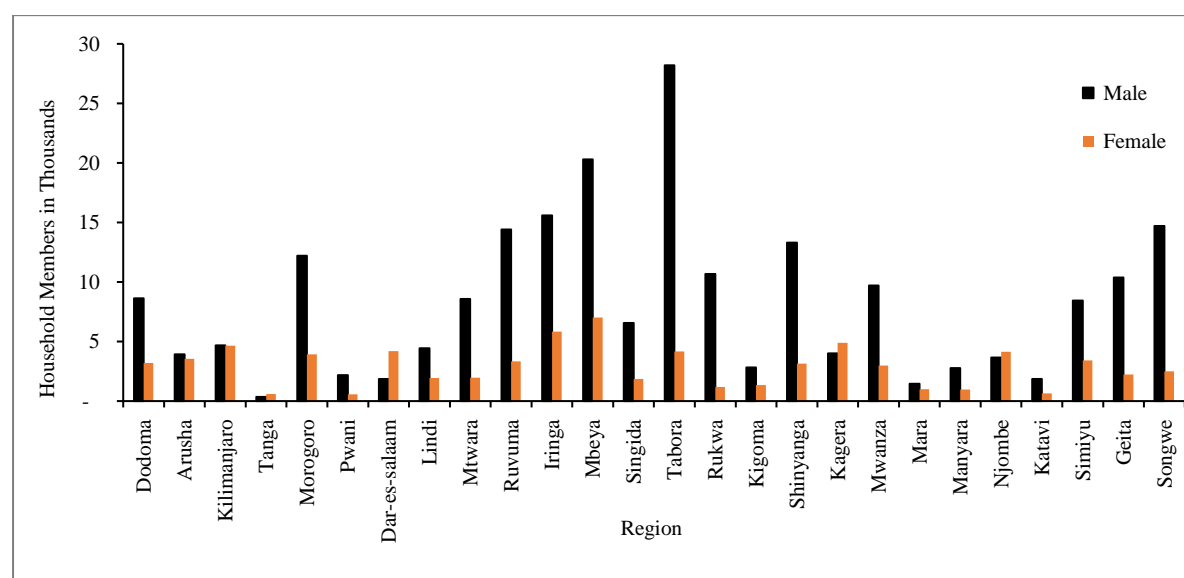
The census results show that, a total of 294,618 household members received credits from different sources during 2019/20 agricultural year in Tanzania, of which 217,403 members (73.8 percent) were males and 77,201 (26.2 percent) were females.

In Mainland Tanzania, a total of 291,022 household members received credits for agricultural activities, out of which 215,683 (74.1 percent) were males and 75,339 females (25.9 percent). Tabora region was leading with 32,357 household members (28,192 males and 4,165 female)

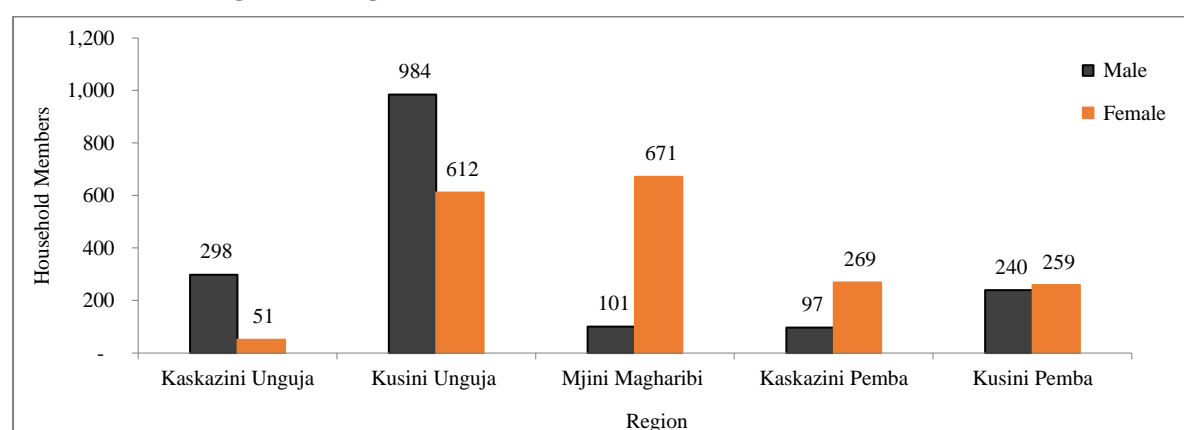
that received first credit, followed by Mbeya with 27,327 members (20,308 males and 7,019 females) and Iringa with 21,409 members (15,586 males and 5,823 females). Tanga region reported the smallest number, 957 members (352 males and 605 females) (Figure 5.3).

In Tanzania Zanzibar, a total of 3,582 household members reported to receive credits for agricultural activities, out of which majority were females (1,862; 52.0 percent) as compared to males (1,720; 48.0 percent). Moreover, Kusini Unguja region was leading with 1,596 members (984 males and 612 females) that received first credit for agricultural activities, followed by Mjini Magharibi having 772 members (101 males and 671 females), while Kaskazini Unguja had the least number, 349 members (males 298 and females 51) (Figure 5.4).

**Figure 5.3: Number of Agricultural Household Members Received First Credit by Sex and Region During 2019/20 Agricultural Year, Mainland Tanzania**



**Figure 5.4: Number of Agricultural Household Members Received First Credit by Sex and Region During 2019/20 Agricultural Year, Tanzania Zanzibar**



It should be well noted that, for all household members that received the second credit (i.e. more than one loan) for agricultural activities, there were amongst of the members that received first credit. Thus, a total of 3,828 household members equivalent to 1.3 percent reported to receive the second credit, of which males were 2,042 (53.3 percent) and females 1,786 (46.7 percent). In Mainland Tanzania, 3,674 household members (96.0 percent) borrowed the second credit, out of that, males were 1,981 (53.9 percent) and females 1,693 (46.1 percent). In Tanzania Zanzibar, a total of 154 household members (4.0 percent) received second credit, out of that, majority were females (93; 60.4 percent) as compared to males (61; 39.6 percent) (Table 5.2).

**Table 5.2: Number of Agricultural Household Members Received Second Credit by Sex During 2019/20 Agricultural Year, Tanzania**

Sex	Mainland Tanzania		Tanzania Zanzibar		Tanzania	
	Number	Percent	Number	Percent	Number	Percent
Male	1,981	53.9	61	39.6	2,042	53.3
Female	1,693	46.1	93	60.4	1,786	46.7
<b>Total</b>	<b>3,674</b>	<b>100.0</b>	<b>154</b>	<b>100.0</b>	<b>3,828</b>	<b>100.0</b>

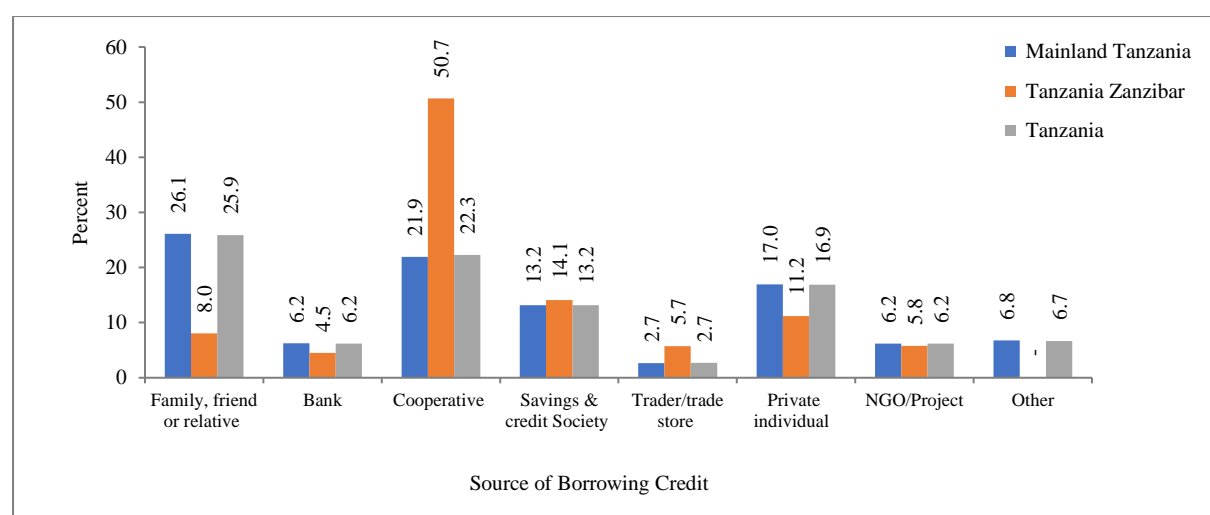
### 5.2.1 Source of Credits

During the 2019/20 agricultural year, sources of credit obtained by household members were categorized into family/friends/relative; bank, cooperatives, saving and credit societies, trade/trade store, private individual, NGO/project and other. Majority of household members received first credit from family/friends/relatives (76,214 members; 25.9 percent), out of them 63,059 were males and 13,155 females. That was followed by those who received first credit from cooperatives (65,601 members; 22.3 percent) whereby 53,543 were males and 12,058 females, and those received from private individual (49,765; 16.9 percent), whereby 39,461 were males and 10,304 females. However, there were few household members who received their first credit from trade/trade store (7,982 members; 2.7 percent), whereby 7,320 were males and 662 females.

In Mainland Tanzania, family/friends/relatives was reported as the main source of credit by majority of household members that obtained first credit (75,926; 26.1 percent) of which 62,771 were males and 13,155 females. On the other hand, trade/trade store was reported by few household members (7,777 members; 2.7 percent), of which 7,265 were males and 512 females (Figure 5.6).

In Tanzania Zanzibar, the main source of credit was cooperatives, which accounted for 50.7 percent of household members (1,815) obtained first credit, out of which, 581 were males and 1,234 females. Bank was recorded as the least source obtained by 161 household members (4.5 percent), of which 104 were males and 57 females (Figure 5.5).

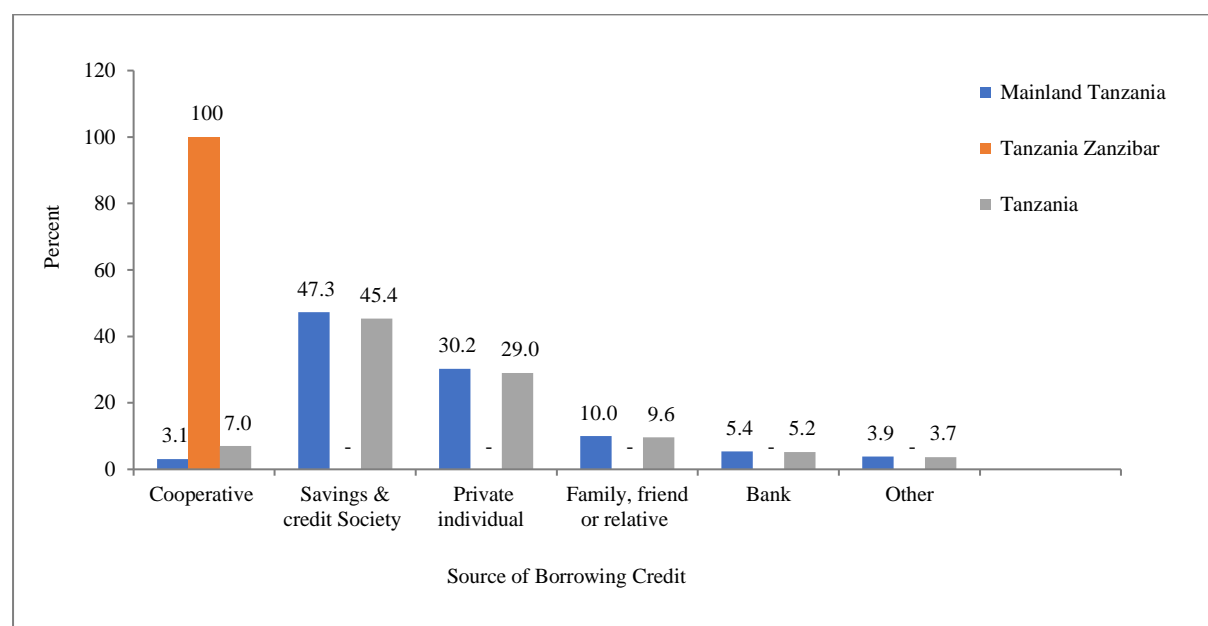
**Figure 5.5: Percentage of Agricultural Household Members Received First Credit by Source During 2019/20 Agricultural Year, Tanzania**



Similarly, 3,828 household members (2,042 males and 1,786 females) reported to receive the second credit during 2019/20 agricultural year in Tanzania. Majority of household members (1,739; 45.4 percent) obtained their credit from savings and credit societies, whereby 451 were males and 1,288 females. Only 3.7 percent of the household members (143 males only) received their second credit from “other sources” (Figure 5.6).

In Mainland Tanzania, majority of household members (1,739; 47.3 percent) reported to receive second credit from savings and credit societies, whereby 451 were males and 1,288 females, while few household members (114 males only) reported to borrow from cooperative (3.1 percent). In Tanzania Zanzibar, only 154 household members (61 males and 93 females) equivalent to 100 percent received second credit from cooperatives during 2019/20 agricultural year.

**Figure 5.6: Percentage of Agricultural Household Members Received Second Credit by Source During 2019/20 Agricultural Year, Tanzania**



### 5.2.2 Uses of Credits

In Tanzania, majority of household members (142,809; 23.1 percent) reported to spend credits in paying labour for agricultural activities, followed by 136,650 members (22.1 percent) who spent in seeds and 125,505 members (20.3 percent) who spent in fertilizers. Nevertheless, few household members (268; 0.04 percent) spent their credit for fish farming activities.

In Mainland Tanzania, majority of household members (140,743; 23.1 percent) reported to spend credits in paying labour for agricultural activities. Tabora region had the highest number (12,012 members; 8.5 percent) as compared to other regions, while, Tanga region had the least (801 members; 0.6 percent). A total of 134,669 household members (22.8 percent) reported to spend their credits in seeds, of which, Tabora region had the highest number (20,057 members; 14.9 percent), while Tanga region had least members (526; 0.4 percent). Furthermore, 124,025 household members (20.4 percent) reported to spend credits on fertilizer, of which, Mbeya region had the highest number (20,833 members; 16.8 percent), while Tanga region had least members (156; 0.1 percent).

In Tanzania Zanzibar, majority of household members (2,066; 20.8 percent) reported to spend credits in paying labour for agricultural activities. Kusini Unguja region had the highest number (1,052 members; 50.9 percent) as compared to other regions, while, Kaskazini Unguja region had the least (147 members; 7.1 percent). A total of 1,981 household members (19.9 percent) reported to spend their credits in seeds, of which, Kusini Unguja region had the highest number

(712 members; 35.9 percent), while Kusini Pemba region had least members (101; 5.1 percent). Furthermore, 1,873 household members (18.8 percent) reported to spend credits on agro chemicals, of which Kusini Unguja region had the highest number (604 members; 32.2 percent), while Kaskazini Pemba region had least members (97; 5.2 percent) (Table 5.3).

**Table 5.3 Percentage of Agricultural Household Members Reported the Use of Credit by Region During 2019/20 Agricultural Year, Tanzania**

Region	Use of First Credit									
	Labour	Seeds	Fertilizers	Agro-chemicals	Tools/Equipment	Irrigation Structures	Fish Farming	Bee keeping	Livestock	Other
Dodoma	3.2	3.8	-	0.6	12.6	-	-	-	5.7	5.5
Arusha	3.9	3.7	1.8	2.7	4.3	13.5	-	-	9.0	2.1
Kilimanjaro	4.4	4.8	4.8	3.9	3.4	1.8	-	-	2.6	4.9
Tanga	0.6	0.4	0.1	0.1	-	-	-	-	1.3	0.6
Morogoro	7.9	3.9	2.7	8.0	9.3	1.3	-	100.0	1.0	6.6
Pwani	1.5	1.2	1.2	2.1	2.6	4.8	-	-	-	0.8
Dar-es-salaam	2.4	2.9	2.3	3.3	2.4	8.5	-	-	13.0	-
Lindi	1.4	0.8	0.8	5.0	0.7	-	-	-	-	2.4
Mtwara	2.3	0.7	1.1	8.3	5.1	-	-	-	-	2.0
Ruvuma	4.3	3.6	12.3	4.8	6.3	5.2	-	-	4.9	3.2
Iringa	6.1	7.8	13.2	7.8	7.3	24.1	-	-	3.0	6.2
Mbeya	7.9	6.8	16.8	9.5	12.5	16.2	-	-	3.0	6.8
Singida	3.1	3.9	2.1	1.7	1.8	-	-	-	11.1	5.2
Tabora	8.5	14.9	14.9	16	4.2	15.4	-	-	-	14.1
Rukwa	5.1	1.8	2.4	2.0	1.3	1.1	100.0	-	2.4	8.1
Kigoma	2.0	1.1	2.0	0.4	1.0	-	-	-	-	1.4
Shinyanga	6.7	6.3	2.8	3.5	1.6	-	-	-	-	4.2
Kagera	3.8	5.0	1.5	2.3	4.6	-	-	-	22.0	0.8
Mwanza	4.1	5.3	1.5	3.6	5.2	2.5	-	-	7.3	10.6
Mara	1.4	0.7	0.3	0.5	1.4	-	-	-	1.1	1.2
Manyara	1.6	1.9	0.2	0.9	1.3	-	-	-	2.7	1.1
Njombe	1.6	3.2	5.6	1.7	0.8	1.2	-	-	-	0.7
Katavi	1.4	0.9	0.7	0.9	-	-	-	-	0.8	0.8
Simiyu	3.7	5.5	1.4	3.9	1.7	2.2	-	-	1.4	5.3
Geita	4.5	5.6	1.0	4.2	3.8	-	-	-	-	2.4
Songwe	6.6	3.4	6.8	2.4	4.8	2.1	-	-	7.8	3.1
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini-Unguja	7.1	12.5	20.2	18.7	-	18.0	-	-	-	6.3
Kusini Unguja	50.9	35.9	34.4	32.2	26.5	39.7	100.0	100.0	15.9	81.3
Mjini Magharibi	14.0	34.0	22.6	31.0	48.4	42.2	-	-	84.1	12.4
Kaskazini Pemba	10.5	12.5	6.6	5.2	25.0	-	-	-	-	-
Kusini Pemba	17.5	5.1	16.3	12.9	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>



### 5.2.3 Value of Credits

In Tanzania, smallholder farmers reported to receive a total credit of Tanzania Shillings 200.7 billion for their agricultural activities during 2019/20 agricultural year, with the repayment value of TZS 284.0 billion equivalent to an increment of 41.5 percent of credit value. Out of total credits, TZS 199.1 billion was credited in Mainland Tanzania with the repayment value of TZS 281.2 billion, while, TZS 1.6 billion was credited in Tanzania Zanzibar with the repayment of TZS 2.8 billion.

At National level, banks were reported as the main source that credited a large amount (TZS 69.5 billion; 34.6 percent) for agricultural activities with the repayment of TZS 104.4 billion (36.8 percent). On the other hand, trade/trade store was reported as the minor source that credited TZS 4.3 billion (2.1 percent, of the total credits) with the repayment of TZS 4.9 billion (1.7 percent).

In Mainland Tanzania, the results show that, smallholder farmers in Mbeya region reported the highest number of credits with a total value of TZS 42.7 billion (21.5 percent), with the repayment of TZS 54.9 billion (19.5 percent), of which bank was the main source (52.2 percent). It was followed by Tabora region which received credits of TZS 33.0 billion (16.7 percent) with the repayment of TZS 40.7 billion (14.5 percent), of which cooperative was the main source (46.7 percent) and Kilimanjaro region with a total credit of TZS 14.8 billion (7.5 percent) with the repayment of TZS 25.2 billion, whereby savings and credit societies was the main source (51.3 percent). On the contrary, Tanga region reported the least credit value (TZS 0.21 billion; 0.1 percent) that led to the repayment of TZS 0.23 billion and the main source of credit was savings and credit societies (46.8 percent).

In Tanzania Zanzibar, smallholder farmers in Kusini Unguja region reported the highest amount of credits (TZS 690.5 million; 44.2 percent) with the repayment of TZS 1.7 billion, of which cooperative was the main source (40.9 percent). It was followed by, Mjini Magharibi region (TZS 521.8 million; 33.4 percent) with the repayment of Tshs 693.7 million of which cooperative was the main source (66.2 percent). Conversely, Kaskazini Pemba region reported small amount credited (TZS 58.9 million; 3.8 percent) with the repayment value of (TZS 58.9 million) of which NGO was the main source (82.2 percent) (Table 5.4).

**Table 5.4: Value and Percentage of Credits and Repayments by Region During 2019/20 Agricultural Year, Tanzania**

Region	Value of Credit		Value of Repayment	
	Total (TZS)	Percent	Total (TZS)	Percent
Dodoma	3,252,963,701	1.6	4,842,378,760	1.7
Arusha	9,089,286,062	4.6	18,170,203,277	6.5
Kilimanjaro	14,838,366,585	7.5	25,188,926,888	9.0
Tanga	206,354,676	0.1	232,230,720	0.1
Morogoro	5,285,159,167	2.7	6,769,635,803	2.4
Pwani	2,113,044,593	1.1	2,484,954,186	0.9
Dar-es-salaam	11,519,801,067	5.8	12,857,871,818	4.6
Lindi	2,791,354,322	1.4	13,671,608,078	4.9
Mtwara	13,017,142,868	6.6	17,463,456,246	6.2
Ruvuma	6,603,701,346	3.3	8,836,792,026	3.1
Iringa	11,294,124,120	5.7	12,787,642,183	4.5
Mbeya	42,693,605,827	21.5	54,970,173,511	19.5
Singida	4,269,979,569	2.2	6,364,175,885	2.3
Tabora	33,000,820,863	16.7	40,704,624,336	14.5
Rukwa	5,532,381,348	2.8	9,971,070,939	3.5
Kigoma	762,519,511	0.4	815,534,311	0.3
Shinyanga	5,626,084,599	2.8	10,613,990,937	3.8
Kagera	4,789,347,737	2.4	5,227,601,602	1.9
Mwanza	2,472,788,431	1.2	3,082,262,132	1.1
Mara	756,809,017	0.4	1,013,075,830	0.4
Manyara	4,482,520,116	2.3	5,245,027,931	1.9
Njombe	2,007,586,952	1.0	2,409,329,298	0.9
Katavi	1,407,693,419	0.7	1,689,914,321	0.6
Simiyu	1,563,646,381	0.8	2,336,916,728	0.8
Geita	2,581,032,656	1.3	4,123,088,373	1.5
Songwe	7,162,937,581	3.6	9,348,385,849	3.3
<b>Mainland Tanzania</b>	<b>199,121,052,514</b>	<b>100.0</b>	<b>281,220,871,968</b>	<b>100.0</b>
Kaskazini Unguja	123,976,795	7.9	123,976,795	4.4
Kusini Unguja	690,459,736	44.2	1,728,332,347	61.9
Mjini Magharibi	521,759,366	33.4	693,699,445	24.8
Kaskazini Pemba	58,930,208	3.8	58,930,208	2.1
Kusini Pemba	166,808,105	10.7	187,723,105	6.7
<b>Tanzania Zanzibar</b>	<b>1,561,934,210</b>	<b>100.0</b>	<b>2,792,661,900</b>	<b>100.0</b>
<b>Tanzania</b>	<b>200,682,986,724</b>		<b>284,013,533,868</b>	

#### **5.2.4 Main Reason for Not Borrowing Credit**

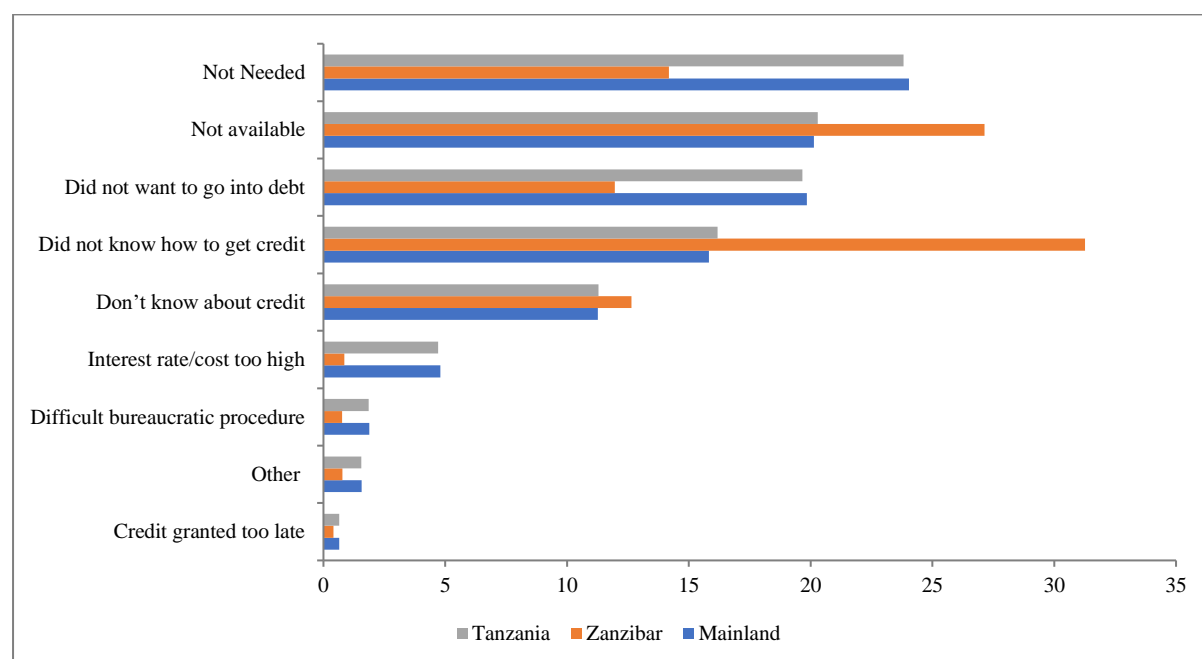
The census results show that, out of total 7,837,405 agricultural households whose members reported to engage in agricultural activities during 2019/20 agricultural year 7,542,787 members (96.2 percent) reported not to borrow money from different sources in Tanzania. Out of 7,542,787 a total of 7,366,149 members reported not to borrow money for agricultural activities in Mainland Tanzania, whilst 176,638 members was in Tanzania Zanzibar.

Results further show that, amongst 1,795,943 household members (23.8 percent) reported “did not need” credits for their agricultural activities. This was followed by 1,530,795 members (20.3 percent) who reported that “credits were not available” and 1,483,157 members (19.7 percent) who reported that “did not want to go into debt”. Additionally, minority of household members (48,704; 0.6 percent) reported that “credit granted too late” as their main reason of not applying for credits.

In Mainland Tanzania, majority of household members (1,770,883 members; 24.0 percent) reported “not needed” credits for their agricultural activities. This was followed by members who reported “not available” (1,482,850; 20.1 percent) and “did not want to go into debt” (1,462,033; 19.9 percent). Additionally, few household members (47,990; 0.7 percent) reported that “credit granted too late” as their main reason of not borrowing credits.

In Tanzania Zanzibar, majority of household members (55,231 members; 31.3 percent) reported “did not know how to get credit” for their agricultural activities. This was followed by 47,945 members (27.1 percent) who reported “credits not available” and 25,060 members (14.2 percent) reported “did not need credits”. Additionally, few household members (714; 0.4 percent) reported that “credit granted too late” as their main reason of not borrowing credits (Figure 5.7).

**Figure 5.7: Percentage of Agricultural Households Reported Main Reason for Not Borrowing Credit During the 2019/20 Agricultural Year, Tanzania**



### 5.3 Agricultural Constraints

In Tanzania, during the 2019/20 agricultural year, climate change was the major constraint reported by majority of households (1,326,432; 18.0 percent). This was followed by cost of inputs (1,152,368 households; 15.6 percent), access to land (998,362; 13.5 percent), low prices of agricultural produce (532,619; 7.2 percent), and pest and diseases (495,102 households; 6.7 percent (Table 5.5).

Similar trend was observed in Mainland Tanzania regarding the most reported constraints by households that affected agricultural activities during 2019/20 agricultural year. The results show that, climate change with 1,318,550 households (18.3 percent) was mostly reported, followed by cost of inputs (1,141,152; 15.8 percent), access to land (978,589; 13.6 percent), low prices of agricultural produce (530,068; 7.4 percent) and; pests and diseases (476,974; 6.6 percent) (Table 5.5).

In Tanzania Zanzibar, crop theft with 34,360 households (20.8 percent) was the major constraint that affected agricultural activities reported by households, followed by access to land (19,773; 12.0 percent), crop destructive by wild animals (18,207; 11.0 percent), pests and diseases (18,128; 11.0 percent) and cost of inputs (11,216; 6.8 percent) (Table 5.5).

**Table 5.5: Number and Percentage of Agricultural Households Reported Major Constraints During 2019/20 Agricultural Year, Tanzania**

Constraint	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Access to land	998,362	13.5	978,589	13.6	19,773	12.0
Land ownership	308,369	4.2	300,361	4.2	8,008	4.9
Soil fertility	393,573	5.3	385,477	5.3	8,096	4.9
Availability of quality seeds	286,893	3.9	283,238	3.9	3,655	2.2
Irrigation equipments	39,773	0.5	38,066	0.5	1,707	1.0
Availability of agro chemicals	99,447	1.3	97,748	1.4	1,700	1.0
Availability of veterinary drugs	62,300	0.8	61,208	0.8	1,092	0.7
Cost of inputs	1,152,368	15.6	1,141,152	15.8	11,216	6.8
Extension services	231,899	3.1	228,118	3.2	3,782	2.3
Availability of forest products	2,507	0.0	2,367	0.0	139	0.1
Access to credit	189,645	2.6	186,769	2.6	2,876	1.7
Harvesting	34,423	0.5	34,036	0.5	387	0.2
Threshing/dehulling	1,986	0.0	1,986	0.0	-	-
Crop storage	6,130	0.1	6,086	0.1	43	0.0
Agro processing	1,874	0.0	1,874	0.0	-	-
Access to market and marketing information	102,912	1.4	102,520	1.4	392	0.2
Transportation costs	46,788	0.6	46,302	0.6	486	0.3
Distraction by wild animals	262,307	3.6	244,100	3.4	18,207	11.0
Crop theft	89,677	1.2	55,316	0.8	34,360	20.8
Livestock theft	25,381	0.3	17,037	0.2	8,344	5.1
Pests and diseases	495,102	6.7	476,974	6.6	18,128	11.0
Cess	10,059	0.1	10,002	0.1	57	0.0
Off-farm Income	53,199	0.7	52,617	0.7	582	0.4
Conflicts between farmers and livestock keepers	50,496	0.7	49,255	0.7	1,241	0.8
Climate change (drought, floods, etc)	1,326,432	18.0	1,318,550	18.3	7,882	4.8
Availability of inputs	256,324	3.5	250,356	3.5	5,968	3.6
Availability of Industrial agrochemicals	61,518	0.8	60,689	0.8	830	0.5
Acess to water for agricultural activities	17,366	0.2	15,702	0.2	1,664	1.0
Low prices of agricultural produces	532,619	7.2	530,068	7.4	2,552	1.5
Cost of land ownership	31,214	0.4	31,088	0.4	126	0.1
Governmental policies laws regulations and guidelines	17,349	0.2	17,349	0.2	-	-
Availability of quality pasture and animal feeds	19,807	0.3	19,434	0.3	373	0.2
Access to water for domestic use	68,749	0.9	68,415	0.9	334	0.2
Lack of capitals/money	18,789	0.3	18,789	0.3	-	-
Lack /poor infrastructure	1,930	0.0	1,930	0.0	-	-
Other	74,469	1.0	73,362	1.0	1,106	0.7
<b>Total</b>	<b>7,372,036</b>	<b>100.0</b>	<b>7,206,930</b>	<b>100.0</b>	<b>165,106</b>	<b>100.0</b>

## CHAPTER SIX

### POVERTY INDICATORS

#### 6.0 Introduction

Housing characteristics, water and sanitation can be used as indicators of poverty and socio-economic status of the households. This chapter describes type of material used for roofing, wall and floor; toilet facility, sources of drinking water, energy for cooking and lighting used by households.

#### 6.1 Roofing Materials

The census results show that, out of 7,837,405 agricultural households in Tanzania, majority of households (6,404,329; 81.7 percent) used iron sheet for roofing, followed by those used grass/leaves (1,130,136; 14.4 percent). Material that was used by the least number of households was concrete (8,843; 0.1 percent) (Table 6.1).

**Table 6.1: Number and Percentage of Households by Type of Roofing Material During 2019/20 Agricultural Year, Tanzania**

Roof Material	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Iron Sheets	6,404,325	81.7	6,246,398	81.6	157,927	87.6
Tiles	27,558	0.4	27,373	0.4	185	0.1
Concrete	8,843	0.1	8,843	0.1	-	-
Asbestos	9,186	0.1	8,916	0.1	270	0.1
Grass/leaves	1,130,136	14.4	1,108,599	14.5	21,537	12.0
Grass & mud	232,851	3.0	232,550	3.0	301	0.2
Other	24,508	0.3	24,508	0.3	-	-
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, out of 7,657,185 agricultural households, majority of households (6,246,398; 81.6 percent) used iron sheet for roofing, followed by those used grass/leaves (1,108,597; 14.5 percent) and grass and mud (232,550; 3.0 percent). Concrete was used by few households (8,843; 0.1 percent). Kagera region had the largest number of households reported to use iron sheet (433,905; 6.9 percent), followed by Dodoma region (411,904; 6.6 percent) and Dar es Salaam (397,931; 6.4 percent). Katavi region reported the least number of households using iron sheet (61,760; 1.0 percent) (Table 6.1 & 6.2).

In Tanzania Zanzibar, majority of households (157,927; 87.6 percent) used iron sheet for roofing, followed by those used grass/leaves (21,537; 12.0 percent) and grass and mud (301; 0.2 percent). Tiles were used by the least number of households (185; 0.1 percent). Kusini Pemba region had the largest number of households (50,545; 32.0 percent) reported to use iron sheet, followed by Mjini Magharibi region (33,106; 21.0 percent) and the least number of households was reported in Kusini Unguja (15,762; 10.0 percent) (Table 6.1 & 6.2).

Compared to 2007/08 agricultural census, there was an increase of households using iron sheet for roofing from 49.1 percent in 2007/08 to 81.7 percent in 2019/20 and a notable decrease of households using grass/leaves from 38.1 percent in 2007/08 to 14.4 percent in 2019/20 agricultural year. Similar pattern was observed in households using grass and mud for roofing, the number has decreased from 10.6 percent in 2007/08 to 3.0 percent in 2019/20 agricultural year.

**Table 6.2: Percentage of Households Reported Materials Used for Roof Construction by Region During 2019/20 Agricultural Year, Tanzania**

Region	Roof Material						
	Iron Sheets	Tiles	Concrete	Asbestos	Grass/Leaves	Grass & mud	Other
Dodoma	6.6	5.8	4.1	2.5	2.6	25.6	30.1
Arusha	2.4	-	-	6.3	4.2	9.0	-
Kilimanjaro	4.6	2.3	-	-	0.6	0.4	1.6
Tanga	4.5	10.3	-	8.6	5.4	0.6	22.3
Morogoro	5.4	3.1	-	15.7	6.1	2.5	2.2
Pwani	2.7	2.9	-	-	4.1	0.8	2.2
Dar-es-salaam	6.4	23.6	92.5	-	0.2	-	-
Lindi	2.5	1.0	-	-	6.5	1.3	1.0
Mtwara	3.6	4.1	-	3.8	6.2	5.2	-
Ruvuma	4.2	-	-	-	5.3	3.0	2.0
Iringa	2.8	5.5	-	2.7	2.5	1.4	-
Mbeya	5.5	1.5	-	15.2	2.7	2.1	1.0
Singida	3.4	3.7	-	-	1.5	15.3	19.6
Tabora	3.7	-	-	4.6	11.5	4.9	5.1
Rukwa	2.6	1.6	-	-	4.1	4.0	-
Kigoma	4.6	6.2	-	-	5.2	1.0	2.7
Shinyanga	2.3	0.4	3.4	10.2	4.0	5.4	3.9
Kagera	6.9	3.8	-	6.9	3.7	2.1	3.8
Mwanza	5.5	5.6	-	12.2	4.9	1.4	-
Mara	3.0	-	-	4.0	4.0	1.4	0.2
Manyara	3.1	11.6	-	1.3	5.2	8.6	1.8
Njombe	2.5	1.1	-	-	0.4	0.3	-
Katavi	1.0	0.6	-	0.7	1.3	0.3	0.3
Simiyu	2.6	2.8	-	5.5	1.2	2.7	-
Geita	3.9	1.2	-	-	2.4	0.2	-
Songwe	3.7	1.2	-	-	4.4	0.4	-
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	18.9	41.6	-	-	7.7	-	-
Kusini Unguja	10.0	58.4	-	100.0	6.7	-	-
Mjini Magharibi	21.0	-	-	-	11.5	100.0	-
Kaskazini Pemba	18.1	-	-	-	56.3	-	-
Kusini Pemba	32.0	-	-	-	17.8	-	-
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>

## 6.2 Floor Materials

The census results show that, out of 7,837,405 agricultural households in Tanzania, majority of households (4,662,235; 59.5 percent) used earth/sand as the material for floor, followed by those used cement (2,838,249; 36.2 percent) and ceramic tiles/terrazzo (204,989; 2.6 percent). Vinyl/asphalt strips was used by the least number of households (12,267; 0.2 percent) (Table 6.3).

**Table 6.3: Number and Percentage of Households by Type of Floor Material During 2019/20 Agricultural Year, Tanzania**

Floor Material	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Earth/sand	4,662,235	59.5	4,611,343	60.2	50,892	28.2
Wood planks, bamboo, palm	42,354	0.5	42,354	0.6	-	-
Parquet/polished wood	24,482	0.3	24,482	0.3	-	-
Vinyl/asphalt strips	12,267	0.2	12,267	0.2	-	-
Ceramic tiles/terrazzo	204,989	2.6	202,027	2.6	2,962	1.6
Cement	2,838,249	36.2	2,711,885	35.4	126,364	70.1
Other	52,828	0.7	52,828	0.7	-	-
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, out of 7,657,185 agricultural households, majority of households (4,611,343; 60.2 percent) used earth/sand as the material for floor, followed by those used cement (2,711,885; 35.4 percent) and ceramic tiles/terrazzo (202,027; 2.6 percent). Vinyl/asphalt strips were used by few households (12,267; 0.2 percent). Among the households using earth/sand, Dodoma region had the largest number of households (379,910; 8.2 percent) reported to use earth/sand as the material for floor, followed by Kagera (351,782; 7.6 percent) and Kigoma (281,218; 6.1 percent). Dar es Salaam region reported the least number of households (22,215; 0.5 percent) (Table 6.3 & 6.4).

In Tanzania Zanzibar, only three floor materials were used, these were earth/sand, cement and ceramic tiles/terrazzo. Out of total 180,220 agricultural households, majority of households (126,364; 70.1 percent) used cement for flooring, followed by those used earth/sand (50,892; 28.2 percent), while ceramic tiles/terrazzo were used by the least number of households (2,962; 1.6 percent). Among the households using cement, Kusini Pemba region had the largest number of households (34,568; 27.4 percent) reported to use cement for floor, followed by Mjini Magharibi (28,912; 22.9 percent) and the least number of households was reported in Kusini Unguja (14,349; 11.4 percent) (Table 6.3 & 6.4).



Comparatively, the use of earth/sand for floor in Tanzania has decreased from 81.8 percent in 2007/08 to 59.5 percent in 2019/20 agricultural years. Moreover, the use of cement as the flooring material has increased from 15.6 percent in 2007/08 to 36.2 percent in 2019/20 agricultural year.

**Table 6.4: Percentage of Households Reported Materials Used for Floor Construction by Region During 2019/20 Agricultural Year, Tanzania**

Region	Floor Material						
	Earth, Sand	Wood planks, Bamboo, Palm	Parquet/ Polished Wood	Vinyl/ Asphalt Strips	Ceramic Tiles, Terrazzo	Cement	Other
Dodoma	8.2	5.0	0.80	6.6	3.1	4.4	0.6
Arusha	3.1	9.4	1.84	4.3	4.3	2.3	-
Kilimanjaro	2.3	1.2	4.08	-	10.7	6.0	0.3
Tanga	5.1	8.4	0.68	-	4.0	3.8	3.8
Morogoro	5.2	2.7	1.15	4.2	1.9	5.9	16.1
Pwani	2.4	4.8	7.94	-	5.1	3.5	0.2
Dar-es-salaam	0.5	-	-	-	37.8	11.6	3.4
Lindi	3.7	4.2	-	-	0.6	2.1	1.0
Mtwara	4.3	1.3	2.29	2.0	1.4	3.8	-
Ruvuma	4.7	1.9	4.35	-	0.7	4.0	5.8
Iringa	2.1	2.5	-	-	2.3	3.9	4.6
Mbeya	3.5	0.9	8.05	79.6	4.1	7.4	0.8
Singida	3.8	1.4	0.81	-	1.5	2.4	49.3
Tabora	5.6	1.7	9.33	-	1.5	3.9	-
Rukwa	2.8	0.8	-	-	0.5	3.2	-
Kigoma	6.1	2.9	5.46	-	3.2	2.1	1.2
Shinyanga	3.1	1.6	3.09	-	0.8	2.1	0.3
Kagera	7.6	9.3	-	-	4.2	4.2	7.6
Mwanza	5.2	4.4	3.22	-	4.5	5.6	1.1
Mara	3.4	1.7	2.51	-	1.8	2.7	0.1
Manyara	4.4	4.6	22.98	-	3.0	2.1	0.4
Njombe	1.6	0.8	1.26	3.3	0.8	3.1	-
Katavi	1.1	-	-	-	0.4	0.9	1.4
Simiyu	3.1	0.7	8.44	-	0.5	1.2	2.2
Geita	3.7	4.4	-	-	0.8	3.4	-
Songwe	3.3	23.6	11.74	-	0.6	4.3	-
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.00</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	15.5	-	-	-	7.2	18.6	-
Kusini Unguja	4.8	-	-	-	27.7	11.4	-
Mjini Magharibi	11.2	-	-	-	41.8	22.9	-
Kaskazini Pemba	30.3	-	-	-	11.3	19.8	-
Kusini Pemba	38.2	-	-	-	12.0	27.4	-
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>

### 6.3 Wall Materials

The census results show that, out of 7,837,405 agricultural households in Tanzania, majority of households (3,228,627; 41.2 percent) used baked bricks, followed by those used sun dried bricks (1,793,347; 22.9 percent) and poles and mud (1,633,146; 20.8 percent). Grass was used by the least number of households (16,538; 0.2 percent) (Table 6.5).

**Table 6.5: Number and Percentage of Households by Type of Wall Material During 2019/20 Agricultural Year, Tanzania**

Wall Material	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Grass	16,538	0.2	16,338	0.2	200	0.1
Poles and mud	1,633,146	20.8	1,573,677	20.6	59,469	33.0
Sun dried bricks	1,793,347	22.9	1,776,008	23.2	17,339	9.6
Baked bricks	3,228,627	41.2	3,228,280	42.2	347	0.2
Wood timber	45,874	0.6	45,874	0.6	-	-
Cement blocks	950,860	12.1	886,204	11.6	64,656	35.9
Stones	28,511	0.4	10,498	0.1	18,013	10.0
Brick stones	43,750	0.6	23,937	0.3	19,813	11.0
Other	96,754	1.2	96,372	1.3	382	0.2
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, out of 7,657,185 agricultural households, majority of households (3,228,280; 42.2 percent) used baked bricks, followed by those used sun dried bricks (1,776,008; 23.2 percent), and poles and mud (1,573,677; 20.6 percent). Stones were used by least number of households (10,498 0.1 percent). Ruvuma region had the largest number of households who reported to use baked bricks (294,180; 9.1 percent), followed by Morogoro (283,572; 8.8 percent) and Kigoma (274,997; 8.5 percent). Dar es Salaam region reported the least number of households (4,559; 0.1 percent) (Table 6.5 & 6.6).

In Tanzania Zanzibar, out of 180,220 agricultural households, majority of households (64,656; 35.9 percent) used cement blocks for walling, followed by those used poles and mud (59,469; 33.0 percent) and brick stones (19,813; 11.0 percent). Grass was used by the least number of households (200; 0.1 percent). Kaskazini Unguja region had the largest number of households (25,430; 39.3 percent) reported to used cement blocks, followed by Mjini Magharibi region (16,886; 26.1 percent) and the least number of households was reported in Kusini Unguja (6,928; 10.7 percent) (Table 6.5 & 6.6).

**Table 6.6: Percentage of Agricultural Households Reported Materials Used for Wall Construction by Region During 2019/20 Agricultural Year, Tanzania**

Region	Wall Material								
	Grass	Poles and Mud	Sun-Dried Bricks	Baked Bricks	Wood, Timber	Cement Blocks	Stones	Brick Stones	Other
Dodoma	14.0	5.6	9.0	5.8	-	3.9	-	3.1	38.4
Arusha	5.4	8.6	0.3	0.8	9.5	5.1	1.3	5.2	2.0
Kilimanjaro	-	2.6	0.8	2.9	70.4	10.8	9.4	37.7	5.2
Tanga	-	12.6	1.4	2.9	0.5	3.7	7.8	1.5	2.4
Morogoro	3.5	5.4	0.7	8.8	0.9	2.7	1.9	5.9	4.7
Pwani	9.1	8.1	0.1	0.3	0.7	8.5	3.7	-	2.2
Dar-es-salaam	-	1.1	4.2	0.1	-	34.9	29.5	14.8	1.9
Lindi	4.3	7.2	1.7	2.3	-	1.1	12.8	1.7	0.6
Mtwara	1.5	7.0	5.1	2.1	-	3.9	9.2	1.0	0.6
Ruvuma	4.6	0.8	1.1	9.1	4.4	0.3	-	3.0	0.4
Iringa	2.7	2.2	2.7	2.9	-	0.4	-	1.1	30.1
Mbeya	3.4	1.0	7.8	6.6	0.6	1.1	2.2	4.9	1.7
Singida	-	2.3	8.3	1.8	0.4	3.2	-	-	0.8
Tabora	1.6	2.9	11.7	3.1	-	1.7	-	1.3	2.0
Rukwa	2.5	0.1	1.5	5.9	0.9	0.0	1.9	-	0.2
Kigoma	3.7	1.6	2.5	8.5	1.3	0.2	3.7	-	1.0
Shinyanga	1.0	1.3	8.0	0.8	-	1.5	-	1.7	0.8
Kagera	15.2	14.5	3.7	5.1	1.0	2.4	-	1.1	1.6
Mwanza	6.0	1.3	10.1	4.1	4.7	7.5	5.3	8.8	2.5
Mara	1.4	3.4	2.8	3.4	-	2.2	5.8	-	0.1
Manyara	6.0	8.7	0.7	3.3	3.0	1.4	1.8	0.4	0.5
Njombe	1.4	0.1	0.4	4.6	0.3	0.2	-	0.9	-
Katavi	3.7	0.2	0.3	2.1	0.2	0.0	-	-	0.3
Simiyu	-	0.2	7.4	0.7	-	2.8	-	1.3	-
Geita	4.0	1.0	5.4	4.7	0.5	0.6	3.6	-	-
Songwe	5.0	0.2	2.4	7.2	0.6	0.1	-	4.4	-
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	65.0	5.4	0.8	-	-	39.3	7.3	6.9	-
Kusini Unguja	35.0	3.7	16.6	-	-	10.7	28.3	0.3	88.2
Mjini Magharibi	-	7.2	81.0	51.6	-	26.1	0.8	1.5	11.8
Kaskazini Pemba	-	28.4	0.7	48.4	-	11.9	54.5	30.7	-
<b>Kusini Pemba</b>	<b>-</b>	<b>55.3</b>	<b>0.9</b>	<b>-</b>	<b>-</b>	<b>11.9</b>	<b>9.0</b>	<b>60.7</b>	<b>-</b>
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## 6.4 Toilet Facilities

The census results show that, during 2019/20 agricultural year, the most used toilet facility by agricultural households in Tanzania was a pit latrine without slab/open pit (3,971,653; 50.7 percent). This was followed by flush toilet with cistern (1,416,673; 18.1 percent) and pit latrine with slab/not washable (727,072; 9.3 percent), however, there were 569,986 households (7.3 percent) reported to have no toilet facility (Table 6.7).

**Table 6.7: Number and Percentage of Agricultural Households by Type of Toilet Facility During 2019/20 Agricultural Year, Tanzania**

Toilet Facility	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
No toilet/bush	569,986	7.3	537,042	7.0	32,944	18.3
Pit latrine without slab/open pit	3,971,653	50.7	3,954,214	51.6	17,439	9.7
Pit latrine with slab/not washable	727,072	9.3	714,549	9.3	12,523	6.9
Pit latrine with slab/washable	628,248	8.0	598,951	7.8	29,297	16.3
Ventilated improved pit latrine	264,475	3.4	254,961	3.3	9,514	5.3
Pour flush toilet	202,580	2.6	189,666	2.5	12,914	7.2
Flash toilet with cistern	1,416,673	18.1	1,352,053	17.7	64,620	35.9
Composting toilet/ECOSAN latrine	31,497	0.4	31,157	0.4	340	0.2
Other type	25,224	0.3	24,596	0.3	628	0.3
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, most of households reported to use pit latrine without slab/open pit (3,954,214; 51.6 percent), followed by those used flush toilet with cistern (1,352,053; 17.7 percent) and pit latrine with slab/not washable (714,549; 9.3 percent) while 7.0 percent had no toilet facility. Moreover, from a total of 3,954,214 households using pit latrine without slab/open pit in Mainland, Kagera region was leading (325,426; 8.2 percent), followed by Dodoma (283,011; 7.2 percent) and Kigoma (275,637; 7.0 percent). Dar es Salaam region had the least number of households (26,571; 0.7 percent) using pit latrine without slab/open pit (Table 6.7 & 6.8).

In Tanzania Zanzibar, majority of households used flush toilet with cistern (64,620; 35.9 percent), followed by those used pit latrine with slab/washable (29,297; 16.3 percent), while 32,944 households (18.3 percent) reported to have no toilets facilities. Mjini Magharibi region had the largest number of households (21,076; 32.6 percent) reported to use flush toilet with cistern, followed by Kaskazini Pemba (15,413; 23.9) while Kusini Unguja had a least number of agricultural households (4,815; 7.5 percent) (Table 6.7 & 6.8).

**Table 6.8: Percentage of Agricultural Households by Type of Toilet Facility and Region During 2019/20 Agricultural Year, Tanzania**

Region	No Toilet/ Bush	Pit Latrine without Slab/Open Pit	Pit Latrine with Slab/Not Washable	Pit Latrine with Slab /Washable	Ventilated Improved Pit Latrine	Pour Flush Toilet	Flash Toilet with Cistern	Composting Toilet/ ECOSAN Latrine	Other
Dodoma	3.6	7.2	11.4	4.3	4.9	2.9	6.1	1.1	0.0
Arusha	11.8	1.8	3.3	5.0	5.0	5.9	0.5	9.3	0.0
Kilimanjaro	2.2	2.0	3.7	4.2	7.3	5.8	8.6	14.2	5.4
Tanga	3.4	3.6	5.0	4.6	4.0	4.1	8.0	1.0	4.3
Morogoro	0.7	5.1	2.9	7.1	6.0	8.6	8.1	6.1	4.5
Pwani	1.5	2.7	5.6	3.9	0.9	3.1	2.2	0.8	0.7
Dar es Salaam	1.1	0.7	2.7	12.2	12.0	31.3	14.6	3.5	3.1
Lindi	1.0	4.4	2.1	2.0	3.8	0.2	0.9	0.6	5.5
Mtwara	1.3	5.1	4.3	4.3	5.6	1.8	1.6	0.0	0.4
Ruvuma	1.2	4.3	4.6	4.1	0.9	2.8	6.3	9.3	3.0
Iringa	0.9	1.7	1.7	5.1	2.2	7.1	5.5	0.0	3.2
Mbeya	2.9	3.2	5.8	6.4	4.1	7.6	9.3	1.3	25.9
Singida	4.3	4.8	1.1	1.6	1.9	1.2	2.6	0.0	3.8
Tabora	11.3	6.0	3.2	2.8	2.6	0.2	1.8	9.0	0.0
Rukwa	1.2	4.2	1.4	1.2	0.1	0.2	2.2	0.0	0.7
Kigoma	0.9	7.0	2.3	2.1	1.4	4.1	2.0	0.0	3.8
Shinyanga	7.3	2.8	3.8	1.2	3.1	0.9	0.6	0.0	6.2
Kagera	5.9	8.2	9.2	5.2	4.3	0.9	0.9	1.6	13.1
Mwanza	5.9	5.2	5.3	5.3	6.2	2.8	4.8	38.4	2.9
Mara	6.9	3.0	2.6	2.6	2.3	1.3	2.5	0.0	6.2
Manyara	7.8	3.9	4.6	4.3	2.8	1.0	0.7	1.2	1.9
Njombe	0.3	1.4	4.1	4.8	5.7	3.5	1.9	0.0	0.0
Katavi	1.2	1.1	0.8	0.8	0.5	1.3	1.0	0.0	1.8
Simiyu	5.0	2.8	2.3	0.6	0.4	0.3	1.5	2.6	3.4
Geita	8.7	3.2	2.9	2.3	6.3	0.5	3.1	0.0	0.0
Songwe	1.6	4.7	3.2	2.1	5.8	0.7	2.7	0.0	0.0
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	11.7	10.7	26.6	19.5	10.4	34.1	17.3	0.0	47.8
Kusini Unguja	1.5	8.5	12.9	25.8	10.4	4.8	7.5	0.0	0.0
Mjini Magharibi	0.2	38.9	20.1	11.1	4.2	13.6	32.6	0.0	8.1
Kaskazini Pemba	46.2	18.6	8.7	12.9	14.1	3.6	23.9	35.0	19.1
Kusini Pemba	40.4	23.3	31.7	30.8	60.8	44.0	18.8	65.0	25.0
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## 6.5 Main Source of Energy for Cooking

The 2019/20 NSCA results show that, majority of agricultural households (6,324,643; 80.7 percent) in Tanzania reported to use firewood as the main source of energy for cooking, followed by 1,170,040 households (14.9 percent) that reported to use charcoal and 181,193 households (2.3 percent) that used gas (industrial). The remaining sources (electricity, solar, biogas, gas, paraffin/kerosene, crop residual and generator/private source) jointly accounted for 2.2 percent of agricultural households (Table 6.9).

**Table 6.9: Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking During 2019/20 Agricultural Year, Tanzania**

Main Source	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Electricity	24,839	0.3	23,852	0.3	987	0.5
Solar	40,964	0.5	40,630	0.5	334	0.2
Gas (Household biogas)	57,367	0.7	56,679	0.7	688	0.4
Gas (Industrial)	181,193	2.3	178,543	2.3	2,650	1.5
Paraffin/kerosene	5,608	0.1	5,143	0.1	465	0.3
Charcoal	1,170,040	14.9	1,146,838	15.0	23,202	12.9
Firewood	6,324,643	80.7	6,172,984	80.6	151,659	84.2
Crop residues	12,446	0.2	12,446	0.2	-	-
Livestock dung	3,303	0.04	3,303	-	-	-
Natural gas	-	-	-	-	-	-
Generator/private source	752	0.01	752	-	-	-
Other	16,253	0.2	16,019	0.2	234	0.1
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, out of total households, 6,172,984 households (80.6 percent) reported to use firewood as the main source of energy for cooking, followed by those using charcoal (1,146,838; 15.0 percent) and industrial gas (178,543; 2.3). Dodoma region had the largest number of households (452,999; 7.3 percent) reported to use firewood as the main source of energy for cooking, followed by Kagera (449,557; 7.3 percent) and Mwanza (333,853; 5.4 percent), while Dar es Salaam had the least number of households (36,616; 0.6 percent) (Table 6.9 & 6.10).

In Tanzania Zanzibar, out of total households, 151,659 households (84.2 percent) reported to use firewood as the main source of energy for cooking, followed by those using charcoal (23,202; 12.9 percent) and industrial gas (2,650; 1.5 percent). Kusini Pemba region had the largest number of households (45,130; 29.8 percent) reported to use firewood as the main source of energy for cooking, followed by Kaskazini Pemba (36,101; 23.8 percent), while Kusini Unguja had the least number of households (15,092; 10.0 percent) (Table 6.9 & 6.10).

**Table 6.10: Percentage of Agricultural Households Reported Main Source of Energy for Cooking by Region During 2019/20 Agricultural Year, Tanzania**

Region	Electricity	Solar	Gas (Household Biogas)	Gas (Industrial)	Paraffin/ Kerosene	Charcoal	Firewood	Crop Residues	Livestock Dung	Natural Gas	Generator/ Private Source	Other
Dodoma	1.4	1.5	4.0	4.7	-	3.6	7.3	26.4	-	-	100.0	5.1
Arusha	3.6	4.9	2.2	11.9	3.1	0.5	3.0	2.9	29.0	-	-	1.9
Kilimanjaro	4.5	4.1	7.2	11.6	17.0	1.1	4.1	2.2	29.3	-	-	2.9
Tanga	2.3	1.8	4.0	2.2	-	3.9	4.8	7.5	4.7	-	-	2.1
Morogoro	19.7	7.6	5.0	5.4	24.4	9.4	4.6	3.7	-	-	-	-
Pwani	2.8	2.2	2.2	3.0	-	5.0	2.4	7.4	-	-	-	1.8
Dar es Salaam	20.6	2.1	46.3	29.3	-	25.3	0.6	-	-	-	-	-
Lindi	-	3.5	0.4	0.8	-	2.9	3.1	-	-	-	-	-
Mtwara	1.9	5.5	0.3	1.5	-	1.9	4.5	2.2	-	-	-	1.9
Ruvuma	8.5	19.6	2.3	0.5	10.7	3.0	4.6	1.2	-	-	-	4.6
Iringa	-	0.6	-	1.7	8.6	2.2	2.9	-	-	-	-	-
Mbeya	10.3	-	2.9	8.8	4.0	6.3	4.6	-	-	-	-	13.0
Singida	-	4.4	3.1	1.0	-	2.1	3.9	11.1	-	-	-	3.3
Tabora	1.2	4.4	2.1	0.8	-	3.6	5.2	7.4	-	-	-	1.4
Rukwa	0.9	1.2	0.6	0.1	7.6	2.8	3.0	1.6	-	-	-	-
Kigoma	-	2.4	5.6	0.8	-	2.8	5.0	-	-	-	-	5.5
Shinyanga	1.9	2.8	1.8	0.7	2.1	1.8	2.9	2.8	-	-	-	-
Kagera	4.2	3.6	2.5	1.9	-	2.2	7.3	3.0	-	-	-	2.1
Mwanza	4.9	6.9	0.5	6.1	-	4.7	5.4	6.0	-	-	-	12.8
Mara	2.4	3.1	1.6	1.8	8.1	1.4	3.4	2.2	-	-	-	5.6
Manyara	3.0	5.6	0.4	3.8	12.2	2.2	3.8	8.0	4.8	-	-	1.7
Njombe	1.2	3.2	0.3	0.3	2.3	1.0	2.4	-	-	-	-	-
Katavi	0.3	1.3	-	0.2	-	1.9	0.9	0.6	-	-	-	0.5
Simiyu	1.6	3.2	1.0	0.3	-	1.0	2.7	0.9	9.4	-	-	10.9
Geita	0.9	0.8	0.9	0.2	-	4.0	3.5	-	-	-	-	20.7
Songwe	2.0	3.8	2.9	0.6	-	3.3	3.8	2.9	22.7	-	-	2.4
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	6.9	-	35.8	2.5	11.0	4.1	19.9	-	-	-	-	20.5
Kusini Unguja	11.6	-	8.3	2.1	23.9	9.3	10.0	-	-	-	-	-
Mjini Magharibi	43.2	100.0	56.0	95.5	20.9	29.8	16.6	-	-	-	-	-
Kaskazini Pemba	19.3	-	-	-	-	18.6	23.8	-	-	-	-	79.5
Kusini Pemba	19.1	-	-	-	44.3	38.2	29.8	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100.0</b>

## 6.6 Main Source of Energy for Lighting

The 2019/20 NSCA results show that, majority of agricultural households (3,189,141; 40.7 percent) in Tanzania reported to use solar as the main source of energy for lighting, followed by torch/rechargeable lamp (2,232,833 households; 28.5 percent) and electricity (1,554,824 households; 19.8 percent). The least number of households (6,625; 0.1 percent) were reported to use biogas as the main source energy for lighting (Table 6.11).

**Table 6.11: Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking During 2019/20 Agricultural Year, Tanzania**

Main Source	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Electricity	1,554,824	19.8	1,488,539	19.4	66,285	36.8
Solar	3,189,141	40.7	3,171,862	41.4	17,279	9.6
Biogas	6,625	0.1	6,625	0.1	0	0.0
Hurricane lamp	87,730	1.1	82,430	1.1	5,300	2.9
Pressure lamp	38,772	0.5	35,711	0.5	3,061	1.7
Wick lamp	541,994	6.9	459,244	6.0	82,750	45.9
Candles	34,166	0.4	34,066	0.4	100	0.1
Firewood	61,307	0.8	61,088	0.8	219	0.1
Torch/rechargeable lamp	2,232,833	28.5	2,228,489	29.1	4,344	2.4
Generator/private source	14,153	0.2	13,440	0.2	713	0.4
Other	75,868	1.0	75,702	1.0	166	0.1
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, majority of households (3,171,862; 41.4 percent) reported to use solar as the main source of energy for lighting, followed by those using torch/rechargeable lamp (2,228,489; 29.1 percent) and electricity (1,488,539; 19.4). Mtwara region had the largest number of households (203,598; 6.4 percent) reported to use solar as the main source of energy for lighting, followed by Tabora (201,314; 6.35 percent) and Kagera (200,099; 6.31 percent), while Katavi had the least number of households (43,408; 1.4 percent) (Table 6.11 & 6.12).

In Tanzania Zanzibar, majority of households (82,750; 45.9 percent) reported to use wick lamp as the main source of energy for lighting, followed by those using electricity (66,285; 36.8 percent) and solar (17,279; 9.6 percent). Kusini Pemba region had the largest number of households (26,352; 31.8 percent) reported to use wick lamp as the main source of energy for lighting, followed by Kaskazini Pemba (24,333; 29.4 percent), while Kusini Unguja had the least number of households (4,554; 5.5 percent) (Table 6.11 & 6.12).



**Table 6.12: Percentage of Agricultural Households Reported Main Source of Energy for Lighting by Region During 2019/20 Agricultural Year, Tanzania**

Region	Electricity	Solar	Biogas	Hurricane Lamp	Pressure Lamp	Wick Lamp	Candles	Firewood	Torch/ Rechargeable Lamp	Generator/Private Source	Other
Dodoma	3.1	5.8	-	3.9	-	1.1	-	7.2	11.8	4.5	6.5
Arusha	3.2	2.7	4.4	4.8	3.1	1.9	2.8	3.6	3.0	-	1.8
Kilimanjaro	9.2	2.4	-	9.3	10.0	6.3	6.0	2.5	1.6	1.2	1.8
Tanga	5.4	2.9	-	3.7	22.1	24.1	1.6	0.6	2.3	24.0	1.7
Morogoro	5.7	4.9	3.8	6.4	17.4	5.2	5.1	4.1	5.9	0.9	1.3
Pwani	3.2	2.5	-	1.2	6.4	7.6	1.3	2.9	2.1	6.4	0.2
Dar es Salaam	19.5	1.5	35.2	24.4	2.4	1.3	46.3	1.5	1.3	-	1.6
Lindi	1.8	3.9	-	1.5	3.2	2.3	-	0.8	2.4	-	14.9
Mtwara	1.9	6.4	-	1.7	1.9	2.1	0.7	7.1	2.5	2.8	0.8
Ruvuma	3.5	6.2	11.2	2.2	0.7	0.2	1.6	4.2	3.3	-	4.7
Iringa	3.4	3.0	-	6.7	-	1.6	8.9	2.8	1.9	-	4.8
Mbeya	8.8	3.3	3.4	3.1	3.4	2.2	9.3	2.6	5.5	-	6.5
Singida	1.7	4.2	7.9	1.8	1.8	0.4	5.5	1.5	4.4	20.1	8.6
Tabora	2.4	6.3	-	1.3	0.4	1.3	-	7.5	5.2	3.1	6.1
Rukwa	1.8	2.7	-	4.7	3.1	10.4	-	3.6	2.2	1.3	2.3
Kigoma	2.9	4.8	-	0.7	-	3.0	-	3.8	5.8	2.6	10.3
Shinyanga	1.3	3.1	-	1.5	0.4	0.3	2.4	2.1	3.6	-	1.5
Kagera	3.8	6.3	13.3	10.8	11.5	21.6	-	6.9	4.6	12.1	6.3
Mwanza	4.2	6.0	-	2.2	3.1	1.1	1.6	3.6	6.3	1.9	3.6
Mara	1.8	3.9	3.0	4.6	0.9	3.4	-	1.7	2.7	1.4	1.0
Manyara	2.7	3.8	14.5	1.1	1.3	0.5	-	12.4	4.3	7.5	4.3
Njombe	2.3	2.7	2.4	1.7	-	0.4	3.2	2.9	1.5	-	1.3
Katavi	0.7	1.4	0.9	0.1	0.3	0.1	0.4	0.2	1.0	2.8	0.4
Simiyu	1.3	2.0	-	-	-	0.1	1.4	4.0	4.2	-	0.8
Geita	1.4	4.1	-	0.2	-	0.2	-	4.3	4.9	1.5	3.7
Songwe	3.0	3.0	-	0.5	6.4	1.4	2.0	5.6	5.6	6.0	3.0
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	12.1	29.9	-	2.8	2.5	21.0	-	-	15.6	17.1	-
Kusini Unguja	12.8	11.7	-	12.4	-	5.5	55.0	78.5	37.4	-	-
Mjini Magharibi	27.9	23.8	-	20.2	11.1	12.3	45.0	21.5	23.8	82.9	-
Kaskazini Pemba	17.6	16.8	-	25.1	8.8	29.4	-	-	6.2	-	-
Kusini Pemba	29.6	17.7	-	39.5	77.7	31.8	-	-	17.0	-	100.0
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## 6.7 Access to Drinking Water

### 6.7.1 Wet Season

The 2019/20 NSCA results show that, majority of agricultural households (3,250,900; 41.5 percent) reported to use piped water as the main source of drinking water during the wet season, followed by 1,003,934 households (12.8 percent) that reported to use unprotected well and 976,314 households (12.5 percent) that used surface water. The least number of households (6,016; 0.1 percent) were reported to use bottled water (Table 6.13).

**Table 6.13: Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Wet Season During 2019/20 Agricultural Year, Tanzania**

Source of Drinking Water	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Piped water	3,250,900	41.5	3,110,262	40.6	140,638	78.0
Protected well	832,783	10.6	808,296	10.6	24,487	13.6
Protected/covered spring	104,403	1.3	104,036	1.4	367	0.2
Unprotected Well	1,003,934	12.8	991,434	12.9	12,500	6.9
Unprotected spring	333,257	4.3	333,200	4.4	57	0.0
Surface water (lake/dam/river/stream)	976,314	12.5	975,178	12.7	1,136	0.6
Covered rainwater catchment	83,129	1.1	83,072	1.1	57	0.03
Uncovered rainwater catchment	156,270	2.0	156,216	2.0	54	0.03
Water Vendor	53,199	0.7	53,058	0.7	141	0.1
Tanker truck	8,489	0.1	8,375	0.1	114	0.1
Bottled water	6,016	0.1	6,016	0.1	-	-
Borehole	131,373	1.7	130,706	1.7	667	0.4
Other	897,340	11.4	897,340	11.7	-	-
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, majority of households (3,110,262; 40.6 percent) reported to use piped water as the main source of drinking water during the wet season, followed by those using unprotected well (991,434; 12.9 percent) and surface water (975,178; 12.7). Dar es Salaam region had the largest number of households (328,217; 10.6 percent) reported to use piped water as the main source of drinking water during the wet season, followed by Kilimanjaro (260,585; 8.4 percent) and Morogoro (245,601; 7.9 percent), while Katavi had the least number of households (34,763; 1.1 percent) (Table 6.13 & 6.14).

In Tanzania Zanzibar, majority of households (140,638; 78.0 percent) reported to use piped water as the main source of drinking water during the wet season, followed by those using protected well (24,487; 13.6 percent) and unprotected well (12,500; 6.9 percent). Kusini Pemba

region had the largest number of households (50,257; 35.7 percent) reported to use piped water as the main source of drinking water during the wet season, followed by Kaskazini Pemba (31,654; 22.5 percent), while Kusini Unguja had the least number of households (11,678; 8.3 percent) (Table 6.13 & 6.14).

**Table 6.14: Percentage Distribution of Agricultural Households Reported Main Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Drinking Water												
	Piped Water	Protected Well	Protected/ Covered Spring	Unprotected Well	Unprotected Spring	Surface Water (lake/dam/ river/stream)	Covered Rainwater Catchment	Uncovered Rainwater Catchment	Water Vendor	Tanker Truck	Bottled Water	Borehole	Other
Dodoma	6.6	2.9	13.9	9.2	5.4	8.0	0.9	7.7	7.4	-	-	9.4	5.6
Arusha	4.6	1.2	2.6	0.1	1.6	4.8	1.6	0.9	2.2	4.4	-	0.2	1.0
Kilimanjaro	8.4	0.6	0.7	0.2	2.6	0.3	2.2	0.6	3.4	-	-	1.4	0.9
Tanga	4.3	1.4	1.3	2.6	5.8	5.8	1.2	2.4	3.9	2.1	-	1.0	10.4
Morogoro	7.9	7.8	2.2	2.6	3.8	3.8	3.1	2.1	5.5	-	-	9.7	0.6
Pwani	2.4	2.8	2.7	5.8	2.2	1.3	3.5	9.6	2.6	2.0	-	2.1	2.1
Dar es Salaam	10.6	3.0	3.3	0.4	0.5	0.3	3.7	2.0	42.8	67.2	80.4	0.5	1.1
Lindi	2.5	2.7	1.3	3.0	1.9	1.9	4.8	2.6	1.3	-	-	0.7	7.1
Mtwara	2.9	6.9	4.9	4.5	4.4	2.4	38.0	19.1	-	-	-	0.1	1.0
Ruvuma	5.4	6.7	6.0	2.9	5.2	3.9	0.6	0.8	-	-	-	8.3	0.9
Iringa	2.8	2.0	0.8	1.5	1.5	4.0	0.7	-	0.2	-	-	3.3	4.7
Mbeya	6.8	5.1	3.3	2.1	3.1	3.8	4.6	4.4	1.7	17.5	3.6	0.6	4.6
Singida	2.4	2.1	2.1	3.5	5.0	5.6	7.4	18.5	-	-	-	0.5	4.2
Tabora	1.4	6.8	0.7	17.5	1.2	4.2	5.0	1.9	9.3	2.4	-	6.6	3.5
Rukwa	2.2	2.1	4.7	3.4	4.1	2.5	1.1	5.8	3.0	-	2.2	12.2	3.1
Kigoma	4.3	4.7	16.0	3.5	5.6	7.2	0.7	1.0	0.5	-	-	6.3	2.9
Shinyanga	2.0	4.8	0.9	4.6	1.9	3.7	0.1	0.6	0.5	-	-	0.1	1.4
Kagera	2.5	3.6	8.3	4.0	11.7	12.0	5.6	2.0	1.0	-	4.3	10.5	16.6
Mwanza	3.4	7.4	8.4	10.2	7.9	1.2	2.2	3.2	2.5	4.4	-	9.2	8.2
Mara	1.3	2.1	4.0	5.2	4.6	3.6	2.2	3.1	-	-	-	0.4	7.1
Manyara	4.7	1.0	1.1	2.6	1.9	7.1	2.2	2.5	1.5	-	-	-	0.8
Njombe	3.3	2.3	1.7	1.2	2.5	1.0	3.2	2.4	-	-	-	0.3	0.0
Katavi	1.1	0.8	1.0	1.7	0.8	0.9	0.2	0.0	2.7	-	-	0.4	0.4
Simiyu	1.5	6.9	1.8	1.4	0.8	2.4	1.2	2.0	-	-	2.4	6.2	2.6
Geita	1.3	9.5	4.3	5.0	12.0	0.7	-	0.4	4.7	-	-	8.4	4.1
Songwe	3.4	2.6	2.3	1.3	2.1	7.6	4.0	4.4	3.4	-	7.2	1.4	5.0
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	19.3	12.3	-	6.6	-	4.2	-	-	100.0	100.0	-	57.0	-
Kusini Unguja	8.3	16.7	88.0	10.7	100.0	-	100.0	100.0	-	-	-	-	-
Mjini Magharibi	14.2	51.5	12.0	16.9	-	95.8	-	-	-	-	-	7.2	-
Kaskazini Pemba	22.5	15.0	-	43.7	-	-	-	-	-	-	-	-	-
Kusini Pemba	35.7	4.5	-	22.2	-	-	-	-	-	-	-	35.8	-
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>

### 6.7.2 Dry Season

Majority of agricultural households (3,464,199; 44.2 percent) in Tanzania reported to use piped water as the main source of drinking water during the dry season, followed by 1,291,071 households (16.5 percent) that reported to use surface water and 1,214,606 households (15.5 percent) that used unprotected well. The least number of households (5,711; 0.1 percent) were reported to use bottled water (Table 6.15).

**Table 6.15: Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Dry Season During 2019/20 Agricultural Year, Tanzania**

Source of Drinking Water	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Piped water	3,464,199	44.2	3,324,552	43.4	139,647	77.5
Protected well	940,887	12.0	916,217	12.0	24,670	13.7
Protected/covered spring	129,045	1.6	128,348	1.7	697	0.4
Unprotected well	1,214,606	15.5	1,201,425	15.7	13,181	7.3
Unprotected spring	363,820	4.6	363,766	4.8	54	0.03
Surface water (lake/dam/river/stream)	1,291,071	16.5	1,290,144	16.8	927	0.5
Covered rainwater catchment	49,463	0.6	49,463	0.6	-	-
Uncovered rainwater catchment	77,250	1.0	77,196	1.0	54	0.03
Water vendor	88,661	1.1	88,520	1.2	141	0.1
Tanker truck	13,756	0.2	13,578	0.2	178	0.1
Bottled water	5,711	0.1	5,711	0.1	-	-
Borehole	152,690	1.9	152,023	2.0	667	0.4
Other	46,247	0.6	46,247	0.6	-	-
<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,185</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

In Mainland Tanzania, majority of households (3,324,552; 43.4 percent) reported to use piped water as the main source of drinking water during the dry season, followed by those using surface water (1,290,144; 16.8 percent) and unprotected well (1,201,425; 15.7). Dar es Salaam region had the largest number of households (334,336; 10.1 percent) reported to use piped water as the main source of drinking water during the dry season, followed by Kilimanjaro (263,615; 7.9 percent) and Morogoro (243,623; 7.3 percent), while Mara had the least number of households (29,229; 0.9 percent) (Table 6.15 & 6.16).

In Tanzania Zanzibar, majority of households (139,647; 77.5 percent) reported to use piped water as the main source of drinking water during the dry season, followed by those using protected well (24,670; 13.7 percent) and unprotected well (13,181; 7.3 percent). Kusini Pemba region had the largest number of households (49,713; 35.6 percent) reported to use piped water as the main source of drinking water during the dry season, followed by Kaskazini Pemba (31,243; 22.4 percent), while Kusini Unguja had the least number of households (11,563; 8.3 percent) (Table 6.15 & 6.16).

**Table 6.16: Percentage Distribution of Agricultural Households Reported Main Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Piped Water	Protected Well	Protected/ Covered Spring	Unprotected Well	Unprotected Spring	Surface Water (lake/dam/ river/stream)	Covered Rainwater Catchment	Uncovered Rainwater Catchment	Water Vendor	Tanker Truck	Bottled Water	Borehole	Other
Dodoma	6.5	3.2	9.7	10.4	5.6	5.9	1.2	10.1	6.3	-	2.7	9.1	8.4
Arusha	4.5	1.3	2.4	0.1	1.6	3.4	1.6	-	1.6	7.1	-	0.4	1.6
Kilimanjaro	7.9	0.6	1.0	0.2	2.7	0.4	1.3	1.0	2.0	8.0	-	1.5	1.0
Tanga	4.7	2.2	3.9	3.1	6.5	7.6	1.5	2.7	6.4	6.1	-	1.0	2.5
Morogoro	7.3	6.9	1.9	2.2	3.5	3.3	3.4	2.2	4.0	-	3.0	9.0	1.3
Pwani	2.6	3.0	3.1	5.6	1.9	1.2	0.8	1.4	4.2	-	-	1.6	1.6
Dar es Salaam	10.1	2.5	2.7	0.5	0.2	0.2	2.6	-	31.4	60.4	69.1	0.6	1.9
Lindi	3.5	3.4	0.9	2.9	2.2	2.2	4.1	0.8	5.4	0.9	-	1.8	3.1
Mtwara	3.1	6.0	3.1	3.7	3.8	3.0	36.6	32.7	0.9	-	-	0.3	-
Ruvuma	5.0	6.1	5.6	2.4	4.3	3.5	0.7	-	0.1	-	-	7.6	-
Iringa	3.0	2.0	1.1	2.4	2.2	3.8	0.6	-	0.1	-	-	3.3	0.5
Mbeya	6.6	5.3	5.3	2.2	3.7	3.9	7.9	1.2	3.3	10.8	3.8	1.4	7.9
Singida	2.5	2.3	1.5	4.8	3.7	4.5	11.8	34.0	-	-	-	0.6	10.1
Tabora	1.5	6.4	0.7	15.9	0.9	3.6	2.8	0.5	7.5	-	-	6.4	3.3
Rukwa	2.2	2.6	6.9	3.3	5.5	2.4	2.0	0.2	2.5	-	2.3	11.7	1.3
Kigoma	4.1	4.5	12.3	3.3	5.3	6.6	0.6	-	-	-	8.0	5.0	4.1
Shinyanga	1.9	4.7	1.0	4.5	1.9	2.6	0.6	0.3	0.4	-	-	0.1	8.0
Kagera	3.3	3.4	13.8	4.4	11.3	15.5	9.7	2.7	0.6	4.6	4.5	9.0	17.7
Mwanza	3.9	8.5	6.9	10.0	6.3	1.6	-	1.3	4.2	-	-	11.2	7.9
Mara	0.9	3.0	4.1	5.0	4.7	6.9	3.0	1.0	0.2	-	-	1.2	3.3
Manyara	4.7	1.1	0.9	2.0	1.9	5.5	2.0	2.7	1.7	2.1	-	-	0.4
Njombe	3.0	2.1	1.8	0.9	2.9	1.0	2.7	2.5	-	-	4.0	0.1	0.6
Katavi	1.1	0.7	0.8	1.5	0.8	0.7	0.6	0.1	1.6	-	-	0.2	0.8
Simiyu	1.6	6.8	2.0	1.6	0.8	2.4	-	0.3	0.8	-	2.5	6.5	2.4
Geita	1.2	8.9	4.1	5.2	13.5	0.6	-	0.3	6.6	-	-	9.2	3.0
Songwe	3.3	2.6	2.3	2.1	2.2	7.6	2.1	1.8	7.9	-	-	1.2	7.4
<b>Mainland Tanzania</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Kaskazini Unguja	19.1	11.9	-	9.0	-	10.4	-	-	100.0	100.0	-	57.0	-
Kusini Unguja	8.3	17.5	30.6	10.5	100.0	-	-	100.0	-	-	-	-	-
Mjini Magharibi	14.6	50.0	12.8	16.0	-	89.6	-	-	-	-	-	7.2	-
Kaskazini Pemba	22.4	16.1	-	42.3	-	-	-	-	-	-	-	-	-
Kusini Pemba	35.6	4.5	56.7	22.1	-	-	-	-	-	-	-	35.8	-
<b>Tanzania Zanzibar</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>-</b>	<b>100.0</b>	<b>-</b>

## 6.8 Distance to Source of Drinking Water

Distance to water sources during wet and dry seasons was almost the same regardless of the type of water source. The findings show that, during wet season, 5,806,789 households (74.1 percent) in Tanzania reported to obtain drinking water in a distance of less than 1 kilometer compared to 4,858,590 households (62.0 percent) during dry season in 2019/20 agricultural year. Few households (33,250; 0.4 percent) obtained drinking water from a distance of 10 kilometer and above during wet season compared to 81,417 households (1.0 percent) during dry season (Table 6.17 & 6.18).

Most households in Mainland Tanzania (5,629,890; 73.5 percent) obtained water in a distance of less than 1 kilometer during wet season compared to 4,682,221 households (61.1 percent) during dry season. In Tanzania Zanzibar, about 98 percent of households reported to obtain drinking water from a distance of less than 1 kilometer during both wet and dry seasons (Table 6.17 & 6.18).

**Table 6.17: Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year**

Distance (km)	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Less than 1 km	5,806,789	74.1	5,629,890	73.5	176,899	98.2
1.00 - 1.99 km	1,172,740	15.0	1,170,312	15.3	2,428	1.3
2.00 - 2.99 km	492,612	6.3	491,850	6.4	762	0.4
3.00 - 4.99 km	235,212	3.0	235,212	3.1	-	-
5.00 - 9.99 km	96,806	1.2	96,806	1.3	-	-
10 km and Above	33,250	0.4	33,120	0.4	130	0.1
<b>Total</b>	<b>7,837,407</b>	<b>100.0</b>	<b>7,657,190</b>	<b>100.0</b>	<b>180,217</b>	<b>100.0</b>

**Table 6.18: Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania**

Distance (km)	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Less than 1 km	4,858,590	62.0	4,682,221	61.1	176,369	97.9
1.00 - 1.99 km	1,434,353	18.3	1,431,781	18.7	2,572	1.4
2.00 - 2.99 km	743,196	9.5	742,528	9.7	668	0.4
3.00 - 4.99 km	452,718	5.8	452,584	5.9	134	0.1
5.00 - 9.99 km	267,130	3.4	267,023	3.5	107	0.1
10 km and Above	81,417	1.0	81,050	1.1	367	0.2
<b>Total</b>	<b>7,837,404</b>	<b>100.0</b>	<b>7,657,187</b>	<b>100.0</b>	<b>180,217</b>	<b>100.0</b>

## 6.9 Time Spent to Main Source of Drinking Water

The findings show that, during wet season, majority of households (4,884,803; 62.3 percent) spent less than 10 minutes to and from main source of drinking water in Tanzania while few households (1,336,433; 17.1 percent), spent 1 hour and above to and from main source of drinking water. In Mainland Tanzania, majority of households (4,718,375; 61.6 percent) had been spending less than 10 minutes to and from main source of drinking water and few households (76,394; 1.0 percent) spent 40 to 49 minutes during wet season. In Tanzania Zanzibar, majority of households (166,428; 92.3 percent) spent less than 10 minutes to and from main source of drinking water and few households (1,415; 0.8 percent) spent 20 to 29 minutes (Table 6.19).

**Table 6.19: Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Wet Season During 2019/20 Agricultural Year, Tanzania**

Time (Minutes)	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Less than 10	4,884,803	62.3	4,718,375	61.6	166,428	92.3
10.00 - 19.00	497,955	6.4	493,834	6.4	4,121	2.3
20.00 - 29.00	325,462	4.2	324,047	4.2	1,415	0.8
30.00 - 39.00	390,786	5.0	389,279	5.1	1,507	0.8
40.00 - 49.00	76,394	1.0	76,394	1.0	0	0.0
50.00 - 59.00	325,566	4.2	322,399	4.2	3,167	1.8
60.00 and Above	1,336,433	17.1	1,332,849	17.4	3,584	2.0
<b>Total</b>	<b>7,837,399</b>	<b>100.0</b>	<b>7,657,177</b>	<b>100.0</b>	<b>180,222</b>	<b>100.0</b>

The findings further show that, during dry season, majority of households (3,888,479; 49.6 percent) spent less than 10 minutes to and from main source of drinking water in Tanzania while few households (103,915; 1.3 percent), spent 40 to 49 minutes to and from main source of drinking water. In Mainland Tanzania, majority of households (3,722,755; 48.6 percent) had been spending less than 10 minutes to and from main source of drinking water and few households (103,915; 1.4 percent) spent 40 to 49 minutes during dry season. In Tanzania Zanzibar, majority of households (165,724; 92.0 percent) spent less than 10 minutes to and from main source of drinking water and few households (1,361; 0.8 percent) spent 20 to 29 minutes (Table 6.20).



**Table 6.20: Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Dry Season During 2019/20 Agricultural Year, Tanzania**

Time (Minutes)	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
	Number	Percent	Number	Percent	Number	Percent
Less than 10	3,888,479	49.6	3,722,755	48.6	165,724	92.0
10.00 - 19.00	475,658	6.1	471,719	6.2	3,939	2.2
20.00 - 29.00	349,394	4.5	348,033	4.5	1,361	0.8
30.00 - 39.00	474,412	6.1	472,632	6.2	1,780	1.0
40.00 - 49.00	103,915	1.3	103,915	1.4	-	-
50.00 - 59.00	354,879	4.5	351,349	4.6	3,530	2.0
60.00 and Above	2,190,670	28.0	2,186,784	28.6	3,886	2.2
<b>Total</b>	<b>7,837,407</b>	<b>100.0</b>	<b>7,657,187</b>	<b>100.0</b>	<b>180,220</b>	<b>100.0</b>

Compared to 2007/08 agriculture census, the number of households that spent 1 hour and above to and from main source of drinking water during wet season in Tanzania has decreased from 20.0 percent in 2007/08 to 17.1 percent in 2019/20 agricultural year; whereas the number of household spending less than 10 minutes has increased from 24.4 percent in 2007/08 to 62.3 percent in 2019/20. Similar pattern was observed during dry season as the number of households that spent 1 hour and above decreased from 36.9 percent to 28.0 percent while households that spends less than 10 minutes has increased from 18.6 percent in 2007/08 to 49.6 percent in 2019/20.

## 6.10 Ownership of Assets

Ownership of assets is an important variable in assessing the household's economic well-being. The findings show that, telephone (mobile) was owned by majority of agricultural households (6,387,758; 81.5 percent), followed by torch (4,964,248; 63.3 percent) and radio/cassette (3,743,660; 47.8 percent) during 2019/20 agricultural year. On the other hand, *bajaji* was owned by the least number of households (32,864; 0.4 percent) (Table 6.21).

In Mainland Tanzania, telephone (mobile) was owned by majority of agricultural households (6,221,185; 81.2 percent), followed by torch (4,874,005; 63.7 percent) and radio/cassette (3,659,248; 47.8 percent), while *bajaji* (32,587; 0.4 percent) and telephone (landline) (49,244; 0.6 percent) were owned by few households. In Tanzania Zanzibar, majority of agricultural households (166,573; 92.4 percent) owned telephone (mobile), followed by kerosene lamp (134,917; 74.9 percent) and bicycle (96,449; 53.5 percent), while few households owned *bajaji* (277; 0.2 percent) (Table 6.21).

**Table 6.21: Percentage of Agricultural Households Reported Ownership of Assets During 2019/20 Agricultural Year, Tanzania**

Asset	Tanzania	Mainland Tanzania	Tanzania Zanzibar
Radio/cassette (music system)	47.8	47.8	46.8
Telephone (landline)	0.6	0.6	0.2
Telephone (mobile)	81.5	81.2	92.4
Pressing Iron	21.2	21.1	23.3
Wheelbarrow	7.0	7.1	3.3
Bicycle	41.8	41.5	53.5
Vehicle	2.6	2.6	4.1
Television	19.0	18.8	26.2
Refrigerator	6.2	5.9	18.5
Motor cycle	12.4	12.4	13.8
Tricycle	0.4	0.4	0.2
Personal computer/laptop	2.2	2.2	2.9
Kerosene lamp	16.1	14.7	74.9
Solar panel	45.8	46.5	12.3
Generator	1.2	1.2	1.2
Electric/gas stove	9.6	9.5	12.8
Torch	63.3	63.7	50.1

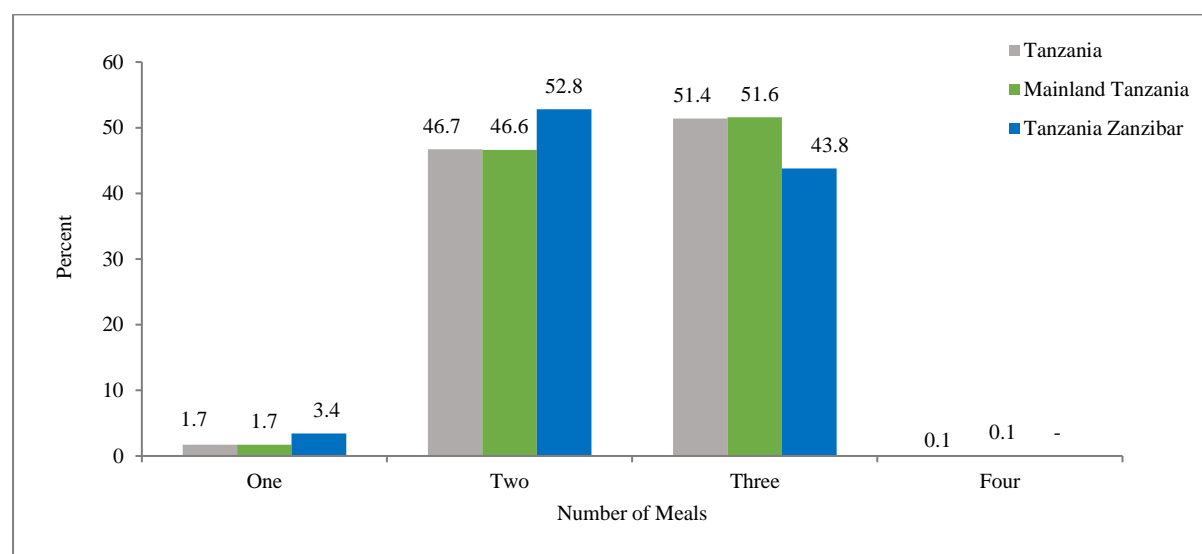
## 6.11 Food Consumption Pattern

### 6.11.1 Number of Meals per Day

Census results show that, most of the agricultural households in Tanzania reported to take three meals per day (4,028,800; 51.4 percent), followed by those who take two meals per day (3,663,798; 46.7 percent) and (137,001; 1.7 percent) take meals once a day. However, very few agricultural households (0.1 percent) took four meals per day during 2019/20 agricultural year (Figure 6.1).

In comparison, the number of households that take three meals per day has increased by 6.4 percent from 45.0 percent in 2007/08 to 51.4 percent in 2019/20 agricultural year. On the other hand, the number of households that take two meals per day has decreased by 6.3 percent from 53.0 percent in 2007/08 to 46.7 percent in 2019/20.

**Figure 6.1: Percentage of Agricultural Households Reported Number of Meals Normally Taken per Day During 2019/20 Agricultural Year, Tanzania**



In Mainland Tanzania, the number of households reported to take three meals per day has increased from 41 percent in 2007/08 to 51.6 percent in 2019/20, while those taking one meal per day had decreased from 2 percent in 2007/08 to 1.7 percent in 2019/20 agricultural years. In addition, the households taking two meals per day has also decreased from 57 percent in 2007/08 to 46.6 percent in 2019/20 agricultural year.

In Tanzania Zanzibar, the number of households taking three meals per day has increased from 40 percent in 2007/08 to 43.8 percent in 2019/20, and those who have been taking one meal per day has also increased from 3 percent in 2007/08 to 3.4 percent in 2019/20 agricultural years. However, households taking two meals per day has decreased from 57 percent in 2007/8 to 52.8 percent in 2019/20 (Figure 6.1).

### 6.11.2 Meat Consumption

The Census results show that, 3,756,195 households (47.9 percent) reported to consume meat at least once in the last seven days during 2019/20 agricultural year, while 4,081,210 households (52.1 percent) reported not to eat meat at all. In addition, 41,299 households (0.5 percent) reported to consume meat in all days of the past seven days. However, 1,711,534 households (21.8 percent) reported to consume meat once in the last seven days (Table 6.22).

In comparison, percentage of households that reported to consume meat in all days of the last seven days has increased by 0.3 percent from 0.2 percent in 2007/08 to 0.5 percent in 2019/20 agricultural year.

**Table 6.22: Number and Percentage of Households Reported to Consume Meat in Last 7 days in 2007/08 and 2019/20 Agriculture Censuses, Tanzania**

Agricultural Year	Number of Meals	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
		Number	Percent	Number	Percent	Number	Percent
2019/20	Not Eaten	4,081,210	52.1	3,963,355	51.8	117,854	65.4
	One	1,711,534	21.8	1,685,542	22.0	25,990	14.4
	Two	1,234,552	15.8	1,215,638	15.9	18,914	10.5
	Three	540,733	6.9	530,738	6.9	9,997	5.5
	Four	148,545	1.9	144,204	1.9	4,340	2.4
	Five	61,489	0.8	59,788	0.8	1,698	0.9
	Six	18,043	0.2	17,523	0.2	520	0.3
	Seven	41,299	0.5	40,393	0.5	904	0.5
	<b>Total</b>	<b>7,837,405</b>	<b>100.0</b>	<b>7,657,181</b>	<b>100.0</b>	<b>180,217</b>	<b>100.0</b>
2007/08	Not Eaten	2,210,009	37.9	2,122,106	37.2	87,903	66.5
	One	2,136,833	36.6	2,110,777	37.0	26,056	19.7
	Two	1,058,232	18.1	1,044,842	18.3	13,389	10.1
	Three	309,293	5.3	305,501	5.4	3,791	2.9
	Four	80,028	1.4	79,453	1.4	575	0.4
	Five	25,849	0.4	25,497	0.4	352	0.3
	Six	5,681	0.1	5,654	0.1	27	0.0
	Seven	12,596	0.2	12,498	0.2	99	0.1
	<b>Total</b>	<b>5,838,523</b>	<b>100.0</b>	<b>5,706,329</b>	<b>100.0</b>	<b>132,193</b>	<b>100.0</b>

In Mainland Tanzania, a total of 3,693,827 agricultural households (48.2 percent) reported to consume meat at least once in the last seven days, while 3,963,555 households (51.8 percent) reported not to eat meat at all. In addition, 40,393 households (0.5 percent) reported to consume meat in all days of the past seven days. However, 1,685,542 households (22.0 percent) reported to consume meat once in the last seven days.

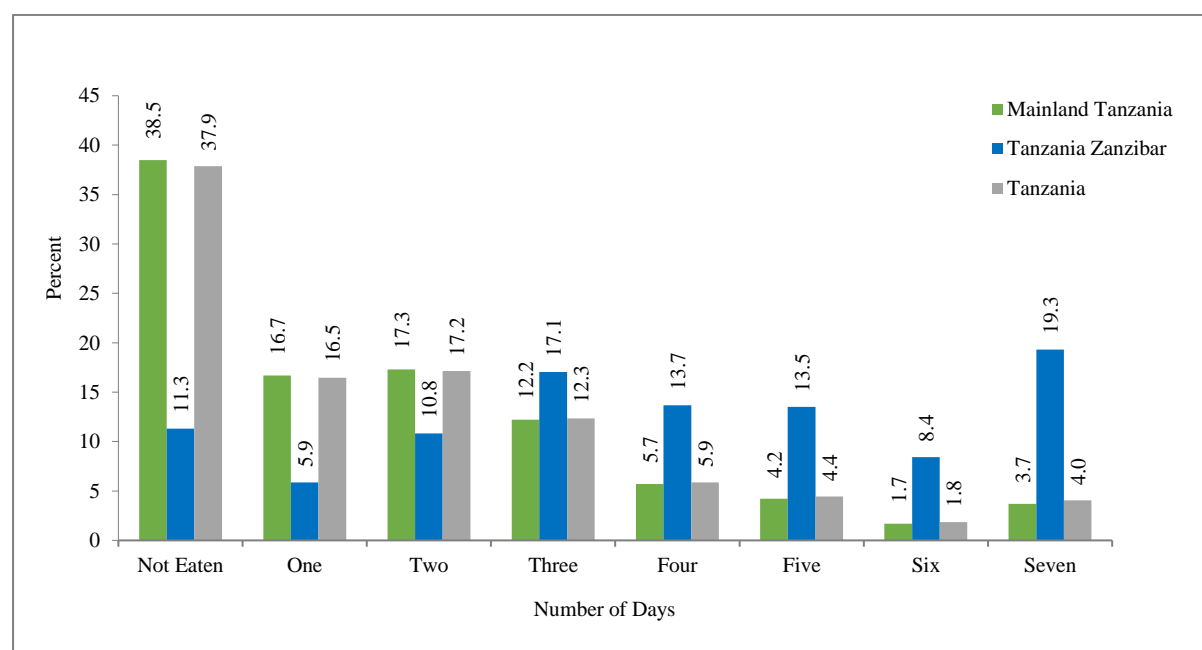
In Tanzania Zanzibar, a total of 62,363 agricultural households (34.6 percent) reported to consume meat at least once in the last seven days, while 117,854 households (65.4 percent) reported not to eat meat at all. In addition, 25,990 households (14.4 percent) reported to consume meat once in the past seven days. However, 904 households (0.5 percent) reported to consume meat in all days of the last seven days.

### 6.11.3 Fish Consumption

The Census results show that, 4,870,106 households reported to consume fish in the last seven days during 2019/20 agricultural year in Tanzania. Number of households that never ate fish in the last seven days was 2,967,299 (37.9 percent) while, 317,035 households (4.0 percent) reported to consume fish in all days of last seven days. However, 1,289,500 (16.5 percent) households ate fish once in the last seven days (Figure 6.2).

In comparison, the number of households that reported to consume fish in three days of the last seven days increased by 1.3 percent from 11.0 percent 2007/08 to 12.3 percent in 2019/20 agricultural year. Also, percentage of households that reported to consume fish in five days of last seven days has increased by 0.5 from 3.9 percent in 2007/08 to 4.4 percent in 2019/20. However, the percentage of households that reported to have consumed fish in all days of the last seven days has decreased by 0.1 percent from 4.1 percent in 2007/08 to 4.0 percent in 2019/20.

**Figure 6.2: Percentage of Agricultural Households Reported Number of Days the Household Consumed Fish in the Last Seven Days During 2019/20 Agricultural Year, Tanzania**



In Mainland Tanzania, a total of 4,710,279 agricultural households (61.5 percent) reported to consume fish at least once in the last seven days, while 2,946,906 households (38.5 percent) reported not to eat fish at all. In addition, 282,237 households (3.7 percent) reported to consume meat in all days of the past seven days. However, 1,278,940 households (16.7 percent) reported to consume fish once in the last seven days.

In Tanzania Zanzibar, a total of 159,827 agricultural households (88.7 percent) reported to consume fish at least once in the last seven days, while 20,391 households (11.3 percent) reported not to eat fish at all. In addition, 10,560 households (5.9 percent) reported to consume fish once in the past seven days. However, 34,798 households (19.3 percent) reported to consume meat in all days of the last seven days.

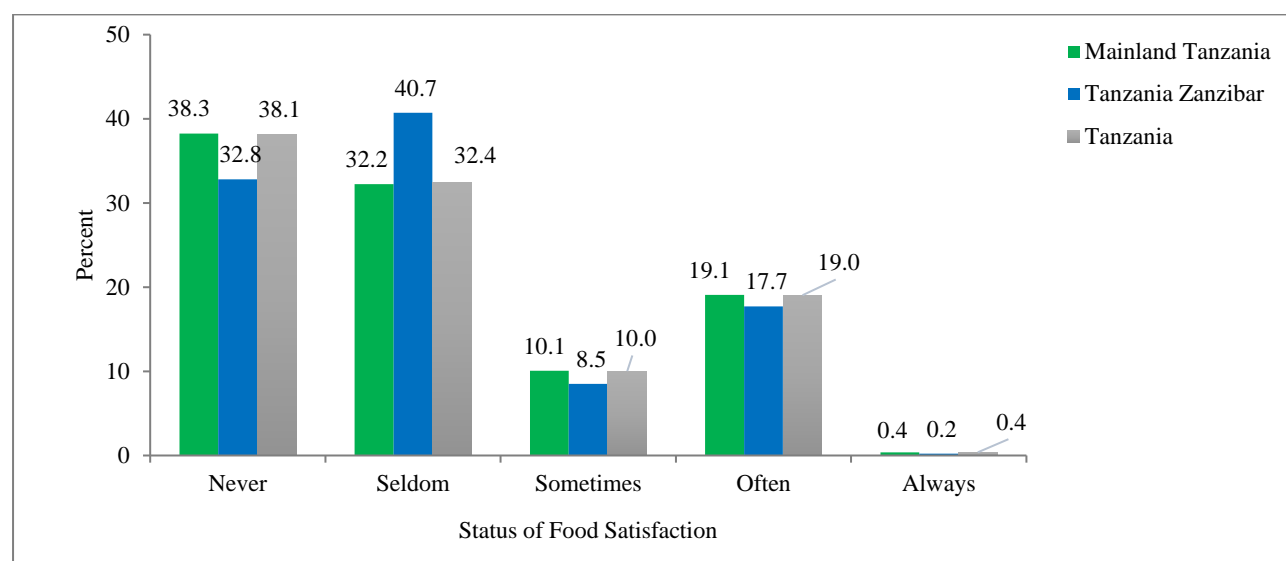
#### **6.11.4 Status of Food Satisfaction**

The Census results show that, in the last twelve months prior to the execution period of the 2019/20 NSCA, a total of 2,989,185 agricultural households (38.1 percent) in Tanzania had never experienced food shortage problems. Moreover, 2,541,474 households (32.4 percent), were rarely experiencing problems in satisfying the food needs; 785,165 households (10.0 percent) sometimes experienced problems in satisfying their food needs; 1,492,258 households (19.0 percent) often experienced problems; and 29,326 households (0.4 percent) always had food problems (Figure 6.3).

In comparison, households that always had food problems has decreased by 5.9 percent from 6.3 percent in 2007/08 to 0.4 percent in 2019/20 agricultural years. Households never experienced food insufficiency problems have decreased by 2.4 percent from 40.5 percent in 2007/08 to 38.1 percent in 2019/20. Also, number of households rarely experienced problems in satisfying food requirements in the last twelve months has decreased from 33.6 percent to 32.4 percent in 2019/20 agricultural years (Table 6.23).

Furthermore, the percentage of people experiencing food problems requirement sometimes has slightly increased from 9.9 percent in 2007/08 to 10.0 percent of households in 2019/20, and those often-experienced food problems have increased by 9.3 percent from 9.7 percent in 2007/08 to 19.0 percent in 2019/20.

**Figure 6.3: Percentage of Agricultural Households Reported the Status of Food Satisfaction in the Last Twelve Months During 2019/20 Agricultural Year, Tanzania**



In Mainland Tanzania, a total of 2,930,023 households (38.3 percent) reported never experienced food insufficiency, followed by those reported to seldomly experienced food insufficiency (2,864,069 households; 32.2 percent), while 28,953 households (0.4 percent) reported to always experienced food insufficiency.

In Tanzania Zanzibar, a total of 73,405 households (40.7 percent) reported seldomly experienced food insufficiency, followed by those reported never to experienced food insufficiency (59,162 households; 32.8 percent), while 373 households (0.2 percent) reported to always experienced food insufficiency.

**Table 6.23: Number and Percentage of Households Reported Status of Food Satisfaction in the Last Twelve Months During 2007/08 and 2019/20 Agricultural Year, Tanzania**

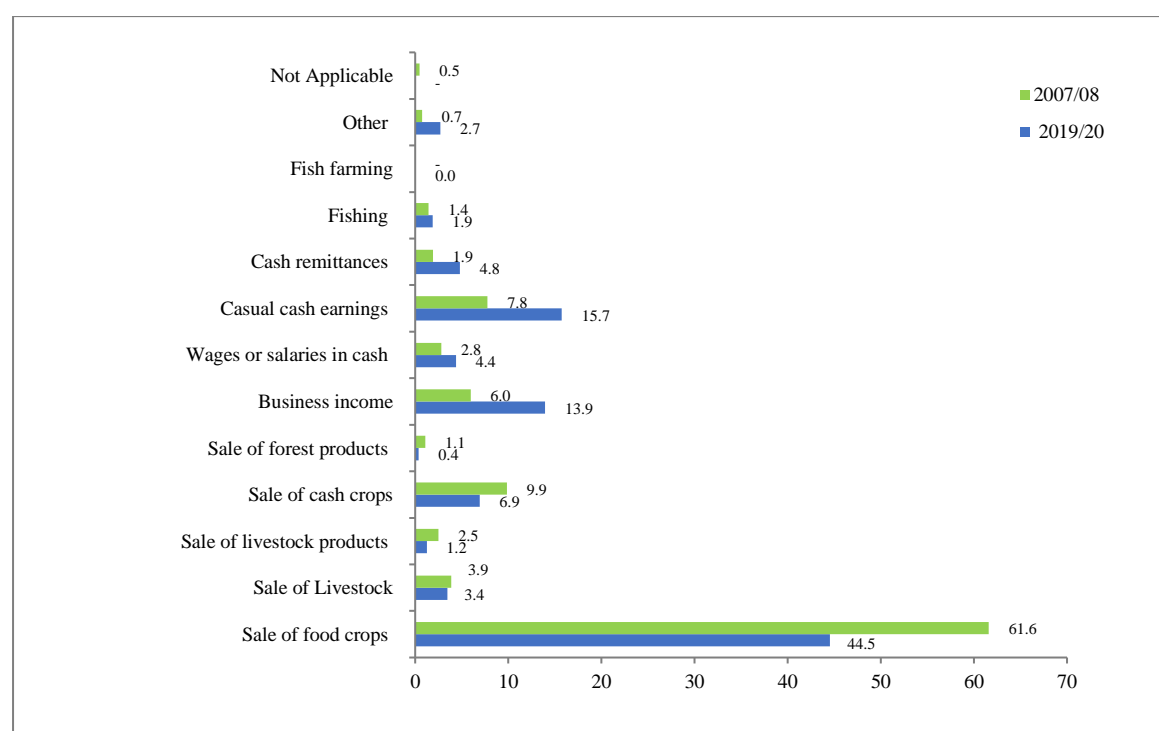
Year	Satisfaction	Tanzania		Mainland Tanzania		Tanzania Zanzibar	
		Number	Percent	Number	Percent	Number	Percent
2019/20	Never	2,989,185	38.1	2,930,023	38.3	59,162	32.8
	Seldom	2,541,474	32.4	2,468,069	32.2	73,405	40.7
	Sometimes	785,165	10.0	769,820	10.1	15,345	8.5
	Often	1,492,258	19.0	1,460,322	19.1	31,936	17.7
	Always	29,326	0.4	28,953	0.4	373	0.2
	<b>Total</b>	<b>7,837,408</b>	<b>100.0</b>	<b>7,657,187</b>	<b>100.0</b>	<b>180,221</b>	<b>100.0</b>
2007/08	Never	2,362,254	40.5	2,308,002	40.4	54,252	41.0
	Seldom	1,960,865	33.6	1,913,138	33.5	47,727	36.1
	Sometimes	580,026	9.9	567,835	10.0	12,192	9.2
	Often	567,716	9.7	556,312	9.7	11,404	8.6
	Always	367,662	6.3	361,043	6.3	6,619	5.0
	<b>Total</b>	<b>5,838,523</b>	<b>100.0</b>	<b>5,706,329</b>	<b>100.0</b>	<b>132,193</b>	<b>100.0</b>

### 6.11.5 Main Source of Household Income

During 2019/20 agricultural year, a total of 3,490,327 agricultural households (44.5 percent) reported sales of food crops as the main source of cash income in Tanzania. It was followed by casual earnings (1,234, 056; 15.7 percent) and business income (1,093,310; 13.9 percent). Furthermore, fish farming was reported by few households (2,729; 0.03 percent) as their main source of income (Figure 6.4).

In comparison, the number of households reported casual cash earnings as among of the earning activity was increased by 7.9 percent from 7.8 percent in 2007/08 to 15.7 percent in 2019/20. Likewise, there was an increase by 7.9 percent of household that reported business income as the earning activity from 6.0 percent in 2007/08 to 13.9 percent in 2019/20 agricultural years.

**Figure 6.4: Percentage of Households by Main Source of Cash Income in 2007/08 and 2019/20 Agricultural Years, Tanzania**



In Mainland Tanzania, the sales of food crops were the main source of households' income (3,457,562; 45.2 percent), on which Kagera region reported the highest number households (297,861; 8.6 percent), followed by Dodoma (278,882; 8.1 percent) and Morogoro (233,838; 6.8 percent). Katavi region had the least number of households (42,702; 1.2 percent) reported sales of food crops as main source of households' income.



In Tanzania Zanzibar, the leading source of cash income was casual cash earnings (34,505;19.1 percent), on which Kusini Pemba region reported the highest number households (9,447; 27.4 percent), followed by Kaskazini Pemba (8,897; 25.8 percent) and Kusini Unguja had the least number of households (3,161; 9.2 percent) reported casual cash earnings as main source of households' income (Table 6.24).

**Table 6.24: Percentage of Agricultural Households Reported Main Source of Household Income During 2007/08 and 2019/20 Agriculture Censuses, Tanzania**

Main Source	2019/20			2007/08		
	Tanzania	Mainland Tanzania	Tanzania Zanzibar	Tanzania	Mainland Tanzania	Tanzania Zanzibar
Sale of food crops	44.5	45.2	18.2	61.6	62.3	31.4
Sale of Livestock	3.4	3.5	0.9	3.9	3.9	1.7
Sale of livestock products	1.2	1.2	1.4	2.5	2.5	2.5
Sale of cash crops	6.9	7	3.4	9.9	10	2.9
Sale of forest products	0.4	0.4	0.1	1.1	1.1	1
Business income	13.9	13.9	17.5	6	5.8	12.8
Wages or salaries in cash	4.4	4.3	9.5	2.8	2.6	12.6
Casual cash earnings	15.7	15.7	19.1	7.8	7.7	9.9
Cash remittances	4.8	4.6	10.7	1.9	1.8	8.2
Fishing	1.9	1.6	15.5	1.4	1.1	14.9
Fish farming	0.03	0.04	-	n/a	n/a	n/a
Other	2.7	2.7	3.6	0.7	0.7	1.2
Not Applicable	n/a	n/a	n/a	0.5	0.5	0.8
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## CHAPTER SEVEN

### CONCLUSION AND RECOMMENDATION

#### 7.0 Introduction

The 2019/20 National Sample Census of Agriculture collected a large amount of data on, inter alia, crops and livestock production, planted and harvested areas, input use, storage, marketing, farmer's access to extension services, as well as fish farming. The coverage was both for smallholder farmers and large scale farms. Wherever possible, data for the 2019/20 Census is compared with the previous censuses data so as to identify any structural changes between the census periods.

The conclusion is organized into four sections. The first section gives conclusions with respect to the current status of agriculture in Tanzania in general. It focuses on the agricultural household characteristics; main type of agricultural activities of the household; and land access and use pattern. The second section describes conclusion regarding the current status of crop sub-sector in Tanzania, and it focuses mainly on production, area under production and productivity, use of inputs, irrigation farming and access to extension services. The third section gives conclusion with regard to the main findings of the livestock sub-sector and focuses on livestock numbers by species, regional distribution of livestock, livestock diseases, access to livestock extension services and their contribution to crop production. The fourth section discusses conclusion in regard to fish farming in terms of fish farming systems, type of stocked fish and production, fish sales and fish feeds.

#### 7.1 Conclusion

##### 7.1.1 Status of the Agriculture in Tanzania

1. The 2019/20 National Sample Census of Agriculture results show that, a total of 7,837,405 households were involved in agricultural activities, of which 7,657,185 (97.7 percent) were in Mainland Tanzania and 180,220 (2.3 percent) in Tanzania Zanzibar. In term of locality, 6,325, 358 (80.7 percent) households were in rural areas and 1,512,043 (19.3 percent) of the households were in urban areas. The number of agricultural households has increased from 5,838,523 in 2007/08 to 7,837,405 in 2019/20 NSCA. Crop production was the most common agricultural activity at the national level with 5,088,135 households (64.3 percent), followed by 2,589,156 households (33.3 percent) engaged in crop and livestock, 157,290 households (2.0 percent) engaged in livestock only, whilst the least

number of households were involved in fish farming (1,358), followed by pastoralism (1,465) jointly having less than one percent;

2. It has been observed that, there has been an increasing trend for the households involved in “crop only”, “crop and livestock” and “livestock only” activities since the last two Agriculture Census conducted in 2002/03 and 2007/08, while decreasing trend has been revealed for those households involved in “pastoralist” activities;
3. In Mainland Tanzania, large number of households engaged in agriculture were recorded in Dodoma, Kagera, Dar es Salaam, Morogoro and Mwanza regions ranged from 400,000 to 520,000 households; followed by Mbeya, Tabora, Tanga, Kigoma, Ruvuma, and Mtwara regions ranged between 300,000 and 400,000 households. Katavi region had the least number of households engaged in agriculture (76,867), followed by Njombe (160,108). In Tanzania Zanzibar, Kusini Pemba and Kaskazini Pemba had large number of agriculture households ranged between 40,000 and 55,000 households, while region with the least number of households engaged in agriculture was Kusini Unguja with 17,593 households;
4. The population of agricultural household members in Tanzania was 40,992,748 (39,902,860 in Mainland Tanzania and 1,089,888 in Tanzania Zanzibar), of which 49.8 percent were males and 50.2 percent were females. The population of agricultural household’s members has increased from 31 million in 2007/08 to 41 million in 2019/20 NSCA. Furthermore, about 44 percent of the 2019/20 agricultural population was below 15 years of age while that of the 15-64 years age group which participates most in production accounted for 51 percent of the agricultural population and 5 percent of the population was above 65 years;
5. Taking together the number of agricultural households in Tanzania and the population of agricultural smallholder’s members, one can deduce that the average household size for agricultural household was 5.2 persons as compared to 5.3 in 2007/08. In Mainland Tanzania, Simiyu region had the largest average number of persons per household (7.3), followed by Tabora and Geita (7.1). The smallest household size was in Njombe (3.7), followed by Lindi (3.8). Tanzania Zanzibar had a slightly larger average household size than Mainland Tanzania with an average of 6.0 persons per household, and all of its regions having an average above 5 persons per household;

6. The 2019/20 NSCA results show that total usable land available to smallholder farmers was 20,588,267 ha (20,588,027 were in Mainland Tanzania and 186,240 in Tanzania Zanzibar), equivalent to 2.7 ha per household. The total area of utilized land was 16,717,289 ha (80.5 percent of the total usable land available), giving an average land area utilized for agriculture per household of 2.1 ha;
7. The results further revealed that land was dominantly planted with annual crops occupying 57.9 percent of the total land area used in 2019/20, whereas permanent crops (including planted trees) accounts for 9.3 percent and 6.6 percent was planted with a mixture of annual and permanent crops. The area kept under fallow was 8.5 percent whereas the area under fish farming was the least common type of land use with 0.04 percent. Only 5.9 percent of usable land available to smallholder farmers was not used;
8. At national level, about one-third (33.0 percent) of the agricultural households indicated to have sufficient land available for their use, while the remaining 67.0 percent considered the land to be insufficient. Land sufficiency in Tanzania Zanzibar (51.2 percent) was relatively better compared to that of Mainland Tanzania (32.6 percent);
9. Land sufficiency varied greatly between regions of Mainland Tanzania. In Mtwara, Lindi and Pwani regions at least 50 percent or slightly more of the households reported land sufficiency while all other regions reported land sufficiency below 50 percent. In the latter group, land scarcity was most acute in Arusha, Rukwa, Kilimanjaro, Simiyu and Katavi regions where more than 80 percent of the households reported land insufficiency. On the other hand, Mjini Magharibi and Kaskazini Pemba in Tanzania Zanzibar showed acute land scarcity with land sufficiency below 50 percent;
10. During the 2019/20 agricultural year, most of the agricultural households were affected by the climate changes, high cost of inputs, limited access to land, pest and diseases, as well as low prices for their agricultural produce; and
11. Climate change and theft were the main challenges faced by the agricultural households in Mainland Tanzania and Tanzania Zanzibar, respectively.

### **7.1.2 Status of Crop Sub-sector in Tanzania**

1. The crop sub-sector plays an important role in Tanzania economy providing jobs, subsistence and income to 7,677,291 agricultural households growing crops (98.0 percent of the total agriculture households). The number of crops growing households has increased by 32.9 percent since the 2007/08 agriculture census;
2. There is a wide variety of crops grown in the country, nevertheless, maize dominates smallholder crop production. Other important food crops include cassava, bananas, paddy, beans and groundnuts. The rest of the crops were only grown in small amounts, albeit, some of these crops such as tea, cashew nuts and coffee have significant importance in certain areas where the climate is more suitable for their production;
3. Maize, paddy and sorghum were the major cereal crops grown in Tanzania during the 2019/20 agricultural year, occupying the largest planted area. Among the three major crops, maize had a largest share of planted area compared to others, while the least crop was sorghum;
4. The 2019/20 NSCA results show that, the total production of major cereal crops in Tanzania was 10,761,562 tons, whereby maize was leading (6,504,727 tons), followed paddy (3,380,715 tons) and sorghum (601,470 tons);
5. Cassava, sweet potatoes and Irish potatoes, were reported as major grown roots and tuber crops for 2019/20 agricultural year, occupying the total area of 1,095,051 hectares. The total production of these crops was 2,594,224 tons, while cassava contributing larger part of it compared to other crops. Cassava and sweet potatoes were the major roots and tuber crops produced in both Mainland Tanzania and Tanzania Zanzibar;
6. It was also observed that, beans and cow-peas were the major pulses grown in the country, in 2019/20 agricultural year. The total area occupied by these crops was 889,556 hectares, while beans taking the largest part of it. On the other hand, the total production of these two crops by both smallholder farmers and large-scale farms were 802,379 tons;
7. In 2019/20 agricultural year, oil seeds and nuts were grown in Tanzania, occupying a total planted area of 1,523,321 hectares. This area was utilized by both smallholder and large-scale farmers. Sunflower, sesame and palm oil were observed as main oil seeds and nuts grown in Tanzania, together occupying 1,495,109 hectares (97.6 percent) of the planted area;

8. The total production of oil seeds and nuts was 1,299,367 tons, of which groundnuts was leading with a total of 621,697 tons, followed by sunflower with 504,422 tons and sesame with production of 128,842 tons. Groundnuts observed to produce largest part of production of oil seeds and nuts in both Mainland Tanzania and Tanzania Zanzibar;
9. The 2019/20 NSCA results show that, out of the 7,677,291 agriculture's households growing crops, 411,108 households (5.4 percent) practiced irrigation (88.4 percent in Mainland Tanzania and 11.6 percent in Tanzania Zanzibar). These households irrigated an area of 289,386 hectares planted with crops (94.3 percent in Mainland Tanzania; 5.7 percent in Tanzania Zanzibar), equivalent to 2.5 percent of the total area planted with crops;
10. It has been observed that, out of the total area cultivated (11.8 million hectares) during the 2019/20 agricultural year, more than 75 percent of it was planted with local seed, while the share of improved seed was 22 percent;
11. The census results show that, 2.8 million hectares (20.2 percent of the total planted area) was applied with fertilizer (2.7 million hectares were in Mainland Tanzania and 40,024 hectares in Tanzania Zanzibar). Area applied with inorganic fertilizers dominated by 60.4 percent when compared to area applied with inorganic fertilizers;
12. The majority of the agricultural households in the country processed their maize crop, with the purpose of adding value, followed by those households which processed paddy, and then sunflower, as compared to other crops, during the reference period. Most of the agricultural households in Tanzania Zanzibar, reported to process paddy crop compared with other types of crops;
13. Crop yields are very low as can be implied from limited capital investment in smallholder agriculture as well as very small areas undertaking irrigated agriculture and the use of complementary inputs such as fertilizer and pesticides is equally low;
14. Low coverage of extension services was evident; some of the highest crop producing regions received less extension than other regions. Even though oxen use is largely limited to areas that have large population of cattle such as Shinyanga hand cultivation remains the predominant means of land cultivation; and

15. Besides most of the smallholder farmers being affected by climate change (17.8 percent), other constraints that affected the agricultural activities during 2019/20 agriculture year were cost of inputs (15.6 percent), access to land (13.5 percent), low prices of agricultural produces (7.2 percent), and pest and diseases (6.7 percent).

### **7.1.3 Status of the Livestock Sub-sector in Tanzania**

1. The 2019/20 NSCA results show that, main livestock species kept by smallholder farmers include cattle, goats, sheep, pigs and chicken. In 2019/20 Agricultural year, there were about 2.7 million households which kept livestock. In the surveyed households, cattle were the most dominant specie followed by goats, sheep and pigs. As of 1<sup>st</sup> August 2020, the respective numbers and percentages were 33,928,391 (48.3 percent) for cattle, 24,568,495 (35.0 percent) for goats, 8,516,990 (12.1 percent) for sheep and 3,208,493 (4.6 percent) for pigs. Most of the livestock (99.2 percent) were kept by the smallholder farmers. The contribution of large-scale farms being less than one percent. The total number of chickens reported was 87.7 million, of which 75.1 million were recorded from smallholders and 12.5 million from large scale farms;
2. For the three consecutive agriculture censuses conducted, the results show that, there is an increasing trend of livestock population in the country;
3. Branding and cattle's colour were the main method of cattle identification used by households in Mainland Tanzania and Tanzania Zanzibar, respectively;
4. The total production of cow milk in the country from smallholder farmers and large-scale farms for 2019/20 agricultural years was about 3 billion litres, goat milk production was about 21 million litres; and
5. Methods used to control ticks for cattle, goat and sheep were spraying, dipping and smearing. The census results show that more than 73 percent of the households keeping livestock in the country, reported to use spraying method to control tick disease on cattle, goat and sheep.

#### **7.1.4 Status of Fish Farming in Tanzania**

1. It was reported that, more than 26,662 of smallholder households and 78 large scale farms were engaged in fish farming in the country, during the 2019/20 agricultural year;
2. Tilapia stocked by the majority of smallholder households in Mainland Tanzania, compared with other available species, accounting for 83.3 percent of the total production of fish. Milkfish was the only specie stocked by smallholder farmers and large-scale farms in Tanzania Zanzibar with total production of 64 tons; and
3. It has been reported that, there was an increase of more than 100 percent of agricultural households practicing fish farming in the country since 2007/08 NSCA.

### **7.2 Recommendations**

#### **7.2.1 Crop Sub sector**

##### **1. Crop Productivity**

Crop productivity varied from one crop to another. In general, productivity for most crops was low compared to existing potential.

*Recommendation: Steps should be taken to encourage the use of good agricultural practices such as improved seeds, fertilizer application, spacing, agro-chemicals as well as market intensification which aims at increasing productivity of the crop production sub-sector in the country.*

##### **2. Use of Inputs**

- i). Generally, the use of inputs including improved seeds, fertilizers and pesticides is low (less than 25 percent of planted area) and it varied across regions. Of these inputs, improved seeds were most widely used (22.1 percent of planted areas was planted with improved seeds). However, although proportion of area applied with inorganic fertilizers (60.4 percent) was higher than that of organic fertilizers (39.6 percent), the use of fertilizer among smallholder households is very minimum. Also, albeit the use of pesticides was rather limited, most households used more insecticides than fungicides and herbicides.

*Recommendation: Use of improved seeds, fertilizers and pesticides inputs is essential for enhancing crop productivity under smallholder farming setting*



*countrywide. Hence timely availability and access of these inputs is very critical in addressing the prevailing challenge.*

- ii). More efforts should be put in place to increase the timely availability/access of inputs in the country, which might promote the use of it for crop production by smallholder farmers.

### **3. Access to Land**

Majority of households reported insufficient access to land. The high proportion of households reporting land insufficiency is consistent with the low average land available per household (2.7 ha). Land scarcity was most acute in Arusha, Rukwa, Katavi and Simiyu regions where more than 80 percent of the households reported land insufficiency.

*Recommendation: Government should work out a strategy to overcome land insufficiency especially in regions with acute problem of land scarcity. Methodologies for increasing crop production should concentrate more on crop intensification rather than increasing area under cultivation.*

### **4. Irrigation Farming**

Only a small proportion of crop land (2.5 percent of planted area) was irrigated. Consequently, benefits of using productivity enhancing inputs such as improved seeds, fertilizers and pesticides are not fully exploited.

*Recommendation: Efforts must be made to ensure expansion of irrigation facilities and development of new ones in order to assure that majority of farmers have access to these facilities*

### **5. Access to Extension Services**

In general, almost all regions, access to extension services was rather limited, with less than 10 percent of the smallholder farmers receiving extension service advices. Nevertheless, Public staff provided the main source of extension advice to smallholder farmers.

*Recommendation: Besides enhancing access to extension services, joint participation of government and private sector in providing extension service should aim to improve the quality of its services to ensure increased adoption of improved practices for increased crop productivity.*

### **7.3.2 Livestock Sub sector**

1. Based on the decrease of number of agricultural households engaged in pastoralism in the country, the Government should keep on promoting commercial livestock industry;
2. About 50 percent of the cattle keeping households used the recommended method of identification (branding and earings). Therefore, Government efforts on increasing awareness of identification of livestock to livestock keeping households should be enhanced in line with “*The Livestock Identification, Registration and Traceability Act, 2010*”; and
3. Despite the Government effort towards establishing milk collection centres, census results, revealed that about 10 percent of the households used milk collection centre to sell their milk. Therefore, Government should continue with its efforts to create awareness and promote the use of milk collection centre system so as to commercialise milk industry.

### **7.2.3 Fish Farming**

Despite the increase of more than 100 percent of agricultural households practicing fish farming in the country since 2007/08 NSCA, more efforts to create awareness and promote commercial aquaculture to bridge the fish demand is needed.

## **LIST OF APPENDICES**

- Appendix I: List of Tables
- Appendix II: Listing Form
- Appendix III: Smallholder Farmers Questionnaire
- Appendix IV: Organization of the Census

## APPENDIX I: LIST OF TABLES

Table 2.1:	Number and Percentage of Agricultural Households by Type of Residence and Region During 2019/20 Agricultural Year, Tanzania.....	297
Table 2.2:	Number and Percentage of Agricultural Households by Type of Agricultural Activity and Region During 2019/20 Agricultural Year, Tanzania .....	298
Table 2.3:	Number and Percentage of Agricultural Households by Sex of Household Head and Region During 2019/20 Agricultural Year, Tanzania .....	299
Table 2.4:	Number and Percentage of Agricultural Households by Type and Size of Holding During 2019/20 Agricultural Year, Tanzania .....	300
Table 2.5:	Number and Percentage of Agricultural Households by Type and Size of Holding During 2019/20 Agricultural Year, Mainland Tanzania.....	300
Table 2.6:	Number and Percentage of Agricultural Households by Type and Size of Holding, 2019/20 Agricultural Year, Tanzania Zanzibar .....	301
Table 2.7:	Number and Percentage of Agricultural Household Members by Sex and Region During 2019/20 Agricultural Year, Tanzania.....	303
Table 2.8:	Number and Percentage of Agricultural Household Members by Sex and Age Group During 2019/20 Agricultural Year, Tanzania .....	304
Table 2.9:	Number and Percentage of Agricultural Household Members by Sex and Age Group During 2019/20 Agricultural Year, Mainland Tanzania .....	304
Table 2.10:	Number and Percentage of Agricultural Household Members by Sex and Age Group During 2019/20 Agricultural Year, Tanzania Zanzibar .....	305
Table 2.11:	Number of Household Members Below 18 Years Reported Survival of their Parents by Region During 2019/20 Agricultural Year, Tanzania.....	306
Table 2.12:	Number and Percentage of Agricultural Household Members Aged 5 Years and Above, Who Can Read and Write by Type of Language and Region During 2019/20 Agricultural Year, Tanzania.....	307
Table 2.13:	Number and Percentage of Agricultural Household Members Aged 5 Years and Above by Schooling Status and Region During 2019/20 Agricultural Year, Tanzania.....	308
Table 2.14:	Number of Agricultural Household Members Aged 5 Years and Above by Highest Level of Formal Education Reached and Region During 2019/20 Agricultural Year, Tanzania.....	309
Table 2.15:	Number and Percentage of Agricultural Household Members Aged 5 Years and Above by Level of Involvement in Farming Activities and Region During 2019/20 Agricultural Year, Tanzania.....	311

Table 2.16: Number of Agricultural Household Members Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Region During 2019/20 Agricultural Year, Tanzania.....	312
Table 2.17: Number of Agricultural Household Members Aged 15 Years and Above by Level of Involvement in Farming Activities, Sex and Region During 2019/20 Agricultural, Tanzania .....	313
Table 2.18: Number of Agricultural Household Member Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Age Group During 2019/20 Agricultural Year, Tanzania .....	314
Table 2.19: Number of Agricultural Household Member Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Age Group During 2019/20 Agricultural Year, Mainland Tanzania.....	315
Table 2.20: Number of Agricultural Household Members Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Age Group During 2019/20 Agricultural Year, Tanzania Zanzibar .....	316
Table 2.21: Number of Agricultural Household Members Aged 5 Years and Above by Main Activity and Region During 2019/20 Agricultural Year, Tanzania .....	317
Table 2.22: Number of Agricultural Household Members Aged 18 Years and Above Involved in Value Addition by Sex and Region During 2019/20 Agricultural Year, Tanzania.....	319
Table 2.23: Number of Agricultural Household Members Aged 18 Years and Above Owning Land by Sex and Region During 2019/20 Agricultural Year, Tanzania .....	320
Table 2.24: Number of Agricultural Household Members with Title Deed Possession Aged 18 Years and Above by Sex and Region During 2019/20 Agricultural Year, Tanzania.....	321
Table 2.25: Number of Agricultural Household Members Aged 18 Years and Above by Tenure Type and Region During 2019/20 Agricultural Year, Tanzania .....	322
Table 2.26: Number of Agricultural Household Members Aged 18 Years and Above who were Members of Cooperative or Farmers Organization or Both by Sex and Region During 2019/20 Agricultural Year, Tanzania .....	323
Table 2.27: Number of Agricultural Households Members Aged 18 Years and Above Involved in Agricultural Activities as Main Activity and Generating Off Farm Income by Region During 2019/20 Agricultural Year, Tanzania .....	325
Table 2.28: Area of Land by Type of Land Access/Ownership/Tenure and Region During 2019/20 Agricultural Year, Tanzania .....	326
Table 2.29: Number of Agricultural Households by Type of Land Access/Ownership/Tenure and Region During 2019/20 Agricultural Year, Tanzania .....	327

Table 2.30: Number and Percentage of Agricultural Households Reported Whether All Land Available to the Household was Used by Region During 2019/20 Agricultural Year, Tanzania.....	328
Table 2.31: Number and Percentage of Agricultural Households by Whether they Consider Having Sufficient Land for the Household and Region During 2019/20 Agricultural Year, Tanzania.....	329
Table 2.32: Number and Percentage of Agricultural Households by Whether Female Members of the Household Own or have Customary Right to Land by Region During 2019/20 Agricultural Year, Tanzania.....	330
Table 2.33: Number of Agricultural Households that Majority of Agricultural Land Located in Different Regions During 2019/20 Agricultural Year, Tanzania .....	331
Table 2.34: Area of Land Operated by Agricultural Households by Forms of Land Use and Region During 2019/20 Agricultural Year, Tanzania.....	334
Table 2.35: Number of Agricultural Households by Type of Land Use and Region for 2019/20 Agricultural Year, Tanzania .....	335
Table 2.36: Number and Percentage of Agricultural Households Practicing Conservational Farming by Region During 2019/20 Agricultural Year, Tanzania .....	336
Table 2.37: Number and Percentage of Agricultural Households Practicing Conservational Farming by Methods and Region During 2019/20 Agricultural Year, Tanzania.....	337
Table 2.38: Number of Agricultural Households Reported Average Distance from the Fields to Homestead by Region During 2019/20 Agricultural Year, Tanzania .....	339
Table 2.39: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Road by Region During 2019/20 Agricultural Year, Tanzania .....	342
Table 2.40: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Market by Region During 2019/20 Agricultural Year, Tanzania .....	345
Table 2.41: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Dry Season During 2019/20 Agricultural Year, Tanzania.....	348
Table 2.42: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Wet Season During 2019/20 Agricultural Year, Tanzania.....	352
Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania .....	356

Table 3.1:	Number and Percentage of Agricultural Households Planted Crops by Season and Region During 2019/20 Agricultural Year, Tanzania.....	365
Table 3.2:	Number and Percentage of Agricultural Households and Area Planted by Season and Region During 2019/20 Agricultural Year, Tanzania.....	366
Table 3.3:	Number of Agricultural Households by Area Planted and Crop During 2019/20 Agricultural Year, Tanzania.....	367
Table 3.4:	Number of Agricultural Households by Area Planted and Crop During 2019/20 Agricultural Year, Tanzania Zanzibar .....	369
Table 3.5:	Area Planted, Area Harvested, Quantity Harvested and Yield by Crop During 2019/20 Agricultural Year, Tanzania .....	371
Table 3.6:	Area Planted, Area Harvested, Quantity Harvested and Yield by Crop During 2019/20 Agricultural Year, Mainland Tanzania .....	373
Table 3.7:	Area Planted, Area Harvested, Quantity Harvested and Yield by Crop During 2019/20 Agricultural Year, Tanzania Zanzibar .....	375
Table 3.8:	Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON .....	377
Table 3.9:	Number of Agricultural Households by Source of Water for Irrigation by Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON .....	382
Table 3.10:	Number of Agricultural Households by Method Used to Obtain Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON .....	383
Table 3.11:	Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON .....	384
Table 3.12:	Number of Agricultural Households by Source of Water for Irrigation by Region During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON .....	389
Table 3.13:	Number of Agricultural Households by Method Used to Obtain Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON .....	390
Table 3.14:	Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON.....	391
Table 3.15:	Number of Agricultural Households Using Source of Water for Irrigation by Region During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON .....	396
Table 3.16:	Number of Agricultural Households by Method Used to Obtain Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON.....	397

Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON .....	399
Table 3.18: Number of Agricultural Households Reporting Improved Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	430
Table 3.19: Number of Agricultural Households Reporting Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	431
Table 3.20: Number of Agricultural Households Reporting Both Improved and Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	432
Table 3.21: Number of Agricultural Households Reporting Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	433
Table 3.22: Number of Agricultural Households Reporting Organic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	434
Table 3.23: Number of Agricultural Households Reporting Inorganic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	435
Table 3.24: Number of Agricultural Households Reporting Herbicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	436
Table 3.25: Number of Agricultural Households Reporting Fungicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	437
Table 3.26: Number of Agricultural Households Reporting Insecticides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season .....	438
Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON .....	440
Table 3.28: Number of Agricultural Households Reporting Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	470
Table 3.29: Number of Agricultural Households Reporting Organic Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	471



Table 3.30: Number of Agricultural Households Reporting Inorganic Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	472
Table 3.31: Number of Agricultural Households Reporting Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	473
Table 3.32: Number of Agricultural Households Reporting Organic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON.....	474
Table 3.33: Number of Agricultural Households Reporting Inorganic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON.....	475
Table 3.34: Number of Agricultural Households Reporting Herbicide Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	476
Table 3.35: Number of Agricultural Households Reporting Fungicide Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	477
Table 3.36: Number of Agricultural Households Reporting Insecticide Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON .....	478
Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON .....	480
Table 3.38: Number and Percentage of Agricultural Households Reported to Have Permanent Crops by Region During 2019/20 Agricultural Year, Tanzania .....	511
Table 3.39: Number of Agricultural Households Planted Mono/Mixed Permanent Crops by Region, During 2019/20 Agricultural Year, Tanzania .....	512
Table 3.40: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop During 2019/20 Agricultural Year, Tanzania .....	513
Table 3.41: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop During 2019/20 Agricultural Year, Mainland Tanzania.....	514
Table 3.42: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop During 2019/20 Agricultural Year, Tanzania Zanzibar .....	515
Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania .....	516
Table 3.44: Number of Agricultural Households and Planted Area with Irrigation Use by Permanent Crop During 2019/20 Agricultural Year, Tanzania .....	541

Table 3.45: Number of Agricultural Households and Planted Area with Irrigation Use by Permanent Crop During 2019/20 Agricultural Year, Mainland Tanzania .....	542
Table 3.46: Number of Agricultural Households and Planted Area with Irrigation Use by Permanent Crop During 2019/20 Agricultural Year, Tanzania Zanzibar.....	543
Table 3.47: Number of Agricultural Households Reporting Improved Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	544
Table 3.48: Number of Agricultural Households Reporting Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	545
Table 3.49: Number of Agricultural Households Reporting Both Improved and Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	546
Table 3.50: Number of Agricultural Households Reporting Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	547
Table 3.51: Number of Agricultural Households Reporting Organic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	548
Table 3.52: Number of Agricultural Households Reporting Inorganic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	549
Table 3.53: Number of Agricultural Households Reporting Herbicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	550
Table 3.54: Number of Agricultural Households Reporting Fungicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	551
Table 3.55: Number of Agricultural Households Reporting Insecticides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS.....	552
Table 3.56: Number of Agricultural Households Reported to Process Different Crops by Region During 2019/20 Agricultural Year, Tanzania.....	554
Table 3.57: Quantity of Main Product Produced by Type of Crop Processed and Region During 2019/20 Agricultural Year, Tanzania.....	555
Table 3.58: Number of Agricultural Households Reported to Sell Flour/Mill Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania.....	557

Table 3.59: Number of Agricultural Households Reported to Sell Grains Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania.....	558
Table 3.60: Number of Agricultural Households Reported to Sell Oil Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania.....	559
Table 3.61: Number of Agricultural Households Reported to Sell Fiber Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania.....	560
Table 3.62: Number of Agricultural Households Reported to Sell Other Products Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania.....	561
Table 3.63: Number of Agricultural Households Reported Different Type of Packaging by Main Product and Region During the 2019/20 Agricultural Year, Tanzania .....	562
Table 3.64: Number of Agricultural Households Reported to Use Farm Implements/Assets by Region During 2019/20 Agricultural Year, Tanzania .....	566
Table 3.65: Number of Farm Implements/Assets Owned by the Agricultural Household by Region During 2019/20 Agricultural Year, Tanzania .....	567
Table 3.66: Number of Agricultural Households Reported Use of Tractors/Draft Animals to Cultivate Land by Region During 2019/20 Agricultural Year, Tanzania .....	568
Table 3.67: Number of Tractors/Draft Animals Owned by Agricultural Households by Region During 2019/20 Agricultural Year, Tanzania.....	569
Table 3.68: Number of Agricultural Households Reported to Practice Irrigation by Region During 2019/20 Agricultural Year, Tanzania.....	570
Table 3.69: Number of Agricultural Households Practicing Irrigation by Main Source of Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania .....	571
Table 3.70: Number of Agricultural Households Reported to Practice Irrigation by Main Methods of Irrigation and Region During 2019/20 Agricultural Year, Tanzania .....	572
Table 3.71: Area of Potential Irrigatable Land and Irrigated land by Region During 2019/20 Agricultural Year, Tanzania.....	573
Table 3.72: Number of Agricultural Households Reported to Experience Soil Erosion Problem and Practice Soil Erosion Control by Region During 2019/20 Agricultural Year, Tanzania.....	574

Table 3.73: Number of Agricultural Households Reported to Use Different Types of Erosion Control by Region During 2019/20 Agricultural Year, Tanzania .....	575
Table 3.74: Number of Erosion Control Structures by Type and Region During 2019/20 Agricultural Year, Tanzania.....	576
Table 3.75: Number of Household Reported to Use Tractors/Draft Animals to Cultivate Land by Region During 2019/20 Agricultural Year, Tanzania.....	577
Table 3.76: Number of Agricultural Households Reported to Receive Extension Advice for Crop Production by Region During 2019/20 Agricultural Year, Tanzania .....	579
Table 3.77: Number of Agricultural Households Received Extension Advice for Crop Production by Type and Region During 2019/20 Agricultural Year, Tanzania .....	580
Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Spacing and Use of Agro-Chemicals by Source and Region During 2019/20 Agricultural Year, Tanzania .....	582
Table 4.1: Number and Percentage of Agricultural Households Raising Cattle by Region During 2019/20 Agricultural Year, Tanzania.....	590
Table 4.2: Number and Percentage of Cattle by Type and Region as of 1st August 2020, Tanzania .....	591
Table 4.3: Number and Percentage of Agricultural Households Rearing Cattle and Herd of Cattle by Herd Size as of 1st August 2020, Tanzania .....	592
Table 4.4: Number and Percentage of Agricultural Households Rearing Cattle and Herd of Cattle by Herd Size as of 1st August 2020, Mainland Tanzania .....	592
Table 4.5: Number and Percentage of Agricultural Households Rearing Cattle and Herd of Cattle by Herd Size as of 1st August 2020, Tanzania Zanzibar .....	592
Table 4.6: Number and Percentage of Cattle by Category and Type of Cattle as of 1st August 2020, Tanzania.....	593
Table 4.7: Number of Indigenous Cattle by Category of Cattle and Region as of 1st August 2020, Tanzania.....	594
Table 4.8: Number of Improved Dairy Cattle by Category of Cattle and Region as of 1st August 2020, Tanzania .....	595
Table 4.9: Number of Improved Beef Cattle by Category and Region as of 1st August 2020, Tanzania.....	596
Table 4.10: Number of Cattle Intake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	597
Table 4.11: Number of Cattle Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania .....	601

Table 4.12: Number of Cattle Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	603
Table 4.13: Number of Cattle Offtake Sold/Traded and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania.....	607
Table 4.14: Number of Agricultural Households Reported Occurrence of Cattle Diseases by Type of Disease and Region During 2019/20 Agricultural Year, Tanzania .....	609
Table 4.15: Number of Reported Cases of Cattle Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania.....	611
Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania .....	614
Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania .....	621
Table 4.18: Number of Agricultural Households Raising Cattle by Method of Cattle Identification and Region During 2019/20 Agricultural Year, Tanzania .....	628
Table 4.19: Number of Agricultural Households Reported Cow Milk Production by Region During 2019/20 Agricultural Year, Tanzania.....	630
Table 4.20: Number of Milked Cows by Category of Cattle, Season and Region During 2019/20 Agricultural Year, Tanzania .....	631
Table 4.21: Average Milk Production per Cow per Day (Improved) and Lactation Length by Season and Region During 2019/20 Agricultural Year, Tanzania .....	632
Table 4.22: Average Milk Production per Cow per Day (Indigenous) and Lactation Length by Season and Region During 2019/20 Agricultural Year, Tanzania .....	633
Table 4.23: Cow Milk Production by Category of Cattle, Season and Region During 2019/20 Agricultural Year, Tanzania.....	634
Table 4.24: Quantity of Cow Milk Consumed by Household, Sold and Average Price by Season and Region During 2019/20 Agricultural Year, Tanzania.....	635
Table 4.25: Number of Agricultural Household by Cow Milk Outlet and Region During 2019/20 Agricultural Year, Tanzania .....	636
Table 4.26: Number and Percentage of Agricultural Households Raising Goats by Category and Region During 2019/20 Agricultural Year, Tanzania .....	638
Table 4.27: Number and Percentage of Goats by Goat Type and Region as of 1st August 2020, Tanzania.....	639

Table 4.28: Number of Goats by Type, Category and Region as of 1st August 2020, Tanzania .....	640
Table 4.29: Number and Percentage of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1st August 2020, Tanzania.....	642
Table 4.30: Number and Percentage of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1st August 2020, Mainland Tanzania .....	642
Table 4.31: Number and Percentage of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1st August 2020, Tanzania Zanzibar .....	642
Table 4.32: Number and Percentage of Goats by Category and Type of Goats as of 1st August 2020, Tanzania.....	643
Table 4.33: Number and Percentage of Indigenous Goats by Category and Region as of 1st August 2020, Tanzania .....	644
Table 4.34: Number and Percentage of Improved Goats for Meat by Category and Region as of 1st August 2020, Tanzania.....	645
Table 4.35: Number of Improved Dairy Goats by Category of Goat and Region as of 1st August 2020, Tanzania.....	646
Table 4.36: Number and Percentage of Goats by Goat Type and Region as of 1st August 2020, Tanzania.....	647
Table 4.37: Number of Goat Intake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	648
Table 4.38: Number of Goat Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania.....	650
Table 4.39: Number of Goats Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	651
Table 4.40: Number of Agricultural Households Reported Occurrence of Goat Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania .....	654
Table 4.41: Number of Reported Cases of Goat Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania.....	656
Table 4.42: Number of Agricultural Household Reported Year of Last Vaccination by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania .....	660
Table 4.43: Number of Agricultural Households Reported Main Source of Vaccine by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania .....	665
Table 4.44: Number of Households Reported Goat Milk Production by Region During 2019/20 Agricultural Year, Tanzania .....	670



Table 4.45: Number of Milked Goats, Milk Production per Goat per Day, Lactation Length and by Season and Region, During 2019/20 Agricultural Year, Tanzania .....	671
Table 4.46: Quantity of Goat Milk Consumed, Sold by Household and Average Price by Season and Region During 2019/20 Agricultural Year, Tanzania.....	672
Table 4.47: Number of Agricultural Household by Goat Milk Outlet and Region During 2019/20 Agricultural Year, Tanzania .....	673
Table 4.48: Number and Percentage of Households Rearing Sheep by Region During 2019/20 Agricultural Year, Tanzania.....	675
Table 4.49: Number and Percentage of Sheep by Type and Region as of 1st August 2020, Tanzania .....	676
Table 4.50: Number of Sheep by Type, Category and Region as of 1st August 2020, Tanzania .....	677
Table 4.51: Number and Percentage of Households Rearing Sheep and Heads of Sheep by Flock Size as of 1 <sup>st</sup> August 2020, Tanzania .....	678
Table 4.52: Number and Percentage of Households Rearing Sheep and Heads of Sheep by Flock Size as of 1 <sup>st</sup> August 2020, Mainland Tanzania.....	678
Table 4.53: Number and Percentage of Households Rearing Sheep and Heads of Sheep by Flock Size as of 1 <sup>st</sup> August 2020, Tanzania Zanzibar .....	678
Table 4.54: Number and Percentage of Sheep by Type and Category as of 1 <sup>st</sup> August 2020, Tanzania .....	678
Table 4.55: Number and Percentage of Indigenous Sheep by Category and Region as of 1 <sup>st</sup> August 2020, Tanzania .....	679
Table 4.56: Number and Percentage of Improved Sheep for Mutton by Category and Region as of 1 <sup>st</sup> August 2020, Tanzania.....	680
Table 4.57: Number of Sheep Intake by Category of Sheep and Region During 2019/20 Agricultural Year, Tanzania.....	681
Table 4.58: Number of Sheep Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania .....	683
Table 4.59: Number of Sheep Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	684
Table 4.60: Number of Agricultural Households Reported Occurrence of Sheep Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania .....	688
Table 4.61: Number of Reported Cases of Sheep Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania.....	689

Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania .....	691
Table 4.63: Number of Agricultural Household Reported Main Source of Vaccine by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania.....	697
Table 4.64: Number of Agricultural Households Reported to Raise Pigs by Region During 2019/20 Agricultural Year, Tanzania .....	701
Table 4.65: Number and Percentage of Agricultural Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Tanzania .....	702
Table 4.66: Number and Percentage of Agricultural Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Mainland Tanzania.....	702
Table 4.67: Number and Percentage of Agricultural Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Tanzania Zanzibar .....	702
Table 4.68: Number of Pigs and Average Number of Pigs per Household by Region as of 1 <sup>st</sup> August 2020, Tanzania .....	703
Table 4.69: Number and Percentage of Pigs by Category and Region as of 1 <sup>st</sup> August 2020, Tanzania .....	704
Table 4.70: Number of Pig Intake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	706
Table 4.71: Number of Pig Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania .....	708
Table 4.72: Number of Pig Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania.....	709
Table 4.73: Number of Agricultural Households Reported Occurrence of Pig Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania .....	713
Table 4.74: Number of Reported Cases of Pig Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania.....	714
Table 4.75: Number of Agricultural Household Reported Year of Last Vaccination by Pig Disease and Region During 2019/20 Agricultural Year, Tanzania .....	716
Table 4.76: Number of Agricultural Households Reported Main Source of Vaccine by Pig Disease and Region During 2019/20 Agricultural Year, Tanzania .....	718
Table 4.77: Number and Percentage of Agricultural Households Reported Raising Poultry by Region During 2019/20 Agricultural Year, Tanzania.....	721



Table 4.78: Number and Percentage of Chicken by Type and Region as of 1st August 2020, Tanzania .....	722
Table 4.79: Number and Percentage of Agricultural Households Rearing Chicken and Number of Chicken by Flock Size as of 1 <sup>st</sup> August 2020, Tanzania.....	723
Table 4.80: Number and Percentage of Agricultural Households Keeping Chicken and Average Number of Chicken per Household by Type and Flock Size as of 1 <sup>st</sup> August 2020, Tanzania .....	724
Table 4.81: Number and Percentage of Agricultural Households Keeping Chicken and Average Number of Chicken per Household by Type and Flock Size as of 1 <sup>st</sup> August 2020, Mainland Tanzania.....	724
Table 4.82: Number and Percentage of Agricultural Households Keeping Chicken and Average Number of Chicken per Household by Type and Flock Size as of 1 <sup>st</sup> August 2020, Tanzania Zanzibar .....	725
Table 4.83: Number of Households Keeping Other Poultry by Type and Region During 2019/20 Agricultural Year, Tanzania .....	726
Table 4.84: Number of Poultry Sold, Consumed and Average Price per Bird by Type and Region During 2019/20 Agricultural Year, Tanzania .....	727
Table 4.85: Number of Agricultural Households Reported Occurrence of Poultry Diseases by Type of Disease and Region During 2019/20 Agricultural Year, Tanzania .....	729
Table 4.86: Number of Birds Affected by Poultry Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania .....	730
Table 4.87: Number of Other Livestock by Type and Region as of 1 <sup>st</sup> August 2020, Tanzania .....	734
Table 4.88: Livestock Products by Type of Products, Sales and Consumption During 2019/20 Agricultural Year, Tanzania.....	735
Table 4.89: Livestock Products by Type of Products, Sales and Consumption During 2019/20 Agricultural Year, Mainland Tanzania .....	735
Table 4.90: Livestock Products by Type of Products, Sales and Consumption During 2019/20 Agricultural Year, Tanzania Zanzibar .....	735
Table 4.91: Number of Livestock Products by Type of Products and Region During 2019/20 Agricultural Year, Tanzania.....	736
Table 4.92: Number of Other Livestock Products Produced and Sold by Region During 2019/20 Agricultural Year, Tanzania .....	737
Table 4.93: Number of Households Reported the First Most Important Outlet for Sales of Cattle by Region During 2019/20 Agricultural Year, Tanzania .....	739
Table 4.94: Number of Households Reported the First Most Important Outlet for Sales of Goat by Region During 2019/20 Agricultural Year, Tanzania .....	740

Table 4.95: Number of Households Reported the First Most Important Outlet for Sales of Sheep by Region During 2019/20 Agricultural Year, Tanzania .....	741
Table 4.96: Number of Households Reported the First Most Important Outlet for Sales of Pig by Region During 2019/20 Agricultural Year, Tanzania.....	742
Table 4.97: Number of Households Reported the First Most Important Outlet for Sales of Chicken by Region During 2019/20 Agricultural Year, Tanzania .....	743
Table 4.98: Number of Agricultural Households Practicing Livestock Deworming by Region During 2019/20 Agricultural Year, Tanzania.....	745
Table 4.99: Number of Agricultural Households that Dewormed Livestock by Type of Livestock and Region During 2019/20 Agricultural Year, Tanzania.....	746
Table 4.100: Number and Percentage of Agricultural Households Normally Encountered Tick Problem by Region During 2019/20 Agricultural Year, Tanzania .....	747
Table 4.101: Number and Percentage of Agricultural Households by Method of Tick Control and Region During 2019/20 Agricultural Year, Tanzania.....	748
Table 4.102: Number and Percentage of Agricultural Households Normally Encountered Tsetse Flies Problem by Region During 2019/20 Agricultural Year, Tanzania.....	749
Table 4.103: Number and Percentage of Agricultural Households by Method Used to Control Tsetse Flies and Region During 2019/20 Agricultural Year, Tanzania .....	750
Table 4.104: Number and Percentage of Agricultural Households Reported New Castle Disease Problem by Region During 2019/20 Agricultural Year, Tanzania .....	751
Table 4.105: Number and Percentage of Agricultural Households by Method Used to Control Newcastle Disease and Region During 2019/20 Agricultural Year, Tanzania .....	752
Table 4.106: Number and Percentage of Agricultural Households Reported to Encounter Fowl Typhoid Problem by Region During 2019/20 Agricultural Year, Tanzania.....	753
Table 4.107: Number and Percentage of Agricultural Households by Method of Fowl Typhoid Control and Region During 2019/20 Agricultural Year, Tanzania .....	754
Table 4.108: Number and Percentage of Households Reported to Perform Vaccination Against Livestock Disease by Type and Region During 2019/20 Agricultural Year, Tanzania.....	755
Table 4.109: Number and Percentage of Agricultural Households Received Extension Advice for Livestock Production by Region During 2019/20 Agricultural Year, Tanzania .....	757

Table 4.110: Number and Percentage of Agricultural Households Reported the Source of Livestock Extension by Region During 2019/20 Agricultural Year, Tanzania .....	758
Table 4.111: Number and Percentage of Agricultural Households Reported to Receive Advice on Feeds and Proper Feeding by Source and Region During 2019/20 Agricultural Year, Tanzania.....	759
Table 4.112: Number and Percentage of Agricultural Households Reported to Receive Advice on Housing by Region During 2019/20 Agricultural Year, Tanzania .....	760
Table 4.113: Number and Percentage of Agricultural Households Reported to Receive Advice on Proper Milking and Milk Hygiene by Region During 2019/20 Agricultural Year, Tanzania.....	761
Table 4.114: Number and Percentage of Agricultural Households Reported to Receive Advice on Livestock Fattening by Region During 2019/20 Agricultural Year, Tanzania .....	762
Table 4.115: Number and Percentage of Agricultural Households Reported to Receive Advice on Disease Control by Region During 2019/20 Agricultural Year, Tanzania .....	763
Table 4.116: Number and Percentage of Agricultural Households Reported to Receive Advice on Flock Size and Selection by Region During 2019/20 Agricultural Year, Tanzania.....	764
Table 4.117: Number and Percentage of Agricultural Households Reported to Receive Advice on Livestock Keeping Based on Carrying Capacity by Region During 2019/20 Agricultural Year, Tanzania .....	765
Table 4.118: Number and Percentage of Agricultural Households Reported to Receive Advice on Pasture Establishment by Region During 2019/20 Agricultural Year, Tanzania.....	766
Table 4.119: Number and Percentage of Agricultural Households Reported to Receive Advice on Group Formation and Strengthening by Region During 2019/20 Agricultural Year, Tanzania.....	767
Table 4.120: Number and Percentage of Agricultural Households Reported to Receive Advice on Calf Rearing by Region During 2019/20 Agricultural Year, Tanzania .....	768
Table 4.121: Number and Percentage of Agricultural Households Reported to Receive Advice on Use of Improved Bull/Artificial Insemination (AI) by Region During 2019/20 Agricultural Year, Tanzania .....	769
Table 4.122: Number and Percentage of Agricultural Households Reported to Receive Advice on Livestock Branding by Region During 2019/20 Agricultural Year, Tanzania .....	770

Table 4.123: Number and Percentage of Agricultural Households Reported to Receive Advice on Castration by Region During 2019/20 Agricultural Year, Tanzania .....	771
Table 4.124: Number and Percentage of Agricultural Households Reported to Receive Advice on Other Extension Messages by Region During 2019/20 Agricultural Year, Tanzania.....	772
Table 4.125: Number of Agricultural Households Reported to Practice Livestock Extension Services by Region During 2019/20 Agricultural Year, Tanzania .....	773
Table 4.126: Number and Percentage of Agricultural Households Reported to Practice Fish Farming by Region During the 2019/20 Agricultural Year, Tanzania .....	777
Table 4.127: Number of Agricultural Households by Type of Water and Region During 2019/20 Agricultural Year, Tanzania .....	778
Table 4.128: Number of Agricultural Households by Source of Water and Region During 2019/20 Agricultural Year, Tanzania .....	779
Table 4.129: Number of Agricultural Households by Source of Fingerlings and Region During 2019/20 Agricultural Year, Tanzania.....	780
Table 4.130: Number of Agricultural Households by Source of Fingerlings, Production Unit and Region During 2019/20 Agricultural Year, Tanzania .....	781
Table 4.131: Number and Percentage of Fingerlings Stocked by Type and Region During 2019/20 Agricultural Year, Tanzania .....	782
Table 4.132: Number of Agricultural Households by Main Place of Selling Fish and Region During 2019/20 Agricultural Year, Tanzania.....	783
Table 4.133: Number of Agricultural Households by Frequency of Stocking of Fingerlings in Fish Ponds and Region During 2019/20 Agricultural Year, Tanzania .....	784
Table 4.134: Number of Households Reported Main Source of Fish Feeds, Amount Used and Average Price by Region During 2019/20 Agricultural Year, Tanzania .....	785
Table 4.135: Number of Fish Stocked, Type of Fish Stocked, Production and Average Price by Region During 2019/20 Agricultural Year, Tanzania.....	786
Table 4.136: Number and Percentage of Agricultural Households Involved in Beekeeping by Region During 2019/20 Agricultural Year, Tanzania.....	789
Table 4.137: Number of Agricultural Households Harvesting Honey by Type of Bee and Region During 2019/20 Agricultural Year, Tanzania .....	790
Table 4.138: Number of Agricultural Households, Type of Beehives and Bees by Region During 2019/20 Agricultural Year, Tanzania.....	791

Table 4.139: Quantity of Honey Produced, Sold and Average Price by Type of Bees and Region During 2019/20 Agricultural Year, Tanzania .....	792
Table 4.140: Number of Agricultural Households by Type of Bees, Main Market for Selling Honey and Region During 2019/20 Agricultural Year, Tanzania .....	793
Table 5.1: Number and Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities by Region During 2019/20 Agricultural Year, Tanzania.....	795
Table 5.2: Number of Agricultural Household Members Received First Credit by Source, Sex and Region During 2019/20 Agricultural Year, Tanzania .....	796
Table 5.3: Number of Agricultural Household Members Received Second Credit by Source, Sex and Region During 2019/20 Agricultural Year, Tanzania .....	797
Table 5.4: Number of Agricultural Household Members Reported the Use of First Credit by Region During 2019/20 Agricultural Year, Tanzania.....	798
Table 5.5: Number of Agricultural Household Members Reported the Use of Second Credit by Region During 2019/20Agricultural Year, Tanzania .....	799
Table 5.6: Value of First Credit and Repayment by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania .....	800
Table 5.7: Value of Second Credit and Repayment by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania .....	803
Table 5.8: Total Value of First and Second Credits and Repayments by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania.....	806
Table 5.9: Number and Percentage of Agricultural Households Reported Main Reason for Not Borrowing Credit by Region During 2019/20 Agricultural Year, Tanzania.....	809
Table 5.10: Number and Percentage of Households Reported 5 Most Important Agricultural Constraints Ranked from the Most Important During 2019/20 Agricultural Year, Tanzania.....	811
Table 5.11: Number and Percentage of Households Reported 5 Most Important Agricultural Constraints Ranked from the Most important During 2019/20 Agricultural Year, Mainland Tanzania .....	812
Table 5.12: Number and Percentage of Households Reported 5 Most Important Agricultural Constraints Ranked from the Most important During 2019/20 Agricultural Year, Tanzania Zanzibar .....	813
Table 6.1: Number and Percentage of Households Reported Materials Used for Roof Construction by Region During 2019/20 Agricultural Year, Tanzania .....	815

Table 6.2:	Number and Percentage of Households Reported Materials Used for Floor Construction by Region During 2019/20 Agricultural Year, Tanzania .....	816
Table 6.3:	Number and Percentage of Households Reported Materials Used for Wall Construction by Region During 2019/20 Agricultural Year, Tanzania .....	817
Table 6.4:	Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania .....	818
Table 6.5:	Number and Percentage of Agricultural Households Reported Main Source of Energy for Lighting by Region During 2019/20 Agricultural Year, Tanzania .....	826
Table 6.6:	Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking by Region During 2019/20 Agricultural Year, Tanzania .....	829
Table 6.7:	Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania.....	831
Table 6.8:	Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania.....	833
Table 6.9:	Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania .....	834
Table 6.10:	Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania.....	835
Table 6.11:	Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania.....	837
Table 6.12:	Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania .....	838
Table 6.13:	Number and Percentage of Agricultural Households by Type of Toilets by Region 2019/20 Agricultural Year, Tanzania .....	839
Table 6.14:	Number and Percentage of Agricultural Households Reported Number of Meals they Normally Has per Day by Region During 2019/20 Agricultural Year, Tanzania.....	840
Table 6.15:	Number and Percentage of Days Household Consumed Meat in the Last Seven Days by Region During 2019/20 Agricultural Year, Tanzania.....	841

Table 6.16: Number and Percentage of Agricultural Households Reported Number of Days the Household Consumed Fish in the Last Seven Days by Region During 2019/20 Agricultural Year, Tanzania.....	843
Table 6.17: Number and Percentage of Agricultural Households Reported Status of Food Satisfaction of the Household in the Past 12 Months by Region During 2019/20 Agricultural Year, Tanzania .....	845
Table 6.18: Number and Percentage of Agricultural Households Reported Main Source of Household Income by Region During 2019/20 Agricultural Year, Tanzania .....	846

## **TYPES OF AGRICULTURAL HOUSEHOLDS**



**Table 2.1: Number and Percentage of Agricultural Households by Type of Residence and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Rural		Urban	
		Number	Percent	Number	Percent
Dodoma	510,148	469,968	92.1	40,180	7.9
Arusha	221,016	188,401	85.2	32,615	14.8
Kilimanjaro	294,311	238,851	81.2	55,460	18.8
Tanga	351,412	303,766	86.4	47,646	13.6
Morogoro	413,216	325,636	78.8	87,580	21.2
Pwani	217,921	163,931	75.2	53,990	24.8
Dar es Salaam	414,300	-	-	414,300	100.0
Lindi	229,664	188,749	82.2	40,915	17.8
Mtwara	305,034	252,138	82.7	52,896	17.3
Ruvuma	332,020	270,089	81.3	61,931	18.7
Iringa	209,485	172,503	82.3	36,982	17.7
Mbeya	380,639	262,516	69.0	118,122	31.0
Singida	272,662	246,317	90.3	26,344	9.7
Tabora	369,971	334,900	90.5	35,071	9.5
Rukwa	218,249	170,172	78.0	48,077	22.0
Kigoma	348,378	309,765	88.9	38,613	11.1
Shinyanga	204,926	186,678	91.1	18,248	8.9
Kagera	483,019	460,621	95.4	22,399	4.6
Mwanza	406,034	310,266	76.4	95,768	23.6
Mara	233,931	220,029	94.1	13,901	5.9
Manyara	272,224	235,123	86.4	37,102	13.6
Njombe	160,108	134,067	83.7	26,041	16.3
Katavi	76,867	64,021	83.3	12,846	16.7
Simiyu	180,689	161,541	89.4	19,148	10.6
Geita	269,141	251,545	93.5	17,596	6.5
Songwe	281,820	241,529	85.7	40,291	14.3
<b>Mainland Tanzania</b>	<b>7,657,185</b>	<b>6,163,122</b>	<b>80.5</b>	<b>1,494,062</b>	<b>19.5</b>
Kaskazini Unguja	31,594	30,593	96.8	1,000	3.2
Kusini Unguja	17,593	16,685	94.8	908	5.2
Mjini Magharibi	35,873	29,130	81.2	6,742	18.8
Kaskazini Pemba	40,781	37,368	91.6	3,413	8.4
Kusini Pemba	54,379	48,460	89.1	5,918	10.9
<b>Tanzania Zanzibar</b>	<b>180,220</b>	<b>162,236</b>	<b>90.0</b>	<b>17,981</b>	<b>10.0</b>
<b>Tanzania</b>	<b>7,837,405</b>	<b>6,325,358</b>	<b>80.7</b>	<b>1,512,043</b>	<b>19.3</b>

**Table 2.2: Number and Percentage of Agricultural Households by Type of Agricultural Activity and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Type of Agricultural Activity									
		Crops only		Livestock only		Fish Farming only		Pastoralist		Crops and Livestock	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	510,148	316,814	62.1	727	0.1	-	-	-	-	192,607	37.8
Arusha	221,016	42,339	19.2	37,421	16.9	164	0.1	180	0.1	140,911	63.8
Kilimanjaro	294,311	116,438	39.6	9,771	3.3	-	-	654	0.2	167,447	56.9
Tanga	351,412	226,332	64.4	4,942	1.4	210	0.1	166	0.0	119,763	34.1
Morogoro	413,216	355,383	86.0	3,466	0.8	-	-	-	-	54,367	13.2
Pwani	217,921	192,334	88.3	4,611	2.1	-	-	110	0.1	20,866	9.6
Dar es Salaam	414,300	310,058	74.8	48,473	11.7	-	-	-	-	55,769	13.5
Lindi	229,664	214,450	93.4	637	0.3	202	0.1	-	-	14,375	6.3
Mtwara	305,034	283,642	93.0	1,139	0.4	-	-	-	-	20,253	6.6
Ruvuma	332,020	243,534	73.3	714	0.2	-	-	-	-	87,772	26.4
Iringa	209,485	169,258	80.8	685	0.3	-	-	-	-	39,542	18.9
Mbeya	380,639	226,955	59.6	6,596	1.7	-	-	-	-	147,088	38.6
Singida	272,662	132,261	48.5	520	0.2	377	0.1	-	-	139,504	51.2
Tabora	369,971	224,305	60.6	1,828	0.5	-	-	222	0.1	143,617	38.8
Rukwa	218,249	123,129	56.4	2,023	0.9	-	-	-	-	93,096	42.7
Kigoma	348,378	294,111	84.4	653	0.2	-	-	-	-	53,614	15.4
Shinyanga	204,926	108,091	52.7	986	0.5	-	-	133	0.1	95,716	46.7
Kagera	483,019	340,537	70.5	1,093	0.2	-	-	-	-	141,389	29.3
Mwanza	406,034	249,048	61.3	6,826	1.7	405	0.1	-	-	149,755	36.9
Mara	233,931	108,316	46.3	4,884	2.1	-	-	-	-	120,730	51.6
Manyara	272,224	95,493	35.1	8,582	3.2	-	-	-	-	168,150	61.8
Njombe	160,108	118,015	73.7	1,071	0.7	-	-	-	-	41,022	25.6
Katavi	76,867	54,194	70.5	1,470	1.9	-	-	-	-	21,203	27.6
Simiyu	180,689	85,723	47.4	2,737	1.5	-	-	-	-	92,229	51.0
Geita	269,141	181,309	67.4	461	0.2	-	-	-	-	87,371	32.5
Songwe	281,820	160,304	56.9	2,825	1.0	-	-	-	-	118,690	42.1
<b>Mainland Tanzania</b>	<b>7,657,185</b>	<b>4,972,373</b>	<b>64.9</b>	<b>155,141</b>	<b>2.0</b>	<b>1,358</b>	<b>0.02</b>	<b>1,465</b>	<b>0.02</b>	<b>2,526,846</b>	<b>33.0</b>
Kaskazini Unguja	31,594	23,299	73.7	571	1.8	-	-	-	-	7,724	24.4
Kusini Unguja	17,593	10,125	57.6	328	1.9	-	-	-	-	7,140	40.6
Mjini Magharibi	35,873	26,477	73.8	826	2.3	-	-	-	-	8,571	23.9
Kaskazini Pemba	40,781	25,370	62.2	106	0.3	-	-	-	-	15,306	37.5
Kusini Pemba	54,379	30,491	56.1	318	0.6	-	-	-	-	23,569	43.3
<b>Tanzania Zanzibar</b>	<b>180,220</b>	<b>115,762</b>	<b>64.2</b>	<b>2,149</b>	<b>1.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>62,310</b>	<b>34.6</b>
<b>Tanzania</b>	<b>7,837,405</b>	<b>5,088,135</b>	<b>64.9</b>	<b>157,290</b>	<b>2.0</b>	<b>1,358</b>	<b>0.02</b>	<b>1,465</b>	<b>0.02</b>	<b>2,589,156</b>	<b>33.0</b>

**Table 2.3: Number and Percentage of Agricultural Households by Sex of Household Head and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Sex of Household Head			
		Male		Female	
		Number	Percent	Number	Percent
Dodoma	510,148	383,142	75.1	127,006	24.9
Arusha	221,016	179,389	81.2	41,626	18.8
Kilimanjaro	294,311	223,519	75.9	70,792	24.1
Tanga	351,412	257,383	73.2	94,028	26.8
Morogoro	413,216	313,733	75.9	99,483	24.1
Pwani	217,921	163,662	75.1	54,259	24.9
Dar es Salaam	414,300	318,603	76.9	95,697	23.1
Lindi	229,664	166,259	72.4	63,405	27.6
Mtwara	305,034	218,410	71.6	86,624	28.4
Ruvuma	332,020	266,178	80.2	65,842	19.8
Iringa	209,485	145,064	69.2	64,421	30.8
Mbeya	380,639	287,331	75.5	93,308	24.5
Singida	272,662	220,666	80.9	51,996	19.1
Tabora	369,971	298,089	80.6	71,882	19.4
Rukwa	218,249	173,994	79.7	44,255	20.3
Kigoma	348,378	280,253	80.4	68,125	19.6
Shinyanga	204,926	165,912	81.0	39,015	19.0
Kagera	483,019	372,327	77.1	110,693	22.9
Mwanza	406,034	311,771	76.8	94,263	23.2
Mara	233,931	177,048	75.7	56,882	24.3
Manyara	272,224	218,656	80.3	53,568	19.7
Njombe	160,108	111,892	69.9	48,216	30.1
Katavi	76,867	62,119	80.8	14,748	19.2
Simiyu	180,689	140,092	77.5	40,598	22.5
Geita	269,141	220,282	81.8	48,860	18.2
Songwe	281,820	207,540	73.6	74,281	26.4
<b>Mainland Tanzania</b>	<b>7,657,185</b>	<b>5,883,314</b>	<b>76.8</b>	<b>1,773,873</b>	<b>23.2</b>
Kaskazini Unguja	31,594	25,964	82.2	5,629	17.8
Kusini Unguja	17,593	14,108	80.2	3,484	19.8
Mjini Magharibi	35,873	28,933	80.7	6,940	19.3
Kaskazini Pemba	40,781	32,471	79.6	8,310	20.4
Kusini Pemba	54,379	44,020	81.0	10,359	19.0
<b>Tanzania Zanzibar</b>	<b>180,220</b>	<b>145,496</b>	<b>80.7</b>	<b>34,722</b>	<b>19.3</b>
<b>Tanzania</b>	<b>7,837,405</b>	<b>6,028,810</b>	<b>76.9</b>	<b>1,808,595</b>	<b>23.1</b>

**Table 2.4: Number and Percentage of Agricultural Households by Type and Size of Holding During 2019/20 Agricultural Year, Tanzania**

Holding Size (ha)	Crops only		Livestock only		Fish Farming only		Pastoralist		Crops and Livestock		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 0.01	38,118	31.4	60,346	49.7	405	0.3	412	0.3	22,085	18.2	121,367
0.01 - 0.50	347,824	75.3	44,496	9.6	-	-	-	-	69,337	15.0	461,658
0.51 - 1.00	560,287	74.9	14,214	1.9	-	-	180	0.02	173,083	23.1	747,764
1.01 - 1.50	358,517	75.0	2,085	0.4	-	-	-	-	117,185	24.5	477,787
1.51 - 2.00	662,659	74.1	10,421	1.2	210	0.02	242	0.03	221,170	24.7	894,702
2.01 - 2.50	285,693	71.3	2,122	0.5	-	-	166	0.04	112,697	28.1	400,678
2.51 - 3.00	489,555	70.2	7,720	1.1	-	-	-	-	200,563	28.7	697,838
3.01 - 3.50	183,521	67.7	-	-	-	-	-	-	87,654	32.3	271,175
3.51 - 4.00	353,628	67.0	2,257	0.4	-	-	-	-	171,697	32.5	527,582
4.01 - 4.50	121,787	66.6	1,175	0.6	-	-	-	-	60,006	32.8	182,968
4.51 - 5.00	317,412	65.3	2,438	0.5	579	0.1	-	-	165,929	34.1	486,358
>5.00	1,369,132	53.3	10,017	0.4	164	0.01	464	0.02	1,187,753	46.3	2,567,530
<b>Total</b>	<b>5,088,133</b>	<b>64.9</b>	<b>157,291</b>	<b>2.0</b>	<b>1,358</b>	<b>0.02</b>	<b>1,464</b>	<b>0.02</b>	<b>2,589,159</b>	<b>33.0</b>	<b>7,837,405</b>

**Table 2.5: Number and Percentage of Agricultural Households by Type and Size of Holding During 2019/20 Agricultural Year, Mainland Tanzania**

Holding Size (ha)	Crops only		Livestock only		Fish Farming only		Pastoralist		Crops and Livestock		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 0.01	36,768	31.0	59,201	49.9	405	0.3	412	0.3	21,754	18.4	118,540
0.01 - 0.50	330,778	75.2	43,905	10.0	-	-	-	-	65,046	14.8	439,729
0.51 - 1.00	539,405	75.1	14,097	2.0	-	-	180	0.03	164,898	22.9	718,580
1.01 - 1.50	341,451	75.2	2,085	0.5	-	-	-	-	110,324	24.3	453,860
1.51 - 2.00	647,073	74.4	10,421	1.2	210	0.02	242	0.03	212,288	24.4	870,234
2.01 - 2.50	276,986	71.5	2,122	0.5	-	-	166	0.04	108,350	28.0	387,624
2.51 - 3.00	477,628	70.3	7,720	1.1	-	-	-	-	193,946	28.6	679,294
3.01 - 3.50	179,632	68.0	-	-	-	-	-	-	84,725	32.0	264,357
3.51 - 4.00	346,496	67.2	2,257	0.4	-	-	-	-	167,130	32.4	515,883
4.01 - 4.50	119,581	67.2	1,175	0.7	-	-	-	-	57,292	32.2	178,048
4.51 - 5.00	314,606	65.6	2,438	0.5	579	0.1	-	-	162,042	33.8	479,665
>5.00	1,361,971	53.4	9,721	0.4	164	0.01	464	0.02	1,179,052	46.2	2,551,372
<b>Total</b>	<b>4,972,374</b>	<b>64.9</b>	<b>155,142</b>	<b>2.0</b>	<b>1,358</b>	<b>0.02</b>	<b>1,464</b>	<b>0.02</b>	<b>2,526,847</b>	<b>33.0</b>	<b>7,657,185</b>

**Table 2.6: Number and Percentage of Agricultural Households by Type and Size of Holding, 2019/20 Agricultural Year, Tanzania Zanzibar**

Holding Size (ha)	Crops only		Livestock only		Fish Farming only		Pastoralist		Crops and Livestock		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
< 0.01	1,351	47.8	1,144	40.5	-	-	-	-	330	11.7	2,825
0.01 - 0.50	17,048	77.7	591	2.7	-	-	-	-	4,291	19.6	21,930
0.51 - 1.00	20,883	71.6	117	0.4	-	-	-	-	8,185	28.0	29,185
1.01 - 1.50	17,065	71.3	-	-	-	-	-	-	6,861	28.7	23,926
1.51 - 2.00	15,587	63.7	-	-	-	-	-	-	8,882	36.3	24,469
2.01 - 2.50	8,707	66.7	-	-	-	-	-	-	4,346	33.3	13,053
2.51 - 3.00	11,927	64.3	-	-	-	-	-	-	6,617	35.7	18,544
3.01 - 3.50	3,889	57.0	-	-	-	-	-	-	2,930	43.0	6,819
3.51 - 4.00	7,132	61.0	-	-	-	-	-	-	4,567	39.0	11,699
4.01 - 4.50	2,206	44.8	-	-	-	-	-	-	2,714	55.2	4,920
4.51 - 5.00	2,806	41.9	-	-	-	-	-	-	3,887	58.1	6,693
>5.00	7,161	44.3	296	1.8	-	-	-	-	8,700	53.8	16,157
<b>Total</b>	<b>115,762</b>	<b>64.2</b>	<b>2,148</b>	<b>1.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>62,310</b>	<b>34.6</b>	<b>180,220</b>

## HOUSEHOLD CHARACTERISTICS

**Table 2.7: Number and Percentage of Agricultural Household Members by Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Both Sexes	Sex			
		Male		Female	
		Number	Percent	Number	Percent
Dodoma	2,440,683	1,214,904	49.8	1,225,779	50.2
Arusha	1,120,941	570,205	50.9	550,736	49.1
Kilimanjaro	1,205,693	585,783	48.6	619,910	51.4
Tanga	1,741,532	877,286	50.4	864,246	49.6
Morogoro	1,900,120	936,085	49.3	964,035	50.7
Pwani	1,039,289	498,991	48.0	540,298	52.0
Dar es Salaam	1,848,480	933,548	50.5	914,931	49.5
Lindi	867,713	429,282	49.5	438,431	50.5
Mtwara	1,238,374	596,991	48.2	641,383	51.8
Ruvuma	1,592,125	788,055	49.5	804,071	50.5
Iringa	932,189	454,411	48.7	477,777	51.3
Mbeya	1,774,556	880,053	49.6	894,502	50.4
Singida	1,554,716	781,161	50.2	773,554	49.8
Tabora	2,631,976	1,334,797	50.7	1,297,179	49.3
Rukwa	1,277,560	636,996	49.9	640,564	50.1
Kigoma	1,927,149	956,777	49.6	970,372	50.4
Shinyanga	1,367,250	704,788	51.5	662,461	48.5
Kagera	2,471,868	1,209,872	48.9	1,261,995	51.1
Mwanza	2,531,638	1,264,883	50.0	1,266,755	50.0
Mara	1,312,691	667,227	50.8	645,464	49.2
Manyara	1,475,209	750,499	50.9	724,710	49.1
Njombe	588,304	276,177	46.9	312,127	53.1
Katavi	469,667	234,220	49.9	235,447	50.1
Simiyu	1,316,116	658,408	50.0	657,708	50.0
Geita	1,902,037	966,345	50.8	935,691	49.2
Songwe	1,374,984	667,135	48.5	707,850	51.5
<b>Mainland Tanzania</b>	<b>39,902,860</b>	<b>19,874,879</b>	<b>49.8</b>	<b>20,027,976</b>	<b>50.2</b>
Kaskazini Unguja	183,309	91,523	49.9	91,786	50.1
Kusini Unguja	91,136	46,649	51.2	44,487	48.8
Mjini Magharibi	222,565	107,573	48.3	114,992	51.7
Kaskazini Pemba	246,568	130,149	52.8	116,419	47.2
Kusini Pemba	346,310	166,230	48.0	180,080	52.0
<b>Tanzania Zanzibar</b>	<b>1,089,888</b>	<b>542,124</b>	<b>49.7</b>	<b>547,764</b>	<b>50.3</b>
<b>Tanzania</b>	<b>40,992,748</b>	<b>20,417,003</b>	<b>49.8</b>	<b>20,575,740</b>	<b>50.2</b>

**Table 2.8: Number and Percentage of Agricultural Household Members by Sex and Age Group During 2019/20 Agricultural Year, Tanzania**

Age Group	Total	Sex			
		Male		Female	
		Number	Percent	Number	Percent
0 - 4	5,586,237	2,779,623	49.8	2,806,614	50.2
5 - 9	6,238,759	3,146,906	50.4	3,091,853	49.6
10 - 14	6,215,017	3,160,177	50.8	3,054,840	49.2
15 - 19	4,505,705	2,425,091	53.8	2,080,614	46.2
20 - 24	3,034,570	1,500,480	49.4	1,534,090	50.6
25 - 29	2,319,622	1,060,342	45.7	1,259,280	54.3
30 - 34	2,104,253	951,657	45.2	1,152,596	54.8
35 - 39	1,974,045	902,659	45.7	1,071,386	54.3
40 - 44	1,832,281	889,014	48.5	943,267	51.5
45 - 49	1,716,975	856,758	49.9	860,217	50.1
50 - 54	1,343,943	675,654	50.3	668,289	49.7
55 - 59	1,027,890	530,268	51.6	497,622	48.4
60 - 64	971,935	503,957	51.9	467,978	48.1
65 - 69	687,922	344,246	50.0	343,676	50.0
70 - 74	534,937	265,685	49.7	269,252	50.3
75 - 79	340,140	175,843	51.7	164,297	48.3
80 - 84	263,444	120,137	45.6	143,307	54.4
85+	295,072	128,508	43.6	166,564	56.4
<b>Total</b>	<b>40,992,747</b>	<b>20,417,005</b>	<b>49.8</b>	<b>20,575,742</b>	<b>50.2</b>

**Table 2.9: Number and Percentage of Agricultural Household Members by Sex and Age Group During 2019/20 Agricultural Year, Mainland Tanzania**

Age Group	Total	Sex			
		Male		Female	
		Number	Percent	Number	Percent
0 - 4	5,440,815	2,707,597	49.8	2,733,218	50.2
5 - 9	6,065,055	3,059,481	50.4	3,005,574	49.6
10 - 14	6,059,725	3,081,127	50.8	2,978,598	49.2
15 - 19	4,365,723	2,352,898	53.9	2,012,825	46.1
20 - 24	2,940,816	1,452,814	49.4	1,488,002	50.6
25 - 29	2,254,205	1,029,651	45.7	1,224,554	54.3
30 - 34	2,051,321	929,220	45.3	1,122,101	54.7
35 - 39	1,930,570	884,302	45.8	1,046,268	54.2
40 - 44	1,788,205	869,121	48.6	919,084	51.4
45 - 49	1,676,188	837,542	50.0	838,646	50.0
50 - 54	1,308,944	656,993	50.2	651,951	49.8
55 - 59	1,001,569	516,776	51.6	484,793	48.4
60 - 64	946,820	490,523	51.8	456,297	48.2
65 - 69	672,867	335,805	49.9	337,062	50.1
70 - 74	516,008	254,479	49.3	261,529	50.7
75 - 79	332,749	171,010	51.4	161,739	48.6
80 - 84	259,101	117,794	45.5	141,307	54.5
85+	292,180	127,748	43.7	164,432	56.3
<b>Total</b>	<b>39,902,861</b>	<b>19,874,881</b>	<b>49.8</b>	<b>20,027,980</b>	<b>50.2</b>



**Table 2.10: Number and Percentage of Agricultural Household Members by Sex and Age Group During 2019/20 Agricultural Year, Tanzania Zanzibar**

Age Group	Total	Sex			
		Male		Female	
		Number	Percent	Number	Percent
0 - 4	145,422	72,026	49.5	73,396	50.5
5 - 9	173,704	87,425	50.3	86,279	49.7
10 - 14	155,292	79,050	50.9	76,242	49.1
15 - 19	139,982	72,192	51.6	67,790	48.4
20 - 24	93,755	47,667	50.8	46,088	49.2
25 - 29	65,418	30,692	46.9	34,726	53.1
30 - 34	52,932	22,437	42.4	30,495	57.6
35 - 39	43,475	18,357	42.2	25,118	57.8
40 - 44	44,076	19,893	45.1	24,183	54.9
45 - 49	40,787	19,216	47.1	21,571	52.9
50 - 54	35,000	18,662	53.3	16,338	46.7
55 - 59	26,321	13,492	51.3	12,829	48.7
60 - 64	25,116	13,435	53.5	11,681	46.5
65 - 69	15,055	8,441	56.1	6,614	43.9
70 - 74	18,929	11,206	59.2	7,723	40.8
75 - 79	7,391	4,833	65.4	2,558	34.6
80 - 84	4,343	2,343	53.9	2,000	46.1
85+	2,893	760	26.3	2,133	73.7
<b>Total</b>	<b>1,089,891</b>	<b>542,127</b>	<b>49.7</b>	<b>547,764</b>	<b>50.3</b>

**Table 2.11: Number of Household Members Below 18 Years Reported Survival of their Parents by Region During 2019/20 Agricultural Year, Tanzania**

Region	Survival of Mother				Survival of Father			
	Total	Yes	No	Don't know	Total	Yes	No	Don't know
Dodoma	1,279,299	1,251,639	26,842	818	1,279,298	1,209,514	60,215	9,569
Arusha	550,293	544,221	5,739	333	550,294	519,664	27,883	2,747
Kilimanjaro	495,750	483,956	9,524	2,270	495,750	469,179	20,076	6,495
Tanga	857,422	835,783	21,010	629	857,422	806,070	43,384	7,968
Morogoro	895,666	872,214	22,197	1,255	895,665	839,796	47,379	8,490
Pwani	499,371	485,644	13,477	250	499,371	464,366	30,709	4,296
Dar es Salaam	660,216	641,987	15,287	2,942	660,217	634,055	23,705	2,457
Lindi	357,755	348,049	6,470	3,236	357,755	337,421	18,305	2,029
Mtwara	544,684	534,284	9,711	689	544,684	506,170	33,771	4,743
Ruvuma	757,219	737,126	18,473	1,620	757,220	684,214	45,691	27,315
Iringa	433,164	416,691	16,327	146	433,163	383,537	41,790	7,836
Mbeya	862,254	826,771	32,505	2,978	862,254	786,926	62,997	12,331
Singida	819,469	804,795	13,046	1,628	819,469	764,748	44,618	10,103
Tabora	1,484,666	1,453,568	29,881	1,217	1,484,665	1,402,905	68,483	13,277
Rukwa	743,697	710,171	31,265	2,261	743,698	693,482	47,481	2,735
Kigoma	1,046,390	1,021,673	18,768	5,949	1,046,391	987,053	44,952	14,386
Shinyanga	769,922	749,778	19,402	742	769,922	730,629	35,457	3,836
Kagera	1,355,575	1,320,668	28,582	6,325	1,355,575	1,248,385	93,607	13,583
Mwanza	1,394,889	1,359,871	27,944	7,074	1,394,888	1,292,592	90,647	11,649
Mara	702,123	686,114	12,818	3,191	702,123	632,638	65,296	4,189
Manyara	760,631	743,913	15,582	1,136	760,631	714,850	39,384	6,397
Njombe	258,624	251,805	6,402	417	258,625	238,392	15,608	4,625
Katavi	259,029	252,693	6,033	303	259,029	242,981	13,517	2,531
Simiyu	756,113	743,946	10,618	1,549	756,112	716,457	35,407	4,248
Geita	1,109,360	1,085,230	21,887	2,243	1,109,360	1,046,137	53,680	9,543
Songwe	731,026	713,480	16,625	921	731,026	693,004	35,422	2,600
<b>Mainland Tanzania</b>	<b>20,384,607</b>	<b>19,876,070</b>	<b>456,415</b>	<b>52,122</b>	<b>20,384,607</b>	<b>19,045,165</b>	<b>1,139,464</b>	<b>199,978</b>
Kaskazini Unguja	89,664	88,237	1,259	168	89,665	84,741	4,291	633
Kusini Unguja	41,812	40,767	740	305	41,813	38,212	2,335	1,266
Mjini Magharibi	104,445	100,556	3,846	43	104,445	100,318	3,739	388
Kaskazini Pemba	130,738	128,250	2,488	-	130,738	124,841	5,897	-
Kusini Pemba	192,289	189,944	2,345	-	192,289	186,773	5,516	-
<b>Tanzania Zanzibar</b>	<b>558,948</b>	<b>547,754</b>	<b>10,678</b>	<b>516</b>	<b>558,950</b>	<b>534,885</b>	<b>21,778</b>	<b>2,287</b>
<b>Tanzania</b>	<b>20,943,555</b>	<b>20,423,824</b>	<b>467,093</b>	<b>52,638</b>	<b>20,943,557</b>	<b>19,580,050</b>	<b>1,161,242</b>	<b>202,265</b>

**Table 2.12: Number and Percentage of Agricultural Household Members Aged 5 Years and Above, Who Can Read and Write by Type of Language and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Type of Language							
		Swahili		Swahili & English		Any other Language		Can't Read/Write	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	2,113,867	1,301,716	61.6	193,969	9.2	17,969	0.9	600,213	28.4
Arusha	955,343	536,040	56.1	153,229	16.0	16,650	1.7	249,424	26.1
Kilimanjaro	1,083,282	788,973	72.8	210,276	19.4	1,345	0.1	82,688	7.6
Tanga	1,553,935	1,062,400	68.4	197,327	12.7	7,884	0.5	286,324	18.4
Morogoro	1,678,872	1,158,564	69.0	196,963	11.7	7,353	0.4	315,992	18.8
Pwani	917,912	623,159	67.9	89,340	9.7	5,095	0.6	200,318	21.8
Dar es Salaam	1,689,279	975,071	57.7	601,420	35.6	6,138	0.4	106,650	6.3
Lindi	784,810	542,925	69.2	53,171	6.8	7,386	0.9	181,328	23.1
Mtwara	1,109,970	733,379	66.1	121,053	10.9	7,292	0.7	248,246	22.4
Ruvuma	1,402,843	1,074,047	76.6	127,581	9.1	9,984	0.7	191,231	13.6
Iringa	827,307	543,500	65.7	161,747	19.6	2,893	0.3	119,167	14.4
Mbeya	1,545,801	1,082,354	70.0	253,955	16.4	7,981	0.5	201,511	13.0
Singida	1,334,967	894,550	67.0	150,089	11.2	14,669	1.1	275,659	20.6
Tabora	2,187,970	1,195,838	54.7	163,221	7.5	31,133	1.4	797,778	36.5
Rukwa	1,075,924	717,362	66.7	90,784	8.4	6,641	0.6	261,137	24.3
Kigoma	1,638,012	1,036,661	63.3	158,256	9.7	19,610	1.2	423,485	25.9
Shinyanga	1,144,620	664,283	58.0	116,585	10.2	27,821	2.4	335,931	29.3
Kagera	2,114,873	1,378,354	65.2	202,294	9.6	20,643	1.0	513,582	24.3
Mwanza	2,149,574	1,388,334	64.6	306,634	14.3	35,761	1.7	418,845	19.5
Mara	1,136,750	835,719	73.5	115,823	10.2	12,129	1.1	173,079	15.2
Manyara	1,260,225	894,931	71.0	88,505	7.0	22,434	1.8	254,355	20.2
Njombe	525,423	405,867	77.2	43,954	8.4	1,770	0.3	73,832	14.1
Katavi	395,787	252,528	63.8	28,183	7.1	4,529	1.1	110,547	27.9
Simiyu	1,096,471	655,872	59.8	90,486	8.3	14,880	1.4	335,233	30.6
Geita	1,571,008	906,579	57.7	175,405	11.2	17,831	1.1	471,193	30.0
Songwe	1,167,223	725,651	62.2	100,616	8.6	9,009	0.8	331,947	28.4
<b>Mainland Tanzania</b>	<b>34,462,048</b>	<b>22,374,657</b>	<b>64.9</b>	<b>4,190,866</b>	<b>12.2</b>	<b>336,830</b>	<b>1.0</b>	<b>7,559,695</b>	<b>21.9</b>
Kaskazini Unguja	157,837	77,349	49.0	54,610	34.6	591	0.4	25,287	16.0
Kusini Unguja	81,431	57,018	70.0	18,253	22.4	319	0.4	5,841	7.2
Mjini Magharibi	192,805	113,538	58.9	55,785	28.9	575	0.3	22,907	11.9
Kaskazini Pemba	216,764	98,177	45.3	49,359	22.8	2,111	1.0	67,117	31.0
Kusini Pemba	295,628	112,418	38.0	111,887	37.8	1,798	0.6	69,525	23.5
<b>Tanzania Zanzibar</b>	<b>944,465</b>	<b>458,500</b>	<b>48.5</b>	<b>289,894</b>	<b>30.7</b>	<b>5,394</b>	<b>0.6</b>	<b>190,677</b>	<b>20.2</b>
<b>Tanzania</b>	<b>35,406,513</b>	<b>22,833,157</b>	<b>64.5</b>	<b>4,480,760</b>	<b>12.7</b>	<b>342,224</b>	<b>1.0</b>	<b>7,750,372</b>	<b>21.9</b>

**Table 2.13: Number and Percentage of Agricultural Household Members Aged 5 Years and Above by Schooling Status and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Schooling Status							
		Attending School		Drop Out		Completed		Never Attended School	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	2,113,867	729,730	34.5	243,182	11.5	583,242	27.6	557,713	26.4
Arusha	955,342	339,106	35.5	65,893	6.9	312,566	32.7	237,778	24.9
Kilimanjaro	1,083,283	373,226	34.5	59,542	5.5	581,210	53.7	69,305	6.4
Tanga	1,553,936	606,806	39.0	141,279	9.1	577,195	37.1	228,656	14.7
Morogoro	1,678,872	565,718	33.7	143,313	8.5	681,356	40.6	288,485	17.2
Pwani	917,911	336,804	36.7	56,009	6.1	355,768	38.8	169,331	18.4
Dar es Salaam	1,689,279	521,836	30.9	89,326	5.3	989,516	58.6	88,601	5.2
Lindi	784,809	233,677	29.8	89,696	11.4	324,017	41.3	137,420	17.5
Mtwara	1,109,969	361,058	32.5	95,776	8.6	462,304	41.7	190,830	17.2
Ruvuma	1,402,843	506,469	36.1	106,907	7.6	652,802	46.5	136,666	9.7
Iringa	827,307	326,424	39.5	101,653	12.3	304,968	36.9	94,263	11.4
Mbeya	1,545,801	568,182	36.8	124,753	8.1	669,228	43.3	183,637	11.9
Singida	1,334,967	493,351	37.0	101,103	7.6	501,041	37.5	239,472	17.9
Tabora	2,187,970	703,819	32.2	206,995	9.5	593,901	27.1	683,255	31.2
Rukwa	1,075,924	429,382	39.9	93,329	8.7	316,805	29.4	236,408	22.0
Kigoma	1,638,012	628,924	38.4	152,430	9.3	537,843	32.8	318,816	19.5
Shinyanga	1,144,620	404,360	35.3	114,555	10.0	338,215	29.5	287,491	25.1
Kagera	2,114,873	829,463	39.2	185,071	8.8	670,954	31.7	429,385	20.3
Mwanza	2,149,573	891,497	41.5	213,749	9.9	701,757	32.6	342,570	15.9
Mara	1,136,749	477,488	42.0	43,134	3.8	473,291	41.6	142,837	12.6
Manyara	1,260,225	425,846	33.8	76,049	6.0	458,671	36.4	299,659	23.8
Njombe	525,424	184,991	35.2	31,347	6.0	247,598	47.1	61,489	11.7
Katavi	395,785	137,315	34.7	46,841	11.8	104,387	26.4	107,242	27.1
Simiyu	1,096,471	418,115	38.1	86,568	7.9	331,637	30.2	260,151	23.7
Geita	1,571,008	610,332	38.8	169,723	10.8	418,958	26.7	371,995	23.7
Songwe	1,167,223	411,236	35.2	83,032	7.1	405,248	34.7	267,708	22.9
<b>Mainland Tanzania</b>	<b>34,462,043</b>	<b>12,515,155</b>	<b>36.3</b>	<b>2,921,255</b>	<b>8.5</b>	<b>12,594,478</b>	<b>36.5</b>	<b>6,431,163</b>	<b>18.7</b>
Kaskazini Unguja	157,837	62,833	39.8	29,120	18.4	43,351	27.5	22,533	14.3
Kusini Unguja	81,431	31,491	38.7	14,888	18.3	30,359	37.3	4,693	5.8
Mjini Magharibi	192,805	79,054	41.0	27,834	14.4	71,661	37.2	14,256	7.4
Kaskazini Pemba	216,765	90,079	41.6	34,610	16.0	39,531	18.2	52,545	24.2
Kusini Pemba	295,628	136,985	46.3	51,796	17.5	64,075	21.7	42,771	14.5
<b>Tanzania Zanzibar</b>	<b>944,466</b>	<b>400,442</b>	<b>42.4</b>	<b>158,248</b>	<b>16.8</b>	<b>248,977</b>	<b>26.4</b>	<b>136,798</b>	<b>14.5</b>
<b>Tanzania</b>	<b>35,406,509</b>	<b>12,915,597</b>	<b>36.5</b>	<b>3,079,503</b>	<b>8.7</b>	<b>12,843,455</b>	<b>36.3</b>	<b>6,567,961</b>	<b>18.6</b>

**Table 2.14: Number of Agricultural Household Members Aged 5 Years and Above by Highest Level of Formal Education Reached and Region During 2019/20 Agricultural Year, Tanzania**

Region	Highest Level of School Reached										Training after Primary Education
	Total	Under Standard One	Standard One	Standard Two	Standard Three	Standard Four	Standard Five	Standard Six	Standard Seven	Standard Eight	
Dodoma	1,556,155	96,387	43,562	55,863	70,791	139,002	95,434	80,938	644,461	4,226	14,516
Arusha	717,565	47,201	20,875	33,343	34,823	42,823	33,504	35,421	270,794	1,195	7,459
Kilimanjaro	1,013,977	42,841	21,194	31,642	38,188	67,205	47,385	36,190	450,685	10,362	11,606
Tanga	1,325,280	67,330	37,625	52,413	61,500	100,454	78,040	73,720	526,054	5,476	14,392
Morogoro	1,390,385	75,022	34,400	36,196	54,427	97,299	75,067	74,955	620,771	3,128	16,142
Pwani	748,581	39,926	22,446	26,975	35,155	47,044	39,390	39,868	309,072	2,716	5,956
Dar es Salaam	1,600,680	57,148	35,028	33,499	62,610	65,841	51,993	44,262	612,298	12,465	7,652
Lindi	647,389	32,431	19,731	22,967	28,874	47,672	32,795	33,390	304,864	2,879	5,771
Mtwara	919,137	29,978	33,030	38,892	43,795	78,181	48,512	55,809	421,953	1,385	4,736
Ruvuma	1,266,178	57,507	31,801	53,575	48,473	86,995	67,732	66,412	598,969	6,452	10,798
Iringa	733,046	48,266	17,285	25,597	30,187	42,570	34,647	31,373	299,405	4,904	12,439
Mbeya	1,362,165	59,851	44,888	56,648	59,082	87,691	76,062	65,167	565,347	3,986	5,402
Singida	1,095,495	64,413	37,251	39,828	51,215	82,942	66,002	53,842	492,758	1,934	6,921
Tabora	1,504,716	41,538	52,683	92,897	82,100	120,423	111,363	89,247	591,305	3,142	15,714
Rukwa	839,515	52,119	28,267	34,734	47,127	60,897	59,336	49,162	309,916	1,718	13,354
Kigoma	1,319,197	66,344	47,730	52,809	81,679	105,979	100,838	85,121	498,937	3,179	15,987
Shinyanga	857,129	29,570	30,632	39,547	51,378	65,612	55,619	55,161	336,019	2,944	10,137
Kagera	1,685,488	93,910	46,539	76,514	94,127	155,437	114,325	96,059	631,586	1,273	28,124
Mwanza	1,807,004	92,537	62,812	82,539	94,653	140,686	118,032	118,534	650,409	5,754	16,832
Mara	993,912	46,222	26,278	33,197	41,823	62,940	61,253	57,539	450,773	3,715	9,778
Manyara	960,564	37,508	23,217	32,556	45,245	69,500	53,763	52,689	420,130	1,969	9,601
Njombe	463,936	23,453	14,791	21,878	15,808	26,489	28,845	25,499	219,178	1,115	5,676
Katavi	288,543	14,446	11,135	15,265	13,828	25,374	21,378	19,548	109,858	390	3,434
Simiyu	836,319	38,062	25,924	40,013	38,077	64,433	58,518	48,412	332,402	2,139	7,105
Geita	1,199,013	44,820	39,012	65,887	68,010	93,603	87,172	78,073	414,693	2,315	16,466
Songwe	899,514	46,323	41,409	45,563	38,676	58,089	51,020	51,833	391,024	1,618	6,465
<b>Mainland Tanzania</b>	<b>28,030,883</b>	<b>1,345,153</b>	<b>849,545</b>	<b>1,140,837</b>	<b>1,331,651</b>	<b>2,035,181</b>	<b>1,668,025</b>	<b>1,518,224</b>	<b>11,473,661</b>	<b>92,379</b>	<b>282,463</b>
Kaskazini Unguja	135,302	8,343	4,006	6,383	8,062	8,230	8,000	9,504	32,956	3,022	1,173
Kusini Unguja	76,740	5,135	1,773	2,060	2,341	3,540	3,773	5,810	20,959	2,087	474
Mjini Magharibi	178,551	12,572	6,675	4,185	6,680	10,335	11,280	7,952	44,328	2,422	1,221
Kaskazini Pemba	164,220	14,974	4,724	9,511	9,474	11,952	13,036	13,217	25,949	1,714	854
Kusini Pemba	252,856	18,250	10,827	14,096	15,887	14,830	22,173	19,479	47,925	2,272	2,279
<b>Tanzania Zanzibar</b>	<b>807,669</b>	<b>59,274</b>	<b>28,005</b>	<b>36,235</b>	<b>42,444</b>	<b>48,887</b>	<b>58,262</b>	<b>55,962</b>	<b>172,117</b>	<b>11,517</b>	<b>6,001</b>
<b>Tanzania</b>	<b>28,838,552</b>	<b>1,404,427</b>	<b>877,550</b>	<b>1,177,072</b>	<b>1,374,095</b>	<b>2,084,068</b>	<b>1,726,287</b>	<b>1,574,186</b>	<b>11,645,778</b>	<b>103,896</b>	<b>288,464</b>

**Cont...Table 2.14: Number of Agricultural Household Members Aged 5 Years and Above by Highest Level of Formal Education Reached and Region During 2019/20 Agricultural Year, Tanzania**

Region	Highest Level of Education Reached										
	Pre-Form One	Form One	Form Two	Form Three	Form Four	Form Five	Form Six	Training After Secondary Education	University & Other Tertiary Education	Adult Education	Not Applicable
Dodoma	242	75,794	60,224	46,095	81,463	7,159	6,989	6,636	22,113	4,260	-
Arusha	84	28,206	28,480	20,035	71,501	3,424	6,147	12,224	16,541	3,485	-
Kilimanjaro	92	35,268	39,207	26,663	107,206	2,440	7,921	13,687	21,266	2,929	-
Tanga	293	60,668	63,540	45,627	98,743	5,574	5,286	10,519	14,803	3,223	-
Morogoro	1,779	72,447	55,129	37,897	93,191	4,532	5,970	12,385	17,452	2,196	-
Pwani	112	33,707	33,881	22,206	63,626	2,672	2,868	8,152	10,834	1,837	138
Dar es Salaam	-	44,032	53,517	58,235	257,579	10,238	27,407	36,520	126,286	4,070	-
Lindi	-	23,232	25,721	17,222	37,443	2,218	2,245	2,713	1,393	3,634	194
Mtwara	957	33,723	38,124	23,071	50,138	2,234	2,755	6,529	4,435	900	-
Ruvuma	221	45,990	45,920	35,376	76,742	4,134	7,237	5,136	14,342	2,366	-
Iringa	-	26,798	29,201	20,768	70,395	4,383	5,291	9,626	17,833	1,613	465
Mbeya	-	52,807	58,280	48,722	118,646	6,124	8,421	11,150	31,854	2,037	-
Singida	290	43,883	39,139	33,102	56,145	3,176	3,538	9,775	6,701	2,443	197
Tabora	198	76,694	60,493	49,336	77,865	8,958	7,985	9,458	11,248	2,069	-
Rukwa	831	49,258	35,741	25,952	40,956	6,258	3,990	7,998	8,622	3,279	-
Kigoma	279	61,827	47,238	37,068	69,314	7,645	4,652	10,069	11,650	10,852	-
Shinyanga	971	42,940	35,696	29,755	46,605	4,376	5,698	5,477	7,111	1,881	-
Kagera	387	78,790	68,279	52,619	94,231	9,888	10,600	15,645	14,630	2,525	-
Mwanza	-	88,304	91,040	60,945	113,971	10,380	14,286	16,168	23,454	5,668	-
Mara	-	36,774	43,345	29,698	60,928	5,110	7,126	7,506	8,540	1,367	-
Manyara	-	36,981	40,730	28,496	68,134	5,361	6,119	12,286	13,974	2,305	-
Njombe	-	12,203	15,431	8,546	27,416	1,721	3,436	4,378	5,638	2,435	-
Katavi	-	13,161	10,579	8,182	15,868	1,136	1,210	2,038	1,565	148	-
Simiyu	186	41,862	41,029	30,181	42,595	6,858	5,284	6,285	5,012	1,942	-
Geita	-	68,547	54,671	43,218	70,376	10,089	8,043	14,260	17,202	2,556	-
Songwe	-	33,010	34,282	30,120	50,227	2,193	4,370	3,508	7,928	1,856	-
Mainland Tanzania	6,922	1,216,906	1,148,917	869,135	1,961,304	138,281	174,874	260,128	442,427	73,876	994
Kaskazini Unguja	470	9,839	8,149	5,276	16,269	169	802	2,102	1,620	927	-
Kusini Unguja	262	5,241	5,618	1,912	11,859	346	841	1,662	762	285	-
Mjini Magharibi	87	11,901	8,210	3,820	32,450	1,149	2,731	7,834	2,423	296	-
Kaskazini Pemba	119	11,665	11,967	7,288	20,220	760	948	2,354	1,821	1,673	-
Kusini Pemba	254	22,117	14,192	10,108	27,957	1,221	935	3,742	3,638	674	-
Tanzania Zanzibar	1192	60763	48136	28404	108755	3645	6257	17694	10264	3855	0
Tanzania	8,114	1,277,669	1,197,053	897,539	2,070,059	141,926	181,131	277,822	452,691	77,731	994

**Table 2.15: Number and Percentage of Agricultural Household Members Aged 5 Years and Above by Level of Involvement in Farming Activities and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Involvement in Farming Activities							
		Works Full Time on Farm		Works Part-Time on Farm		Rarely Works on Farm		Never Works on Farm	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	2,113,867	1,027,808	48.6	70,639	3.3	250,018	11.8	765,402	36.2
Arusha	955,342	160,553	16.8	64,486	6.8	179,675	18.8	550,628	57.6
Kilimanjaro	1,083,283	359,892	33.2	36,314	3.4	205,002	18.9	482,074	44.5
Tanga	1,553,936	508,014	32.7	56,958	3.7	274,951	17.7	714,013	45.9
Morogoro	1,678,872	730,119	43.5	94,055	5.6	162,186	9.7	692,512	41.2
Pwani	917,911	300,231	32.7	59,585	6.5	128,848	14.0	429,248	46.8
Dar es Salaam	1,689,279	129,921	7.7	279,833	16.6	112,231	6.6	1,167,295	69.1
Lindi	784,809	414,772	52.8	44,303	5.6	58,097	7.4	267,638	34.1
Mtwara	1,109,969	574,548	51.8	19,901	1.8	175,183	15.8	340,337	30.7
Ruvuma	1,402,843	641,741	45.7	54,693	3.9	148,474	10.6	557,934	39.8
Iringa	827,307	290,879	35.2	82,334	10.0	84,806	10.3	369,289	44.6
Mbeya	1,545,801	582,927	37.7	105,124	6.8	149,843	9.7	707,908	45.8
Singida	1,334,967	259,756	19.5	97,865	7.3	494,682	37.1	482,664	36.2
Tabora	2,187,970	976,066	44.6	50,790	2.3	381,045	17.4	780,068	35.7
Rukwa	1,075,924	394,563	36.7	54,331	5.0	150,214	14.0	476,816	44.3
Kigoma	1,638,012	690,255	42.1	19,455	1.2	324,352	19.8	603,950	36.9
Shinyanga	1,144,620	493,743	43.1	38,481	3.4	223,316	19.5	389,081	34.0
Kagera	2,114,873	924,612	43.7	49,145	2.3	444,415	21.0	696,700	32.9
Mwanza	2,149,573	793,749	36.9	65,355	3.0	442,486	20.6	847,983	39.4
Mara	1,136,749	423,837	37.3	26,929	2.4	225,692	19.9	460,291	40.5
Manyara	1,260,225	452,320	35.9	37,231	3.0	227,992	18.1	542,682	43.1
Njombe	525,424	251,898	47.9	15,762	3.0	37,385	7.1	220,379	41.9
Katavi	395,785	184,095	46.5	8,647	2.2	27,674	7.0	175,370	44.3
Simiyu	1,096,471	444,587	40.5	22,499	2.1	282,635	25.8	346,750	31.6
Geita	1,571,008	605,475	38.5	28,336	1.8	313,180	19.9	624,018	39.7
Songwe	1,167,223	479,353	41.1	55,212	4.7	212,510	18.2	420,149	36.0
<b>Mainland Tanzania</b>	<b>34,462,043</b>	<b>13,095,714</b>	<b>38.0</b>	<b>1,538,263</b>	<b>4.5</b>	<b>5,716,892</b>	<b>16.6</b>	<b>14,111,179</b>	<b>40.9</b>
Kaskazini Unguja	157,837	23,689	15.0	15,061	9.5	21,287	13.5	97,801	62.0
Kusini Unguja	81,431	11,051	13.6	9,501	11.7	10,713	13.2	50,165	61.6
Mjini Magharibi	192,805	20,852	10.8	18,663	9.7	26,859	13.9	126,431	65.6
Kaskazini Pemba	216,765	31,107	14.4	13,640	6.3	40,176	18.5	131,842	60.8
Kusini Pemba	295,628	19,074	6.5	36,153	12.2	47,606	16.1	192,795	65.2
<b>Tanzania Zanzibar</b>	<b>944,466</b>	<b>105,773</b>	<b>11.2</b>	<b>93,018</b>	<b>9.8</b>	<b>146,641</b>	<b>15.5</b>	<b>599,034</b>	<b>63.4</b>
<b>Tanzania</b>	<b>35,406,509</b>	<b>13,201,487</b>	<b>37.3</b>	<b>1,631,281</b>	<b>4.6</b>	<b>5,863,533</b>	<b>16.6</b>	<b>14,710,213</b>	<b>41.5</b>

**Table 2.16: Number of Agricultural Household Members Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total			Works Full time on Farm			Works Part-time on Farm			Rarely Works on Farm			Never Works on Farm		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Dodoma	2,113,867	1,067,705	1,046,162	1,027,808	520,751	507,057	70,639	42,971	27,668	250,018	140,121	109,897	765,402	363,861	401,541
Arusha	955,342	490,121	465,222	160,553	87,982	72,571	64,486	32,038	32,448	179,675	91,962	87,713	550,628	278,139	272,490
Kilimanjaro	1,083,283	525,713	557,569	359,892	177,127	182,766	36,314	20,708	15,606	205,002	100,920	104,083	482,074	226,959	255,115
Tanga	1,553,936	778,455	775,481	508,014	248,838	259,175	56,958	34,676	22,282	274,951	131,090	143,861	714,013	363,850	350,163
Morogoro	1,678,872	828,959	849,913	730,119	366,481	363,638	94,055	46,563	47,492	162,186	79,669	82,517	692,512	336,246	356,266
Pwani	917,911	437,906	480,005	300,231	145,511	154,720	59,585	31,841	27,744	128,848	62,220	66,628	429,248	198,335	230,913
Dar es Salaam	1,689,279	848,779	840,501	129,921	64,731	65,190	279,833	157,277	122,556	112,231	56,911	55,319	1,167,295	569,860	597,435
Lindi	784,809	390,226	394,584	414,772	203,058	211,714	44,303	22,374	21,929	58,097	30,899	27,198	267,638	133,895	133,742
Mtwara	1,109,969	534,471	575,498	574,548	256,727	317,821	19,901	12,678	7,223	175,183	94,982	80,201	340,337	170,084	170,253
Ruvuma	1,402,843	694,110	708,733	641,741	306,779	334,962	54,693	30,903	23,790	148,474	77,357	71,117	557,934	279,071	278,863
Iringa	827,307	403,695	423,612	290,879	133,497	157,382	82,334	39,916	42,418	84,806	45,260	39,545	369,289	185,022	184,267
Mbeya	1,545,801	766,620	779,180	582,927	282,198	300,729	105,124	55,512	49,612	149,843	72,757	77,086	707,908	356,154	351,754
Singida	1,334,967	667,872	667,095	259,756	140,844	118,912	97,865	52,750	45,115	494,682	243,913	250,768	482,664	230,365	252,299
Tabora	2,187,970	1,116,676	1,071,294	976,066	512,062	464,004	50,790	25,684	25,106	381,045	189,784	191,261	780,068	389,146	390,922
Rukwa	1,075,924	534,376	541,548	394,563	192,195	202,368	54,331	26,274	28,057	150,214	77,138	73,076	476,816	238,768	238,048
Kigoma	1,638,012	812,124	825,888	690,255	302,494	387,761	19,455	9,312	10,143	324,352	183,232	141,120	603,950	317,086	286,864
Shinyanga	1,144,620	587,647	556,973	493,743	256,648	237,095	38,481	17,855	20,625	223,316	110,944	112,372	389,081	202,200	186,881
Kagera	2,114,873	1,031,667	1,083,206	924,612	435,315	489,297	49,145	33,649	15,496	444,415	217,477	226,938	696,700	345,227	351,474
Mwanza	2,149,573	1,072,863	1,076,711	793,749	374,887	418,863	65,355	43,063	22,291	442,486	220,650	221,837	847,983	434,263	413,719
Mara	1,136,749	576,520	560,229	423,837	196,519	227,318	26,929	17,022	9,906	225,692	118,256	107,436	460,291	244,723	215,568
Manyara	1,260,225	645,854	614,371	452,320	245,519	206,800	37,231	18,573	18,658	227,992	115,837	112,156	542,682	265,924	276,758
Njombe	525,424	242,413	283,011	251,898	113,682	138,216	15,762	8,386	7,376	37,385	17,678	19,707	220,379	102,667	117,712
Katavi	395,785	197,105	198,681	184,095	95,315	88,780	8,647	5,268	3,378	27,674	13,913	13,762	175,370	82,609	92,761
Simiyu	1,096,471	550,191	546,280	444,587	233,746	210,841	22,499	10,356	12,143	282,635	141,963	140,672	346,750	164,126	182,623
Geita	1,571,008	796,582	774,426	605,475	302,966	302,509	28,336	20,751	7,585	313,180	163,295	149,885	624,018	309,570	314,447
Songwe	1,167,223	568,637	598,587	479,353	229,716	249,636	55,212	22,120	33,092	212,510	102,745	109,765	420,149	214,056	206,093
<b>Mainland Tanzania</b>	<b>34,462,043</b>	<b>17,167,287</b>	<b>17,294,760</b>	<b>13,095,714</b>	<b>6,425,588</b>	<b>6,670,125</b>	<b>1,538,263</b>	<b>838,520</b>	<b>699,739</b>	<b>5,716,892</b>	<b>2,900,973</b>	<b>2,815,920</b>	<b>14,111,179</b>	<b>7,002,206</b>	<b>7,108,971</b>
Kaskazini Unguja	157,837	79,141	78,696	23,689	12,042	11,646	15,061	9,737	5,323	21,287	10,236	11,051	97,801	47,125	50,676
Kusini Unguja	81,431	41,858	39,574	11,051	7,424	3,627	9,501	6,605	2,896	10,713	4,932	5,782	50,165	22,896	27,269
Mjini Magharibi	192,805	95,516	97,289	20,852	11,387	9,465	18,663	12,357	6,306	26,859	14,111	12,748	126,431	57,660	68,771
Kaskazini Pemba	216,765	112,685	104,080	31,107	16,453	14,653	13,640	9,711	3,929	40,176	20,972	19,204	131,842	65,548	66,294
Kusini Pemba	295,628	140,899	154,729	19,074	13,642	5,432	36,153	20,489	15,664	47,606	21,850	25,756	192,795	84,918	107,877
<b>Tanzania Zanzibar</b>	<b>944,466</b>	<b>470,099</b>	<b>474,368</b>	<b>105,773</b>	<b>60,948</b>	<b>44,823</b>	<b>93,018</b>	<b>58,899</b>	<b>34,118</b>	<b>146,641</b>	<b>72,101</b>	<b>74,541</b>	<b>599,034</b>	<b>278,147</b>	<b>320,887</b>
<b>Tanzania</b>	<b>35,406,509</b>	<b>17,637,386</b>	<b>17,769,128</b>	<b>13,201,487</b>	<b>6,486,536</b>	<b>6,714,948</b>	<b>1,631,281</b>	<b>897,419</b>	<b>733,857</b>	<b>5,863,533</b>	<b>2,973,074</b>	<b>2,890,461</b>	<b>14,710,213</b>	<b>7,280,353</b>	<b>7,429,858</b>



**Table 2.17: Number of Agricultural Household Members Aged 15 Years and Above by Level of Involvement in Farming Activities, Sex and Region During 2019/20 Agricultural, Tanzania**

Region	Total			Works Full time on Farm			Works Part-time on Farm			Rarely Works on Farm			Never Works on Farm		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Dodoma	1,328,214	677,170	651,044	997,041	501,299	495,742	69,405	41,737	27,668	93,313	57,481	35,831	168,455	76,652	91,803
Arusha	631,364	319,182	312,182	159,416	86,845	72,571	64,486	32,038	32,448	160,844	82,567	78,277	246,618	117,733	128,886
Kilimanjaro	788,456	383,532	404,924	359,892	177,127	182,766	35,550	20,466	15,084	176,002	84,114	91,888	217,013	101,826	115,187
Tanga	1,020,984	503,126	517,858	502,586	245,374	257,212	56,958	34,676	22,282	195,512	89,235	106,277	265,928	133,841	132,087
Morogoro	1,143,431	557,340	586,091	722,014	361,469	360,546	93,314	46,092	47,223	115,029	53,406	61,623	213,073	96,374	116,699
Pwani	617,116	289,052	328,064	298,287	144,153	154,134	59,585	31,841	27,744	87,971	41,400	46,571	171,273	71,659	99,614
Dar es Salaam	1,309,469	651,586	657,883	129,921	64,731	65,190	279,833	157,277	122,556	109,399	55,093	54,306	790,317	374,486	415,831
Lindi	567,056	278,408	288,647	411,587	201,053	210,534	44,303	22,374	21,929	37,136	19,762	17,374	74,031	35,220	38,810
Mtwara	781,915	370,735	411,180	568,603	252,847	315,756	19,901	12,678	7,223	89,445	48,380	41,065	103,966	56,830	47,136
Ruvuma	938,022	456,497	481,525	638,932	305,611	333,321	54,200	30,409	23,790	107,995	56,045	51,951	136,895	64,432	72,463
Iringa	564,404	266,318	298,085	289,524	132,532	156,991	82,334	39,916	42,418	65,070	33,562	31,509	127,476	60,309	67,168
Mbeya	1,049,229	514,337	534,892	575,768	278,373	297,395	105,124	55,512	49,612	133,354	63,777	69,577	234,983	116,676	118,307
Singida	842,684	420,677	422,007	254,222	136,398	117,824	97,865	52,750	45,115	383,750	187,177	196,574	106,847	44,353	62,494
Tabora	1,336,278	678,376	657,902	939,154	491,516	447,638	49,113	24,642	24,471	187,787	89,339	98,448	160,225	72,880	87,345
Rukwa	628,043	309,277	318,766	380,987	185,408	195,580	53,981	25,925	28,057	92,216	44,312	47,904	100,859	53,633	47,225
Kigoma	1,025,557	494,191	531,365	682,134	297,715	384,419	19,455	9,312	10,143	184,472	109,921	74,551	139,495	77,242	62,253
Shinyanga	694,988	354,400	340,589	480,545	248,880	231,665	38,481	17,855	20,625	95,803	45,659	50,144	80,160	42,005	38,154
Kagera	1,297,084	635,874	661,210	897,229	418,245	478,984	49,145	33,649	15,496	200,971	101,881	99,090	149,740	82,100	67,640
Mwanza	1,320,916	650,353	670,562	783,543	367,760	415,783	63,877	42,132	21,745	246,787	129,329	117,458	226,709	111,133	115,576
Mara	708,433	354,757	353,676	420,149	194,968	225,182	26,601	16,857	9,744	121,318	68,359	52,959	140,365	74,573	65,792
Manyara	814,431	419,150	395,281	440,999	237,931	203,067	27,816	13,899	13,917	162,682	81,937	80,745	182,934	85,383	97,551
Njombe	354,894	161,971	192,923	249,685	112,201	137,483	15,762	8,386	7,376	37,257	17,678	19,579	52,191	23,706	28,485
Katavi	242,356	123,190	119,167	175,112	90,816	84,296	8,647	5,268	3,378	15,827	7,428	8,399	42,770	19,677	23,094
Simiyu	657,198	330,231	326,967	432,535	226,513	206,022	22,499	10,356	12,143	123,806	58,516	65,290	78,357	34,845	43,512
Geita	943,798	482,161	461,638	594,574	297,236	297,338	28,336	20,751	7,585	174,864	90,225	84,639	146,024	73,949	72,076
Songwe	730,942	344,783	386,159	468,881	223,909	244,972	54,021	21,883	32,138	123,714	59,524	64,190	84,326	39,467	44,859
<b>Mainland Tanzania</b>	<b>22,337,262</b>	<b>11,026,674</b>	<b>11,310,587</b>	<b>12,853,320</b>	<b>6,280,910</b>	<b>6,572,411</b>	<b>1,520,592</b>	<b>828,681</b>	<b>691,910</b>	<b>3,522,324</b>	<b>1,776,107</b>	<b>1,746,219</b>	<b>4,441,030</b>	<b>2,140,984</b>	<b>2,300,047</b>
Kaskazini Unguja	107,319	52,029	55,290	23,689	12,042	11,646	15,061	9,737	5,323	20,969	10,113	10,856	47,601	20,136	27,464
Kusini Unguja	56,869	29,056	27,813	11,051	7,424	3,627	9,501	6,605	2,896	10,303	4,703	5,600	26,013	10,323	15,690
Mjini Magharibi	130,158	65,019	65,139	20,852	11,387	9,465	18,663	12,357	6,306	26,125	13,464	12,661	64,517	27,811	36,707
Kaskazini Pemba	137,761	71,236	66,524	30,942	16,289	14,653	13,640	9,711	3,929	37,800	19,360	18,440	55,378	25,876	29,502
Kusini Pemba	183,365	86,284	97,081	19,074	13,642	5,432	36,153	20,489	15,664	47,440	21,684	25,756	80,698	30,469	50,229
<b>Tanzania Zanzibar</b>	<b>615,472</b>	<b>303,624</b>	<b>311,847</b>	<b>105,608</b>	<b>60,784</b>	<b>44,823</b>	<b>93,018</b>	<b>58,899</b>	<b>34,118</b>	<b>142,637</b>	<b>69,324</b>	<b>73,313</b>	<b>274,207</b>	<b>114,615</b>	<b>159,592</b>
<b>Tanzania</b>	<b>22,952,734</b>	<b>11,330,298</b>	<b>11,622,434</b>	<b>12,958,928</b>	<b>6,341,694</b>	<b>6,617,234</b>	<b>1,613,610</b>	<b>887,580</b>	<b>726,028</b>	<b>3,664,961</b>	<b>1,845,431</b>	<b>1,819,532</b>	<b>4,715,237</b>	<b>2,255,599</b>	<b>2,459,639</b>

**Table 2.18: Number of Agricultural Household Member Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Age Group During 2019/20 Agricultural Year, Tanzania**

Age Group	Total			Works Full time on Farm			Works Part-time on Farm			Rarely Works on Farm			Never Works on Farm		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 9	3,146,906	3,091,853	6,238,760	-	-	-	1,657	739	2,395	205,417	204,052	409,468	2,939,833	2,887,063	5,826,896
10 - 14	3,160,177	3,054,840	6,215,017	144,842	97,717	242,560	8,185	7,091	15,276	922,226	866,877	1,789,103	2,084,924	2,083,154	4,168,078
15 - 19	2,425,091	2,080,614	4,505,705	659,829	508,302	1,168,131	55,362	43,626	98,988	687,881	555,191	1,243,072	1,022,018	973,496	1,995,514
20 - 24	1,500,480	1,534,090	3,034,570	752,611	846,309	1,598,919	86,894	90,392	177,286	252,631	239,347	491,979	408,344	358,042	766,386
25 - 29	1,060,342	1,259,280	2,319,622	632,994	788,277	1,421,271	93,879	100,217	194,096	141,404	181,649	323,053	192,065	189,136	381,202
30 - 34	951,657	1,152,596	2,104,253	622,771	759,863	1,382,634	106,208	97,853	204,061	121,583	148,013	269,595	101,095	146,868	247,963
35 - 39	902,659	1,071,386	1,974,045	602,147	761,610	1,363,758	109,934	86,540	196,474	120,572	128,763	249,335	70,006	94,474	164,479
40 - 44	889,014	943,267	1,832,280	602,536	660,080	1,262,615	104,797	80,280	185,077	109,058	110,255	219,313	72,622	92,653	165,275
45 - 49	856,758	860,217	1,716,974	600,147	634,380	1,234,528	99,950	66,037	165,987	90,047	96,829	186,876	66,613	62,970	129,583
50 - 54	675,654	668,289	1,343,943	490,117	471,269	961,385	65,538	63,921	129,459	80,751	86,198	166,949	39,248	46,902	86,150
55 - 59	530,268	497,622	1,027,890	380,884	358,412	739,296	57,187	33,610	90,797	54,765	55,205	109,970	37,433	50,394	87,827
60 - 64	503,957	467,978	971,935	369,793	331,023	700,816	48,061	23,743	71,804	56,115	58,609	114,723	29,989	54,603	84,592
65 - 69	344,246	343,676	687,922	246,983	218,906	465,889	26,897	19,784	46,680	39,444	48,975	88,420	30,922	56,011	86,933
70 - 74	265,685	269,252	534,936	180,478	146,186	326,664	17,403	12,122	29,526	33,628	45,264	78,892	34,176	65,680	99,855
75 - 79	175,843	164,297	340,140	109,084	69,017	178,101	8,511	4,466	12,976	22,725	32,035	54,760	35,523	58,780	94,302
80 - 84	120,137	143,307	263,444	52,717	38,232	90,949	3,380	3,022	6,402	18,100	18,600	36,700	45,940	83,453	129,393
85+	128,508	166,564	295,072	38,602	25,368	63,970	3,578	419	3,997	16,724	14,599	31,323	69,603	126,179	195,782
<b>Total</b>	<b>17,637,382</b>	<b>17,769,128</b>	<b>35,406,508</b>	<b>6,486,535</b>	<b>6,714,951</b>	<b>13,201,486</b>	<b>897,421</b>	<b>733,862</b>	<b>1,631,281</b>	<b>2,973,071</b>	<b>2,890,461</b>	<b>5,863,531</b>	<b>7,280,354</b>	<b>7,429,858</b>	<b>14,710,210</b>

**Table 2.19: Number of Agricultural Household Member Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Age Group During 2019/20 Agricultural Year, Mainland Tanzania**

Age Group	Total			Works Full time on Farm			Works Part-time on Farm			Rarely Works on Farm			Never Works on Farm		
	Male	Female	Total	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Male	Female
0 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 9	3,059,481	3,005,574	6,065,056	-	-	-	1,657	739	2,395	205,251	203,916	409,166	2,852,574	2,800,920	5,653,494
10 - 14	3,081,127	2,978,598	6,059,725	144,678	97,717	242,395	8,185	7,091	15,276	919,614	865,786	1,785,400	2,008,651	2,008,003	4,016,654
15 - 19	2,352,898	2,012,825	4,365,723	658,361	507,544	1,165,905	54,184	43,037	97,221	675,545	548,545	1,224,089	964,808	913,699	1,878,507
20 - 24	1,452,814	1,488,002	2,940,816	749,727	844,636	1,594,363	83,781	87,255	171,036	243,496	230,610	474,106	375,810	325,500	701,310
25 - 29	1,029,651	1,224,554	2,254,204	628,523	785,606	1,414,129	87,495	96,558	184,054	132,846	173,301	306,147	180,787	169,089	349,875
30 - 34	929,220	1,122,101	2,051,321	618,108	756,672	1,374,780	97,756	93,578	191,334	116,346	138,731	255,077	97,010	133,121	230,130
35 - 39	884,302	1,046,268	1,930,570	596,686	756,812	1,353,499	103,754	82,581	186,334	115,145	120,749	235,894	68,717	86,126	154,843
40 - 44	869,121	919,084	1,788,205	597,189	654,987	1,252,177	96,962	76,051	173,013	103,486	102,546	206,032	71,484	85,499	156,983
45 - 49	837,542	838,646	1,676,187	593,480	628,844	1,222,324	93,941	62,282	156,223	84,322	88,833	173,155	65,798	58,687	124,485
50 - 54	656,993	651,951	1,308,944	484,901	465,644	950,545	58,482	60,871	119,352	75,764	81,667	157,432	37,846	43,769	81,615
55 - 59	516,776	484,793	1,001,569	376,110	353,829	729,939	52,506	30,080	82,586	51,506	51,834	103,339	36,655	49,050	85,705
60 - 64	490,523	456,297	946,820	362,319	327,648	689,967	45,194	22,067	67,261	53,353	54,816	108,168	29,657	51,766	81,424
65 - 69	335,805	337,062	672,867	242,415	215,773	458,187	24,777	18,738	43,515	37,991	47,526	85,517	30,623	55,024	85,647
70 - 74	254,479	261,529	516,008	175,181	143,177	318,358	15,459	11,276	26,736	31,377	42,928	74,305	32,461	64,148	96,610
75 - 79	171,010	161,739	332,749	107,469	68,186	175,655	7,814	4,098	11,912	20,959	31,324	52,283	34,768	58,131	92,898
80 - 84	117,794	141,307	259,101	52,110	37,956	90,066	2,995	3,022	6,017	17,357	18,355	35,711	45,332	81,974	127,306
85+	127,748	164,432	292,180	38,330	25,095	63,424	3,578	419	3,997	16,615	14,453	31,068	69,226	124,465	193,691
<b>Total</b>	<b>17,167,284</b>	<b>17,294,762</b>	<b>34,462,045</b>	<b>6,425,587</b>	<b>6,670,126</b>	<b>13,095,713</b>	<b>838,520</b>	<b>699,743</b>	<b>1,538,262</b>	<b>2,900,973</b>	<b>2,815,920</b>	<b>5,716,889</b>	<b>7,002,207</b>	<b>7,108,971</b>	<b>14,111,177</b>

**Table 2.20: Number of Agricultural Household Members Aged 5 Years and Above by Level of Involvement in Farming Activities, Sex and Age Group During 2019/20 Agricultural Year, Tanzania Zanzibar**

Age Group	Total			Works Full time on Farm			Works Part-time on Farm			Rarely Works on Farm			Never Works on Farm		
	Male	Female	Total	Male	Female	Male	Female	Total	Male	Female	Male	Female	Total	Male	Female
0 - 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5 - 9	87,425	86,279	173,704	-	-	-	-	-	-	166	136	302	87,259	86,143	173,402
10 - 14	79,050	76,242	155,292	165	-	165	-	-	-	2,611	1,091	3,702	76,274	75,151	151,425
15 - 19	72,192	67,790	139,982	1,468	758	2,226	1,178	589	1,767	12,337	6,646	18,983	57,209	59,797	117,007
20 - 24	47,667	46,088	93,754	2,884	1,672	4,556	3,114	3,136	6,250	9,135	8,737	17,873	32,534	32,542	65,076
25 - 29	30,692	34,726	65,418	4,472	2,671	7,142	6,383	3,659	10,042	8,558	8,348	16,907	11,279	20,048	31,326
30 - 34	22,437	30,495	52,932	4,663	3,191	7,854	8,452	4,274	12,726	5,237	9,282	14,519	4,086	13,747	17,833
35 - 39	18,357	25,118	43,475	5,461	4,798	10,259	6,180	3,959	10,139	5,427	8,013	13,441	1,289	8,348	9,637
40 - 44	19,893	24,183	44,075	5,347	5,092	10,439	7,835	4,228	12,064	5,572	7,708	13,280	1,138	7,154	8,292
45 - 49	19,216	21,571	40,787	6,667	5,536	12,203	6,009	3,755	9,764	5,726	7,996	13,722	814	4,283	5,098
50 - 54	18,662	16,338	34,999	5,216	5,625	10,840	7,056	3,050	10,106	4,987	4,531	9,518	1,402	3,133	4,535
55 - 59	13,492	12,829	26,321	4,774	4,583	9,357	4,681	3,531	8,212	3,259	3,371	6,630	778	1,344	2,122
60 - 64	13,435	11,681	25,116	7,474	3,375	10,849	2,867	1,676	4,543	2,762	3,793	6,555	332	2,836	3,168
65 - 69	8,441	6,614	15,055	4,569	3,134	7,702	2,120	1,045	3,165	1,453	1,449	2,902	299	987	1,286
70 - 74	11,206	7,723	18,928	5,297	3,009	8,306	1,944	846	2,790	2,250	2,337	4,587	1,714	1,531	3,246
75 - 79	4,833	2,558	7,391	1,615	831	2,446	696	368	1,064	1,766	711	2,477	755	649	1,404
80 - 84	2,343	2,000	4,343	606	276	882	385	-	385	744	245	988	608	1,480	2,087
85+	760	2,133	2,892	273	273	546	-	-	-	109	146	255	378	1,713	2,091
<b>Total</b>	<b>470,101</b>	<b>474,368</b>	<b>944,464</b>	<b>60,951</b>	<b>44,824</b>	<b>105,772</b>	<b>58,900</b>	<b>34,116</b>	<b>93,017</b>	<b>72,099</b>	<b>74,540</b>	<b>146,641</b>	<b>278,148</b>	<b>320,886</b>	<b>599,035</b>

**Table 2.21: Number of Agricultural Household Members Aged 5 Years and Above by Main Activity and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Main Activity									
		Crop Farming	Livestock Keeping/ Herding	Livestock/ Pastoralism	Fishing	Government/ Parastatal	Private- NGO/Mission	Self Employed with Employees	Self Employed without Employees	Unpaid Family helper (Non-Agriculture)	Not Working & Available
Dodoma	2,113,868	836,568	9,747	300	794	7,012	586	18,881	31,509	1,099	1,857
Arusha	955,342	172,005	137,028	632	357	6,642	16,113	16,875	34,180	1,525	5,534
Kilimanjaro	1,083,281	369,771	29,475	1,034	137	8,408	13,214	16,542	53,903	484	16,045
Tanga	1,553,937	505,340	15,124	282	6,133	7,694	18,321	13,417	78,995	3,926	8,344
Morogoro	1,678,872	693,861	10,956	-	2,268	6,808	5,510	13,989	19,092	448	5,994
Pwani	917,912	282,051	10,534	330	10,035	9,144	9,065	17,146	39,428	2,326	9,263
Dar es Salaam	1,689,278	152,922	39,678	-	4,441	46,197	50,426	169,381	229,984	2,756	67,879
Lindi	784,810	379,792	604	-	2,869	2,287	1,933	2,700	12,937	1,054	1,157
Mtwara	1,109,969	513,033	1,264	-	1,372	4,432	3,187	6,375	21,267	844	4,200
Ruvuma	1,402,845	591,031	2,335	-	3,143	7,286	5,974	15,982	15,859	1,249	2,264
Iringa	827,306	264,598	5,096	-	-	5,928	10,892	1,648	72,196	2,449	5,291
Mbeya	1,545,802	514,054	14,150	-	453	11,309	13,167	26,128	65,083	2,060	6,423
Singida	1,334,968	510,659	3,284	-	732	4,918	2,119	12,241	10,591	1,493	1,830
Tabora	2,187,970	715,660	5,114	-	592	9,150	8,010	23,336	15,047	2,825	1,133
Rukwa	1,075,925	327,426	2,062	-	10,168	6,690	4,646	2,389	32,360	7,512	2,157
Kigoma	1,638,012	584,003	4,616	279	8,468	6,406	2,855	29,093	20,203	1,213	2,116
Shinyanga	1,144,619	387,874	2,117	-	156	5,486	4,373	2,467	11,301	468	1,128
Kagera	2,114,873	732,025	5,993	-	2,514	10,066	9,695	28,852	25,673	582	3,766
Mwanza	2,149,573	644,061	5,221	187	20,846	11,850	19,006	31,831	58,700	2,989	4,883
Mara	1,136,750	374,701	7,294	131	9,978	4,625	2,770	5,856	20,728	529	3,506
Manyara	1,260,226	367,971	71,947	-	-	7,661	4,138	9,358	24,861	3,547	3,941
Njombe	525,422	233,374	1,751	-	3,107	3,346	2,548	9,833	10,316	608	983
Katavi	395,785	140,034	913	-	585	1,748	614	2,329	5,882	454	356
Simiyu	1,096,470	352,436	7,080	128	372	4,289	1,662	5,958	10,387	751	989
Geita	1,571,009	490,355	4,371	204	2,163	7,289	3,678	19,746	11,068	197	2,739
Songwe	1,167,224	421,551	11,571	-	1,572	5,108	3,952	19,345	13,622	621	3,418
<b>Mainland Tanzania</b>	<b>34,462,048</b>	<b>11,557,156</b>	<b>409,325</b>	<b>3,507</b>	<b>93,255</b>	<b>211,779</b>	<b>218,454</b>	<b>521,698</b>	<b>945,172</b>	<b>44,009</b>	<b>167,196</b>
Kaskazini Unguja	157,839	34,416	946	-	5,112	3,259	1,492	994	13,895	147	1,713
Kusini Unguja	81,432	12,703	716	-	2,223	1,711	2,048	907	7,787	-	473
Mjini Magharibi	192,807	26,696	1,690	-	1,239	7,586	9,953	5,562	10,230	301	4,831
Kaskazini Pemba	216,763	32,612	664	-	8,995	2,579	637	1,448	10,171	373	2,909
Kusini Pemba	295,628	47,230	1,294	-	6,859	5,297	1,240	673	20,759	662	3,502
<b>Tanzania Zanzibar</b>	<b>944,469</b>	<b>153,657</b>	<b>5,310</b>	<b>-</b>	<b>24,428</b>	<b>20,432</b>	<b>15,370</b>	<b>9,584</b>	<b>62,842</b>	<b>1,483</b>	<b>13,428</b>
<b>Tanzania</b>	<b>35,406,517</b>	<b>11,710,813</b>	<b>414,635</b>	<b>3,507</b>	<b>117,683</b>	<b>232,211</b>	<b>233,824</b>	<b>531,282</b>	<b>1,008,014</b>	<b>45,492</b>	<b>180,624</b>

**Cont...Table 2.21: Number of Agricultural Household Members Aged 5 Years and Above by Main Activity and Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Activity								
	Not working & Unavailable	Housemaker/ Housewife	Student	Unable to Work/ Too Old/Retired/ Sick/Disabled	Fish Farming	Agro Processing	Beekeeping	Seaweed Farming	Other
Dodoma	406	7,036	1,157,959	33,429	-	-	-	-	6,685
Arusha	500	51,177	494,609	13,675	-	-	-	-	4,490
Kilimanjaro	846	40,742	479,870	47,072	-	382	-	-	5,356
Tanga	103	28,288	821,263	39,908	-	166	-	-	6,633
Morogoro	439	26,042	849,366	37,743	202	657	135	-	5,362
Pwani	706	23,068	467,976	29,077	-	-	-	-	7,763
Dar es Salaam	6,620	140,722	714,676	50,823	-	-	-	-	12,773
Lindi	258	6,299	345,219	22,257	-	-	-	-	5,444
Mtwara	153	2,325	512,405	38,939	173	-	-	-	-
Ruvuma	1,279	6,222	709,505	38,622	-	-	-	-	2,094
Iringa	323	11,288	422,029	22,501	-	503	-	-	2,564
Mbeya	435	35,514	807,969	26,611	406	765	237	-	21,038
Singida	-	13,499	725,920	40,590	377	-	-	-	6,715
Tabora	380	38,865	1,307,884	54,479	313	353	259	-	4,570
Rukwa	389	3,538	656,273	19,214	-	-	-	-	1,101
Kigoma	-	8,401	925,907	39,704	1,081	-	277	-	3,390
Shinyanga	294	19,333	679,966	27,896	-	-	-	-	1,760
Kagera	1,285	30,183	1,210,606	46,330	-	700	-	-	6,603
Mwanza	537	27,472	1,261,786	51,032	1,062	500	-	-	7,610
Mara	524	14,170	648,068	33,449	142	-	-	-	10,279
Manyara	503	25,754	696,621	39,459	167	-	-	-	4,298
Njombe	196	3,169	238,496	16,579	226	290	-	-	600
Katavi	138	2,688	227,134	8,372	-	-	223	-	4,315
Simiyu	-	8,133	658,395	40,704	-	-	-	-	5,186
Geita	320	8,766	981,188	24,046	-	-	-	-	14,879
Songwe	540	16,542	640,542	23,515	-	223	-	-	5,102
<b>Mainland Tanzania</b>	<b>17,174</b>	<b>599,236</b>	<b>18,641,632</b>	<b>866,026</b>	<b>4,149</b>	<b>4,539</b>	<b>1,131</b>	<b>-</b>	<b>156,610</b>
Kaskazini Unguja	99	7,914	84,856	2,530	-	-	-	77	389
Kusini Unguja	61	5,957	44,217	1,693	-	-	-	667	269
Mjini Magharibi	376	15,112	106,527	982	-	-	-	48	1,674
Kaskazini Pemba	256	18,371	131,471	4,856	-	-	-	1,182	239
Kusini Pemba	264	26,459	173,962	6,875	-	-	-	142	410
<b>Tanzania Zanzibar</b>	<b>1,056</b>	<b>73,813</b>	<b>541,033</b>	<b>16,936</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,116</b>	<b>2,981</b>
<b>Tanzania</b>	<b>18,230</b>	<b>673,049</b>	<b>19,182,665</b>	<b>882,962</b>	<b>4,149</b>	<b>4,539</b>	<b>1,131</b>	<b>2,116</b>	<b>159,591</b>

**Table 2.22: Number of Agricultural Household Members Aged 18 Years and Above Involved in Value Addition by Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Involved in Value Addition											
	Total				Sex							
					Male				Female			
	Total	Yes	No	Not Applicable	Total	Yes	No	Not Applicable	Total	Yes	No	Not Applicable
Dodoma	1,161,384	99,609	1,034,320	27,455	585,438	59,325	513,928	12,185	575,946	40,284	520,392	15,270
Arusha	570,648	25,450	466,991	78,207	287,091	17,334	231,886	37,871	283,557	8,116	235,105	40,336
Kilimanjaro	709,944	143,165	473,951	92,828	343,962	69,919	230,104	43,939	365,982	73,246	243,847	48,889
Tanga	884,108	18,242	807,165	58,701	424,102	10,797	384,739	28,566	460,006	7,445	422,426	30,135
Morogoro	1,004,453	258,833	636,065	109,555	482,888	125,002	307,693	50,193	521,565	133,831	328,372	59,362
Pwani	539,919	45,729	424,314	69,876	252,675	21,394	201,276	30,005	287,244	24,335	223,038	39,871
Dar es Salaam	1,188,264	44,501	837,777	305,986	587,742	27,991	416,019	143,732	600,522	16,510	421,758	162,254
Lindi	509,958	8,252	492,703	9,003	246,126	3,481	238,246	4,399	263,832	4,771	254,457	4,604
Mtwara	693,689	31,460	633,601	28,628	319,464	14,963	291,263	13,238	374,225	16,497	342,338	15,390
Ruvuma	834,906	32,301	755,348	47,257	397,151	20,466	356,178	20,507	437,755	11,835	399,170	26,750
Iringa	499,024	231,060	232,570	35,394	231,594	79,680	133,978	17,936	267,430	151,380	98,592	17,458
Mbeya	912,302	79,020	750,991	82,291	438,048	39,062	361,660	37,326	474,254	39,958	389,331	44,965
Singida	735,247	11,206	695,305	28,736	363,010	7,314	344,389	11,307	372,237	3,892	350,916	17,429
Tabora	1,147,311	86,659	918,563	142,089	571,826	52,308	452,054	67,464	575,485	34,351	466,509	74,625
Rukwa	533,864	3,054	511,908	18,902	260,952	1,892	249,622	9,438	272,912	1,162	262,286	9,464
Kigoma	880,758	336,581	497,866	46,311	418,039	127,435	264,753	25,851	462,719	209,146	233,113	20,460
Shinyanga	597,328	68,301	502,980	26,047	300,082	42,007	249,097	8,978	297,246	26,294	253,883	17,069
Kagera	1,116,292	101,618	988,032	26,642	539,119	47,734	481,425	9,960	577,173	53,884	506,607	16,682
Mwanza	1,136,749	100,171	938,275	98,303	557,202	58,528	449,978	48,696	579,547	41,643	488,297	49,607
Mara	610,569	35,866	491,374	83,329	302,559	12,460	248,837	41,262	308,010	23,406	242,537	42,067
Manyara	714,578	12,590	564,522	137,466	367,693	7,129	295,043	65,521	346,885	5,461	269,479	71,945
Njombe	329,680	5,595	311,211	12,874	148,553	2,208	140,511	5,834	181,127	3,387	170,700	7,040
Katavi	210,639	11,308	182,677	16,654	107,740	6,965	92,539	8,236	102,899	4,343	90,138	8,418
Simiyu	560,004	81,494	457,915	20,595	278,112	28,869	239,822	9,421	281,892	52,625	218,093	11,174
Geita	792,676	207,228	525,727	59,721	401,642	110,013	262,072	29,557	391,034	97,215	263,655	30,164
Songwe	643,958	65,685	545,902	32,371	301,219	35,385	254,265	11,569	342,739	30,300	291,637	20,802
<b>Mainland Tanzania</b>	<b>19,518,252</b>	<b>2,144,978</b>	<b>15,678,053</b>	<b>1,695,221</b>	<b>9,514,029</b>	<b>1,029,661</b>	<b>7,691,377</b>	<b>792,991</b>	<b>10,004,223</b>	<b>1,115,317</b>	<b>7,986,676</b>	<b>902,230</b>
Kaskazini Unguja	93,643	3,463	88,010	2,170	45,698	2,445	42,351	902	47,945	1,018	45,659	1,268
Kusini Unguja	49,324	564	43,182	5,578	24,739	97	22,805	1,837	24,585	467	20,377	3,741
Mjini Magharibi	118,119	6,498	109,549	2,072	58,798	3,827	54,193	778	59,321	2,671	55,356	1,294
Kaskazini Pemba	115,830	5,078	106,937	3,815	59,556	2,388	55,801	1,367	56,274	2,690	51,136	2,448
Kusini Pemba	154,021	1,962	115,101	36,958	72,728	1,187	58,809	12,732	81,293	775	56,292	24,226
<b>Zanzibar</b>	<b>530,937</b>	<b>17,565</b>	<b>462,779</b>	<b>50,593</b>	<b>261,519</b>	<b>9,944</b>	<b>233,959</b>	<b>17,616</b>	<b>269,418</b>	<b>7,621</b>	<b>228,820</b>	<b>32,977</b>
<b>Tanzania</b>	<b>20,049,189</b>	<b>2,162,543</b>	<b>16,140,832</b>	<b>1,745,814</b>	<b>9,775,548</b>	<b>1,039,605</b>	<b>7,925,336</b>	<b>810,607</b>	<b>10,273,641</b>	<b>1,122,938</b>	<b>8,215,496</b>	<b>935,207</b>

**Table 2.23: Number of Agricultural Household Members Aged 18 Years and Above Owning Land by Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Own Land								
	Total			Male			Female		
	Total	Yes	No	Total	Yes	No	Total	Yes	No
Dodoma	1,161,384	514,977	646,407	585,438	360,535	224,903	575,946	154,442	421,504
Arusha	570,647	196,251	374,396	287,090	158,741	128,349	283,557	37,510	246,047
Kilimanjaro	709,944	285,918	424,026	343,961	202,345	141,616	365,983	83,573	282,410
Tanga	884,110	361,752	522,358	424,103	246,250	177,853	460,007	115,502	344,505
Morogoro	1,004,454	428,894	575,560	482,888	273,748	209,140	521,566	155,146	366,420
Pwani	539,918	261,751	278,167	252,675	161,758	90,917	287,243	99,993	187,250
Dar es Salaam	1,188,264	358,326	829,938	587,743	250,797	336,946	600,521	107,529	492,992
Lindi	509,960	344,983	164,977	246,127	180,221	65,906	263,833	164,762	99,071
Mtwara	693,689	406,571	287,118	319,464	222,830	96,634	374,225	183,741	190,484
Ruvuma	834,906	432,893	402,013	397,150	286,433	110,717	437,756	146,460	291,296
Iringa	499,023	244,507	254,516	231,593	146,572	85,021	267,430	97,935	169,495
Mbeya	912,302	374,130	538,172	438,048	263,184	174,864	474,254	110,946	363,308
Singida	735,247	271,479	463,768	363,010	213,070	149,940	372,237	58,409	313,828
Tabora	1,147,311	329,923	817,388	571,826	269,391	302,435	575,485	60,532	514,953
Rukwa	533,863	194,939	338,924	260,951	157,174	103,777	272,912	37,765	235,147
Kigoma	880,759	357,859	522,900	418,039	269,105	148,934	462,720	88,754	373,966
Shinyanga	597,327	153,309	444,018	300,082	123,612	176,470	297,245	29,697	267,548
Kagera	1,116,292	548,678	567,614	539,119	366,588	172,531	577,173	182,090	395,083
Mwanza	1,136,751	361,206	775,545	557,203	254,419	302,784	579,548	106,787	472,761
Mara	610,568	232,148	378,420	302,559	160,702	141,857	308,009	71,446	236,563
Manyara	714,579	242,815	471,764	367,693	196,174	171,519	346,886	46,641	300,245
Njombe	329,679	160,961	168,718	148,552	104,213	44,339	181,127	56,748	124,379
Katavi	210,638	53,013	157,625	107,739	42,382	65,357	102,899	10,631	92,268
Simiyu	560,003	167,111	392,892	278,112	118,482	159,630	281,891	48,629	233,262
Geita	792,676	242,083	550,593	401,642	183,416	218,226	391,034	58,667	332,367
Songwe	643,957	299,523	344,434	301,218	199,275	101,943	342,739	100,248	242,491
<b>Mainland Tanzania</b>	<b>19,518,251</b>	<b>7,826,000</b>	<b>11,692,251</b>	<b>9,514,025</b>	<b>5,411,417</b>	<b>4,102,608</b>	<b>10,004,226</b>	<b>2,414,583</b>	<b>7,589,643</b>
Kaskazini Unguja	93,644	20,453	73,191	45,698	16,022	29,676	47,946	4,431	43,515
Kusini Unguja	49,324	11,102	38,222	24,739	8,886	15,853	24,585	2,216	22,369
Mjini Magharibi	118,120	18,837	99,283	58,798	13,941	44,857	59,322	4,896	54,426
Kaskazini Pemba	115,831	26,908	88,923	59,556	17,947	41,609	56,275	8,961	47,314
Kusini Pemba	154,020	55,701	98,319	72,728	38,328	34,400	81,292	17,373	63,919
<b>Tanzania Zanzibar</b>	<b>530,939</b>	<b>133,001</b>	<b>397,938</b>	<b>261,519</b>	<b>95,124</b>	<b>166,395</b>	<b>269,420</b>	<b>37,877</b>	<b>231,543</b>
<b>Tanzania</b>	<b>20,049,190</b>	<b>7,959,001</b>	<b>12,090,189</b>	<b>9,775,544</b>	<b>5,506,541</b>	<b>4,269,003</b>	<b>10,273,646</b>	<b>2,452,460</b>	<b>7,821,186</b>



**Table 2.24: Number of Agricultural Household Members with Title Deed Possession Aged 18 Years and Above by Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Title Deed of Agricultural Land							
	Total			Male			Female	
	Total	Yes	No	Total	Yes	No	Total	No
Dodoma	514,977	186,206	328,771	360,535	130,878	229,657	154,442	99,114
Arusha	196,252	59,110	137,142	158,741	48,068	110,673	37,510	26,469
Kilimanjaro	285,918	73,712	212,206	202,344	51,603	150,741	83,572	61,464
Tanga	361,752	36,879	324,873	246,250	25,979	220,271	115,502	104,601
Morogoro	428,894	217,685	211,209	273,748	143,055	130,693	155,146	80,516
Pwani	261,751	44,967	216,784	161,758	28,903	132,855	99,993	83,929
Dar es Salaam	358,325	125,721	232,604	250,797	80,145	170,652	107,529	61,953
Lindi	344,982	21,630	323,352	180,221	12,543	167,678	164,762	155,675
Mtwara	406,571	93,674	312,897	222,830	62,190	160,640	183,741	152,257
Ruvuma	432,893	129,640	303,253	286,434	86,167	200,267	146,459	102,986
Iringa	244,508	62,957	181,551	146,572	37,107	109,465	97,935	72,085
Mbeya	374,130	104,867	269,263	263,184	70,825	192,359	110,945	76,904
Singida	271,479	116,314	155,165	213,069	90,605	122,464	58,409	32,700
Tabora	329,923	80,224	249,699	269,392	62,682	206,710	60,533	42,990
Rukwa	194,939	44,696	150,243	157,175	37,560	119,615	37,765	30,629
Kigoma	357,859	123,171	234,688	269,105	96,068	173,037	88,754	61,652
Shinyanga	153,309	26,927	126,382	123,611	22,973	100,638	29,697	25,743
Kagera	548,678	141,378	407,300	366,588	92,479	274,109	182,089	133,190
Mwanza	361,205	104,255	256,950	254,419	69,298	185,121	106,786	71,829
Mara	232,148	56,032	176,116	160,703	41,063	119,640	71,447	56,477
Manyara	242,814	77,882	164,932	196,174	62,281	133,893	46,641	31,039
Njombe	160,962	7,130	153,832	104,213	5,377	98,836	56,747	54,995
Katavi	53,014	8,220	44,794	42,383	6,908	35,475	10,631	9,319
Simiyu	167,112	30,833	136,279	118,482	20,450	98,032	48,629	38,247
Geita	242,083	36,857	205,226	183,416	30,484	152,932	58,666	52,294
Songwe	299,523	62,548	236,975	199,275	43,613	155,662	100,248	81,313
<b>Mainland Tanzania</b>	<b>7,826,001</b>	<b>2,073,515</b>	<b>5,752,486</b>	<b>5,411,419</b>	<b>1,459,304</b>	<b>3,952,115</b>	<b>2,414,578</b>	<b>1,800,370</b>
Kaskazini Unguja	20,452	3,520	16,932	16,022	3,199	12,823	4,431	4,109
Kusini Unguja	11,102	3,301	7,801	8,886	2,749	6,137	2,216	1,665
Mjini Magharibi	18,837	9,978	8,859	13,941	7,610	6,331	4,897	2,528
Kaskazini Pemba	26,907	10,600	16,307	17,946	8,086	9,860	8,960	6,447
Kusini Pemba	55,702	6,982	48,720	38,328	5,982	32,346	17,373	16,374
<b>Tanzania Zanzibar</b>	<b>133,000</b>	<b>34,381</b>	<b>98,619</b>	<b>95,123</b>	<b>27,626</b>	<b>67,497</b>	<b>37,877</b>	<b>31,123</b>
<b>Tanzania</b>	<b>7,959,001</b>	<b>2,107,896</b>	<b>5,851,105</b>	<b>5,506,542</b>	<b>1,486,930</b>	<b>4,019,612</b>	<b>2,452,455</b>	<b>1,831,493</b>

**Table 2.25: Number of Agricultural Household Members Aged 18 Years and Above by Tenure Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Tenure				
	Total	Customary Right of Occupancy with Certificate of Customary Right of Occupancy	Customary Right of Occupancy without Certificate of Customary Right of Occupancy	Granted Right of Occupancy (with Title Deed)	Other
Dodoma	514,977	8,423	492,796	12,515	1,243
Arusha	196,252	9,028	174,709	10,617	1,898
Kilimanjaro	285,918	6,247	267,434	9,248	2,989
Tanga	361,752	8,255	339,329	11,348	2,820
Morogoro	428,894	47,844	314,821	63,055	3,174
Pwani	261,752	20,316	233,798	6,532	1,106
Dar es Salaam	358,326	26,373	248,705	64,575	18,673
Lindi	344,983	1,173	340,986	1,392	1,432
Mtwara	406,571	15,273	384,378	6,700	220
Ruvuma	432,894	22,591	386,535	19,549	4,219
Iringa	244,507	21,579	190,728	28,497	3,703
Mbeya	374,130	25,583	320,225	24,975	3,347
Singida	271,479	3,228	263,234	4,075	942
Tabora	329,924	14,603	303,958	4,965	6,398
Rukwa	194,939	1,647	188,242	735	4,315
Kigoma	357,859	25,483	327,871	3,019	1,486
Shinyanga	153,308	8,962	136,409	5,688	2,249
Kagera	548,678	19,855	518,701	9,279	843
Mwanza	361,206	34,878	305,490	16,169	4,669
Mara	232,148	8,162	216,547	4,280	3,159
Manyara	242,815	11,848	217,789	7,842	5,336
Njombe	160,961	768	158,676	1,118	399
Katavi	53,013	726	50,510	1,681	96
Simiyu	167,112	10,638	151,043	4,497	934
Geita	242,082	10,036	228,699	3,078	269
Songwe	299,523	5,838	283,294	6,648	3,743
<b>Mainland Tanzania</b>	<b>7,826,003</b>	<b>369,357</b>	<b>7,044,907</b>	<b>332,077</b>	<b>79,662</b>
Kaskazini Unguja	20,453	850	17,765	1,675	163
Kusini Unguja	11,102	1,310	8,087	1,651	54
Mjini Magharibi	18,836	2,019	9,571	6,763	483
Kaskazini Pemba	26,907	3,807	17,055	6,045	-
Kusini Pemba	55,702	1,087	43,645	4,146	6,824
<b>Tanzania Zanzibar</b>	<b>133,000</b>	<b>9,073</b>	<b>96,123</b>	<b>20,280</b>	<b>7,524</b>
<b>Tanzania</b>	<b>7,959,003</b>	<b>378,430</b>	<b>7,141,030</b>	<b>352,357</b>	<b>87,186</b>

**Table 2.26: Number of Agricultural Household Members Aged 18 Years and Above who were Members of Cooperative or Farmers Organization or Both by Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Member of Co-operative/Farmers Organization					
	Both Sexes					
	Total	Yes Cooperative	Yes, Farmers Organization	Yes Both	No	Not Applicable
Dodoma	1,161,384	2,197	9,534	925	1,140,956	7,772
Arusha	570,646	3,026	5,337	723	512,000	49,560
Kilimanjaro	709,944	44,406	14,375	595	587,946	62,622
Tanga	884,110	5,589	13,593	2,902	808,178	53,848
Morogoro	1,004,454	5,310	11,545	2,304	926,132	59,163
Pwani	539,918	8,167	4,780	779	471,331	54,861
Dar es Salaam	1,188,264	2,104	-	3,200	956,565	226,395
Lindi	509,959	57,629	1,033	194	441,893	9,210
Mtwara	693,689	76,321	9,076	1,162	589,424	17,706
Ruvuma	834,906	98,358	32,917	13,449	650,804	39,378
Iringa	499,024	5,211	4,911	1,967	465,421	21,514
Mbeya	912,301	25,509	15,867	2,057	809,130	59,738
Singida	735,247	2,161	1,684	199	711,966	19,237
Tabora	1,147,313	38,470	21,735	2,546	998,402	86,160
Rukwa	533,862	3,442	2,817	465	511,025	16,113
Kigoma	880,762	10,237	7,647	2,044	834,085	26,749
Shinyanga	597,328	16,350	11,019	314	554,510	15,135
Kagera	1,116,290	56,460	19,973	16,905	1,014,986	7,966
Mwanza	1,136,749	17,552	3,790	284	1,038,007	77,116
Mara	610,570	7,983	5,824	2,847	546,393	47,523
Manyara	714,579	1,684	1,688	451	626,710	84,046
Njombe	329,680	887	4,273	675	310,006	13,839
Katavi	210,639	5,508	2,658	310	188,985	13,178
Simiyu	560,002	19,342	11,841	2,948	517,021	8,850
Geita	792,677	7,995	4,522	1,228	733,779	45,153
Songwe	643,958	15,931	12,875	522	588,800	25,830
<b>Mainland Tanzania</b>	<b>19,518,255</b>	<b>537,829</b>	<b>235,314</b>	<b>61,995</b>	<b>17,534,455</b>	<b>1,148,662</b>
Kaskazini Unguja	93,644	14,771	644	291	76,491	1,447
Kusini Unguja	49,323	6,716	673	158	36,458	5,318
Mjini Magharibi	118,120	6,066	2,713	-	108,352	989
Kaskazini Pemba	115,829	1,371	446	122	112,561	1,329
Kusini Pemba	154,021	5,272	3,473	456	117,319	27,501
<b>Tanzania Zanzibar</b>	<b>530,937</b>	<b>34,196</b>	<b>7,949</b>	<b>1,027</b>	<b>451,181</b>	<b>36,584</b>
<b>Tanzania</b>	<b>20,049,192</b>	<b>572,025</b>	<b>243,263</b>	<b>63,022</b>	<b>17,985,636</b>	<b>1,185,246</b>

**Cont... Table 2.26: Number of Agricultural Household Members Aged 18 Years and Above who were Members of Cooperative or Farmers Organization or Both by Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Member of Co-operative/Farmers Organization											
	Male						Female					
	Total	Yes Cooperative	Yes, Farmers Organization	Yes Both	No	Not Applicable	Total	Yes Cooperative	Yes, Farmers Organization	Yes Both	No	Not Applicable
Dodoma	585,438	1,166	5,710	725	576,751	1,086	575,946	1,031	3,824	200	564,205	6,686
Arusha	287,089	2,647	3,390	723	260,829	19,500	283,557	379	1,947	-	251,171	30,060
Kilimanjaro	343,961	28,119	9,267	-	279,941	26,634	365,983	16,287	5,108	595	308,005	35,988
Tanga	424,103	4,461	7,887	1,452	385,497	24,806	460,007	1,128	5,706	1,450	422,681	29,042
Morogoro	482,888	4,105	6,744	1,475	444,706	25,858	521,566	1,205	4,801	829	481,426	33,305
Pwani	252,675	5,877	2,299	587	222,804	21,108	287,243	2,290	2,481	192	248,527	33,753
Dar es Salaam	587,742	1,381	-	1,135	486,046	99,180	600,522	723	-	2,065	470,519	127,215
Lindi	246,127	38,479	563	-	202,152	4,933	263,832	19,150	470	194	239,741	4,277
Mtwara	319,463	51,061	5,272	450	254,588	8,092	374,226	25,260	3,804	712	334,836	9,614
Ruvuma	397,151	70,483	18,637	8,111	284,106	15,814	437,755	27,875	14,280	5,338	366,698	23,564
Iringa	231,594	3,814	4,278	269	213,807	9,426	267,430	1,397	633	1,698	251,614	12,088
Mbeya	438,049	20,535	10,305	1,509	378,157	27,543	474,252	4,974	5,562	548	430,973	32,195
Singida	363,009	1,588	1,194	199	353,003	7,025	372,238	573	490	-	358,963	12,212
Tabora	571,827	33,812	17,273	2,046	480,088	38,608	575,486	4,658	4,462	500	518,314	47,552
Rukwa	260,951	2,139	1,701	-	249,349	7,762	272,911	1,303	1,116	465	261,676	8,351
Kigoma	418,041	7,072	5,439	1,781	387,343	16,406	462,721	3,165	2,208	263	446,742	10,343
Shinyanga	300,082	12,480	7,519	-	273,699	6,384	297,246	3,870	3,500	314	280,811	8,751
Kagera	539,118	43,634	14,239	7,920	470,553	2,772	577,172	12,826	5,734	8,985	544,433	5,194
Mwanza	557,201	10,590	2,375	284	505,144	38,808	579,548	6,962	1,415	-	532,863	38,308
Mara	302,559	4,959	3,831	2,116	268,645	23,008	308,011	3,024	1,993	731	277,748	24,515
Manyara	367,694	528	1,464	268	331,476	33,958	346,885	1,156	224	183	295,234	50,088
Njombe	148,552	712	2,471	210	138,775	6,384	181,128	175	1,802	465	171,231	7,455
Katavi	107,739	4,997	2,340	236	93,543	6,623	102,900	511	318	74	95,442	6,555
Simiyu	278,111	12,779	6,605	1,128	254,135	3,464	281,891	6,563	5,236	1,820	262,886	5,386
Geita	401,642	6,992	3,922	680	364,023	26,025	391,035	1,003	600	548	369,756	19,128
Songwe	301,219	10,840	9,505	300	268,845	11,729	342,739	5,091	3,370	222	319,955	14,101
<b>Mainland Tanzania</b>	<b>9,514,025</b>	<b>385,250</b>	<b>154,230</b>	<b>33,604</b>	<b>8,428,005</b>	<b>512,936</b>	<b>10,004,230</b>	<b>152,579</b>	<b>81,084</b>	<b>28,391</b>	<b>9,106,450</b>	<b>635,726</b>
Kaskazini Unguja	45,698	4,922	352	-	39,957	467	47,946	9,849	292	291	36,534	980
Kusini Unguja	24,738	2,375	382	-	19,963	2,018	24,585	4,341	291	158	16,495	3,300
Mjini Magharibi	58,797	2,311	1,492	-	54,994	-	59,323	3,755	1,221	-	53,358	989
Kaskazini Pemba	59,555	565	-	122	58,516	352	56,274	806	446	-	54,045	977
Kusini Pemba	72,728	1,972	1,393	308	60,097	8,958	81,293	3,300	2,080	148	57,222	18,543
<b>Tanzania Zanzibar</b>	<b>261,516</b>	<b>12,145</b>	<b>3,619</b>	<b>430</b>	<b>233,527</b>	<b>11,795</b>	<b>269,421</b>	<b>22,051</b>	<b>4,330</b>	<b>597</b>	<b>217,654</b>	<b>24,789</b>
<b>Tanzania</b>	<b>9,775,541</b>	<b>397,395</b>	<b>157,849</b>	<b>34,034</b>	<b>8,661,532</b>	<b>524,731</b>	<b>10,273,651</b>	<b>174,630</b>	<b>85,414</b>	<b>28,988</b>	<b>9,324,104</b>	<b>660,515</b>

**Table 2.27: Number of Agricultural Households Members Aged 18 Years and Above Involved in Agricultural Activities as Main Activity and Generating Off Farm Income by Region During 2019/20 Agricultural Year, Tanzania**

Region	Generate Off Farm Income		Do Not Generate Off Farm Income		Total
	Number	Percent	Number	Percent	
Dodoma	246,290	29.1	601,118	70.9	847,408
Arusha	120,761	39	189,260	61	310,021
Kilimanjaro	129,005	32.2	271,413	67.8	400,418
Tanga	161,181	30.6	365,698	69.4	526,879
Morogoro	242,645	34.3	464,777	65.7	707,422
Pwani	139,031	45.9	163,918	54.1	302,949
Dar es Salaam	92,624	47	104,417	53	197,041
Lindi	138,312	36.1	244,953	63.9	383,265
Mtwara	171,652	33.3	344,190	66.7	515,842
Ruvuma	145,862	24.5	450,497	75.5	596,359
Iringa	102,328	37.9	167,366	62.1	269,694
Mbeya	200,838	37.9	328,462	62.1	529,300
Singida	190,673	37	324,379	63	515,052
Tabora	141,176	19.6	580,762	80.4	721,938
Rukwa	135,108	39.8	204,549	60.2	339,657
Kigoma	223,814	37.4	374,909	62.6	598,723
Shinyanga	83,009	21.3	306,944	78.7	389,953
Kagera	149,838	20.2	590,693	79.8	740,531
Mwanza	219,141	32.7	451,808	67.3	670,949
Mara	88,379	22.5	303,867	77.5	392,246
Manyara	78,995	18	360,476	82	439,471
Njombe	57,431	24.1	181,028	75.9	238,459
Katavi	33,831	23.9	107,924	76.1	141,755
Simiyu	77,001	21.4	282,867	78.6	359,868
Geita	116,834	23.5	380,259	76.5	497,093
Songwe	136,024	31.3	298,670	68.7	434,694
<b>Mainland Tanzania</b>	<b>3,621,783</b>	<b>30</b>	<b>8,445,204</b>	<b>70</b>	<b>12,066,987</b>
Kaskazini Unguja	18,657	46	21,893	54	40,550
Kusini Unguja	11,819	72.5	4,488	27.5	16,307
Mjini Magharibi	16,768	56.5	12,905	43.5	29,673
Kaskazini Pemba	30,118	69.3	13,335	30.7	43,453
Kusini Pemba	37,347	67.3	18,180	32.7	55,527
<b>Tanzania Zanzibar</b>	<b>114,709</b>	<b>61.8</b>	<b>70,801</b>	<b>38.2</b>	<b>185,510</b>
<b>Tanzania</b>	<b>3,736,492</b>	<b>30.5</b>	<b>8,516,005</b>	<b>69.5</b>	<b>12,252,497</b>

**Table 2.28: Area of Land by Type of Land Access/Ownership/Tenure and Region During 2019/20 Agricultural Year, Tanzania**

Region	Land Access/Ownership/Tenure							
	Total	Land Leased/ Certificate of Ownership (ha)	Land Owned under Customary Law (ha)	Land Bought from Others (ha)	Land Rented from Others (ha)	Land Borrowed from Others (ha)	Land Share- Cropped from Others (ha)	Land under Other Forms of Tenure (ha)
Dodoma	1,947,442	55,427	1,595,570	51,839	190,214	30,384	4,798	19,210
Arusha	344,822	21,362	272,699	14,686	24,523	5,017	2,672	3,864
Kilimanjaro	304,160	12,265	197,515	17,194	59,977	10,548	3,251	3,410
Tanga	877,660	35,822	724,954	41,930	17,932	42,742	3,745	10,535
Morogoro	1,133,982	297,428	659,468	13,599	131,438	20,748	2,607	8,693
Pwani	533,359	37,636	391,764	41,747	9,035	30,085	7,936	15,155
Dar es Salaam	737,512	140,255	289,096	216,764	46,036	22,470	5,666	17,227
Lindi	709,752	22,946	632,198	26,956	8,864	15,172	182	3,434
Mtwara	771,446	19,688	623,919	68,899	17,223	22,736	1,966	17,014
Ruvuma	1,353,301	78,877	1,191,623	27,688	34,305	13,813	811	6,184
Iringa	503,083	107,839	318,795	16,842	38,952	15,161	974	4,519
Mbeya	875,519	117,200	562,345	61,930	103,180	15,878	941	14,044
Singida	971,208	86,821	760,487	51,541	58,444	7,391	3,691	2,832
Tabora	1,771,624	25,129	1,388,836	121,561	106,563	54,251	5,738	69,547
Rukwa	740,291	26,514	597,363	45,859	53,071	16,621	575	288
Kigoma	616,280	2,005	567,309	17,631	12,680	13,921	498	2,236
Shinyanga	732,768	61,356	494,187	68,135	88,900	14,004	510	5,675
Kagera	840,851	54,385	579,854	106,610	54,150	29,866	3,867	12,119
Mwanza	662,792	52,881	426,681	18,517	96,239	27,916	5,834	34,726
Mara	413,435	7,298	351,497	12,732	33,495	6,511	1,064	838
Manyara	884,431	71,842	686,881	26,773	87,276	2,844	4,080	4,736
Njombe	370,541	5,103	329,719	6,735	22,189	2,864	23	3,909
Katavi	275,626	4,535	188,815	48,174	24,444	6,260	1,783	1,614
Simiyu	845,161	14,334	646,465	62,660	97,962	15,103	552	8,085
Geita	750,345	16,138	500,141	63,251	129,962	35,178	1,027	4,647
Songwe	620,638	33,273	478,790	16,325	78,204	10,448	794	2,804
<b>Mainland Tanzania</b>	<b>20,588,027</b>	<b>1,408,358</b>	<b>15,456,969</b>	<b>1,266,580</b>	<b>1,625,259</b>	<b>487,934</b>	<b>65,586</b>	<b>277,342</b>
Kaskazini Unguja	25,518	2,571	12,759	411	2,028	4,849	-	2,900
Kusini Unguja	20,450	4,002	11,066	406	380	4,140	214	241
Mjini Magharibi	32,158	5,253	9,315	1,274	1,393	10,552	279	4,092
Kaskazini Pemba	38,043	5,992	10,481	1,062	208	19,882	152	268
Kusini Pemba	70,071	4,008	38,753	1,848	63	17,265	928	7,206
<b>Tanzania Zanzibar</b>	<b>186,240</b>	<b>21,826</b>	<b>82,375</b>	<b>5,000</b>	<b>4,072</b>	<b>56,688</b>	<b>1,573</b>	<b>14,707</b>
<b>Tanzania</b>	<b>20,774,267</b>	<b>1,430,184</b>	<b>15,539,344</b>	<b>1,271,580</b>	<b>1,629,331</b>	<b>544,622</b>	<b>67,159</b>	<b>292,049</b>

**Table 2.29: Number of Agricultural Households by Type of Land Access/Ownership/Tenure and Region During 2019/20 Agricultural Year, Tanzania**

Region	Land Access/Ownership/Tenure						
	Land Leased/ Certificate of Ownership	Land owned under Customary Law	Land Bought from Others	Land Rented from Others	Land Borrowed from Others	Land Share- Cropped from Others	Land under Other forms of Tenure
Dodoma	7,843	447,480	7,848	112,619	28,580	3,287	4,647
Arusha	15,494	173,899	7,309	18,437	6,725	3,269	2,547
Kilimanjaro	11,088	255,291	16,648	71,847	27,480	9,024	3,289
Tanga	10,096	295,681	19,751	18,675	45,098	5,989	3,884
Morogoro	88,302	270,127	14,902	131,536	26,536	3,570	7,991
Pwani	7,583	174,603	23,470	9,356	41,311	1,626	10,861
Dar es Salaam	115,033	234,906	75,604	35,142	37,220	3,696	5,072
Lindi	6,494	217,423	11,722	10,708	14,617	225	2,776
Mtwara	8,545	261,888	31,556	14,463	28,928	717	5,217
Ruvuma	22,479	299,151	12,848	40,479	15,352	1,632	5,097
Iringa	30,802	175,970	10,695	53,378	23,073	2,200	6,176
Mbeya	53,004	304,122	45,940	119,674	31,415	1,803	11,304
Singida	38,088	249,383	19,460	44,961	8,964	3,148	2,428
Tabora	10,376	288,270	34,124	95,045	45,417	6,952	11,819
Rukwa	1,651	176,104	14,493	50,047	18,241	619	2,477
Kigoma	2,066	325,765	16,233	24,061	23,094	1,076	2,770
Shinyanga	25,595	148,350	26,395	83,211	17,518	674	5,850
Kagera	47,362	428,933	92,580	89,520	70,798	9,621	14,889
Mwanza	22,599	268,088	20,677	136,091	52,081	11,320	26,732
Mara	6,149	206,076	7,492	29,466	9,527	1,764	850
Manyara	17,601	221,383	8,492	43,553	4,313	2,598	2,839
Njombe	2,344	146,982	3,831	24,485	3,514	113	1,629
Katavi	1,287	45,308	9,151	21,228	5,672	873	1,027
Simiyu	4,807	133,648	12,183	81,611	11,028	879	4,341
Geita	4,143	195,470	31,622	121,866	34,140	2,792	5,734
Songwe	6,541	246,886	9,919	63,642	6,159	520	3,068
<b>Mainland Tanzania</b>	<b>567,372</b>	<b>6,191,187</b>	<b>584,945</b>	<b>1,545,101</b>	<b>636,801</b>	<b>79,987</b>	<b>155,314</b>
Kaskazini Unguja	4,773	18,615	766	981	9,561	-	4,561
Kusini Unguja	3,282	11,437	525	568	6,519	415	223
Mjini Magharibi	7,556	9,271	1,683	1,466	20,190	690	6,495
Kaskazini Pemba	6,675	14,228	1,148	321	24,704	198	1,124
Kusini Pemba	6,494	39,934	3,050	309	24,993	1,147	6,061
<b>Tanzania Zanzibar</b>	<b>28,780</b>	<b>93,485</b>	<b>7,172</b>	<b>3,645</b>	<b>85,967</b>	<b>2,450</b>	<b>18,464</b>
<b>Tanzania</b>	<b>596,152</b>	<b>6,284,672</b>	<b>592,117</b>	<b>1,548,746</b>	<b>722,768</b>	<b>82,437</b>	<b>173,778</b>

**Table 2.30: Number and Percentage of Agricultural Households Reported Whether All Land Available to the Household was Used by Region During 2019/20 Agricultural Year, Tanzania**

Region	Land Available				Total
	Yes		No		
	Number	Percent	Number	Percent	
Dodoma	354,302	69.5	155,846	30.5	510,148
Arusha	138,766	62.8	82,250	37.2	221,016
Kilimanjaro	217,754	74	76,557	26	294,311
Tanga	242,167	68.9	109,245	31.1	351,412
Morogoro	313,928	76	99,288	24	413,216
Pwani	129,399	59.4	88,522	40.6	217,921
Dar es Salaam	286,767	69.2	127,534	30.8	414,300
Lindi	152,691	66.5	76,973	33.5	229,664
Mtwara	242,547	79.5	62,487	20.5	305,034
Ruvuma	202,439	61	129,580	39	332,020
Iringa	114,443	54.6	95,042	45.4	209,485
Mbeya	236,472	62.1	144,166	37.9	380,639
Singida	194,032	71.2	78,630	28.8	272,662
Tabora	204,015	55.1	165,956	44.9	369,971
Rukwa	133,223	61	85,026	39	218,249
Kigoma	225,761	64.8	122,617	35.2	348,378
Shinyanga	125,739	61.4	79,187	38.6	204,926
Kagera	290,134	60.1	192,886	39.9	483,019
Mwanza	318,539	78.5	87,495	21.5	406,034
Mara	176,082	75.3	57,848	24.7	233,931
Manyara	173,138	63.6	99,087	36.4	272,224
Njombe	80,831	50.5	79,277	49.5	160,108
Katavi	50,337	65.5	26,530	34.5	76,867
Simiyu	110,297	61	70,392	39	180,689
Geita	171,292	63.6	97,850	36.4	269,141
Songwe	228,172	81	53,649	19	281,820
<b>Mainland Tanzania</b>	<b>5,113,267</b>	<b>66.8</b>	<b>2,543,920</b>	<b>33.2</b>	<b>7,657,185</b>
Kaskazini Unguja	28,708	90.9	2,886	9.1	31,594
Kusini Unguja	14,799	84.1	2,793	15.9	17,593
Mjini Magharibi	31,953	89.1	3,920	10.9	35,873
Kaskazini Pemba	37,621	92.3	3,160	7.7	40,781
Kusini Pemba	44,053	81	10,326	19	54,379
<b>Tanzania Zanzibar</b>	<b>157,134</b>	<b>87.2</b>	<b>23,085</b>	<b>12.8</b>	<b>180,220</b>
<b>Tanzania</b>	<b>5,270,401</b>	<b>67.2</b>	<b>2,567,004</b>	<b>32.8</b>	<b>7,837,405</b>



**Table 2.31: Number and Percentage of Agricultural Households by Whether they Consider Having Sufficient Land for the Household and Region During 2019/20 Agricultural Year, Tanzania**

Region	Sufficient Agricultural Land for Household				Total
	Yes		No		
	Number	Percent	Number	Percent	
Dodoma	207,069	40.6	303,079	59.4	510,148
Arusha	30,277	13.7	190,738	86.3	221,016
Kilimanjaro	51,594	17.5	242,717	82.5	294,311
Tanga	125,660	35.8	225,751	64.2	351,412
Morogoro	113,118	27.4	300,098	72.6	413,216
Pwani	114,603	52.6	103,318	47.4	217,921
Dar es Salaam	108,052	26.1	306,248	73.9	414,300
Lindi	140,116	61	89,548	39	229,664
Mtwara	187,477	61.5	117,557	38.5	305,034
Ruvuma	136,645	41.2	195,375	58.8	332,020
Iringa	99,100	47.3	110,386	52.7	209,485
Mbeya	105,873	27.8	274,766	72.2	380,639
Singida	61,764	22.7	210,898	77.3	272,662
Tabora	153,752	41.6	216,219	58.4	369,971
Rukwa	35,807	16.4	182,442	83.6	218,249
Kigoma	112,073	32.2	236,304	67.8	348,378
Shinyanga	80,931	39.5	123,995	60.5	204,926
Kagera	135,105	28	347,915	72	483,019
Mwanza	97,651	24	308,383	76	406,034
Mara	64,778	27.7	169,152	72.3	233,931
Manyara	65,740	24.1	206,484	75.9	272,224
Njombe	61,967	38.7	98,141	61.3	160,108
Katavi	14,946	19.4	61,921	80.6	76,867
Simiyu	35,171	19.5	145,518	80.5	180,689
Geita	69,059	25.7	200,083	74.3	269,141
Songwe	85,489	30.3	196,331	69.7	281,820
<b>Mainland Tanzania</b>	<b>2,493,817</b>	<b>32.6</b>	<b>5,163,367</b>	<b>67.4</b>	<b>7,657,185</b>
Kaskazini Unguja	20,303	64.3	11,291	35.7	31,594
Kusini Unguja	9,996	56.8	7,597	43.2	17,593
Mjini Magharibi	15,350	42.8	20,523	57.2	35,873
Kaskazini Pemba	14,814	36.3	25,967	63.7	40,781
Kusini Pemba	31,727	58.3	22,652	41.7	54,379
<b>Tanzania Zanzibar</b>	<b>92,190</b>	<b>51.2</b>	<b>88,030</b>	<b>48.8</b>	<b>180,220</b>
<b>Tanzania</b>	<b>2,586,008</b>	<b>32.9</b>	<b>5,251,397</b>	<b>67.1</b>	<b>7,837,405</b>

**Table 2.32: Number and Percentage of Agricultural Households by Whether Female Members of the Household Own or have Customary Right to Land by Region During 2019/20 Agricultural Year, Tanzania**

Region	Customary Right to Agricultural Land				Total
	Yes		No		
	Number	Percent	Number	Percent	
Dodoma	352,649	69.1	157,499	30.9	510,148
Arusha	71,922	32.5	149,094	67.5	221,016
Kilimanjaro	148,690	50.5	145,620	49.5	294,311
Tanga	261,470	74.4	89,941	25.6	351,412
Morogoro	252,752	61.2	160,464	38.8	413,216
Pwani	127,403	58.5	90,518	41.5	217,921
Dar es Salaam	307,899	74.3	106,401	25.7	414,300
Lindi	165,344	72	64,321	28	229,664
Mtwara	194,355	63.7	110,679	36.3	305,034
Ruvuma	268,203	80.8	63,817	19.2	332,020
Iringa	184,542	88.1	24,943	11.9	209,485
Mbeya	192,266	50.5	188,373	49.5	380,639
Singida	83,667	30.7	188,994	69.3	272,662
Tabora	127,212	34.4	242,760	65.6	369,971
Rukwa	133,415	61.1	84,834	38.9	218,249
Kigoma	185,094	53.1	163,283	46.9	348,378
Shinyanga	104,249	50.9	100,678	49.1	204,926
Kagera	311,064	64.4	171,955	35.6	483,019
Mwanza	160,175	39.4	245,859	60.6	406,034
Mara	88,810	38	145,120	62	233,931
Manyara	96,569	35.5	175,655	64.5	272,224
Njombe	65,694	41	94,414	59	160,108
Katavi	26,287	34.2	50,580	65.8	76,867
Simiyu	53,052	29.4	127,638	70.6	180,689
Geita	103,042	38.3	166,100	61.7	269,141
Songwe	139,879	49.6	141,941	50.4	281,820
<b>Mainland Tanzania</b>	<b>4,205,704</b>	<b>54.9</b>	<b>3,451,481</b>	<b>45.1</b>	<b>7,657,185</b>
Kaskazini Unguja	11,248	35.6	20,346	64.4	31,594
Kusini Unguja	9,856	56	7,736	44	17,593
Mjini Magharibi	14,114	39.3	21,759	60.7	35,873
Kaskazini Pemba	28,878	70.8	11,903	29.2	40,781
Kusini Pemba	26,100	48	28,279	52	54,379
<b>Tanzania Zanzibar</b>	<b>90,196</b>	<b>50</b>	<b>90,023</b>	<b>50</b>	<b>180,220</b>
<b>Tanzania</b>	<b>4,295,901</b>	<b>54.8</b>	<b>3,541,504</b>	<b>45.2</b>	<b>7,837,405</b>

**Table 2.33: Number of Agricultural Households that Majority of Agricultural Land Located in Different Regions During 2019/20 Agricultural Year, Tanzania**

Region	Total	Location of the Majority of Agricultural Production											
		Dodoma	Arusha	Kilimanjaro	Tanga	Morogoro	Pwani	Dar es Salaam	Lindi	Mtwara	Ruvuma	Iringa	Mbeya
Dodoma	510,148	505,453	-	-	611	368	-	-	-	-	-	368	-
Arusha	221,016	344	214,617	1,863	909	-	-	-	-	-	-	-	-
Kilimanjaro	294,311	-	111	292,241	503	143	177	-	-	-	83	-	-
Tanga	351,412	-	-	103	351,067	-	-	-	-	-	-	-	-
Morogoro	413,216	422	-	-	766	410,973	-	-	-	-	-	657	-
Pwani	217,921	-	128	-	1,131	1,569	213,555	151	117	480	-	455	-
Dar es Salaam	414,300	7,673	968	11,622	11,859	16,688	48,398	285,309	4,808	3,460	2,237	-	4,729
Lindi	229,664	-	-	-	-	-	-	-	229,664	-	-	-	-
Mtwara	305,034	-	-	-	153	-	-	-	3,184	301,542	155	-	-
Ruvuma	332,020	-	-	180	-	-	-	-	-	130	331,709	-	-
Iringa	209,485	-	-	-	-	136	-	-	-	118	86	207,858	711
Mbeya	380,639	-	-	140	-	-	179	-	-	167	689	371	372,244
Singida	272,662	199	-	-	-	300	-	-	-	393	-	-	292
Tabora	369,971	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	218,249	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	348,378	-	-	-	-	349	-	-	535	-	-	-	-
Shinyanga	204,926	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	483,019	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	406,034	-	155	-	-	309	-	-	-	-	-	-	-
Mara	233,931	-	-	-	-	59	-	-	-	-	-	-	-
Manyara	272,224	378	268	237	-	-	-	-	-	-	-	-	584
Njombe	160,108	-	-	-	-	-	-	-	-	-	759	361	523
Katavi	76,867	-	-	-	-	102	-	-	-	-	-	-	-
Simiyu	180,689	175	-	-	-	-	-	-	-	-	-	174	-
Geita	269,141	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	281,820	-	-	-	-	-	-	-	-	281	-	-	1,812
<b>Mainland Tanzania</b>	<b>7,657,185</b>	<b>514,644</b>	<b>216,247</b>	<b>306,386</b>	<b>366,999</b>	<b>430,996</b>	<b>262,309</b>	<b>285,460</b>	<b>238,308</b>	<b>306,571</b>	<b>335,718</b>	<b>210,244</b>	<b>380,895</b>
Kaskazini Unguja	31,594	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	17,593	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	35,873	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	40,781	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	54,379	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>180,220</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>7,837,405</b>	<b>514,644</b>	<b>216,247</b>	<b>306,386</b>	<b>366,999</b>	<b>430,996</b>	<b>262,309</b>	<b>285,460</b>	<b>238,308</b>	<b>306,571</b>	<b>335,718</b>	<b>210,244</b>	<b>380,895</b>

**Cont... Table 2.33: Number of Agricultural Households that Majority of Agricultural Land Located in Different Regions During 2019/20 Agricultural Year, Tanzania**

Region	Location of the Majority of Agricultural Production											
	Rukwa	Kigoma	Shinyanga	Kagera	Mwanza	Mara	Manyara	Njombe	Katavi	Simiyu	Geita	Songwe
Dodoma	-	-	-	-	-	-	3,018	-	-	-	-	-
Arusha	-	-	-	-	-	-	2,407	-	-	-	-	95
Kilimanjaro	-	-	-	-	-	-	624	-	-	-	-	-
Tanga	-	135	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	114	137	-	-	-	-
Dar es Salaam	2,353	1,548	4,675	2,129	774	542	-	1,510	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	126	450	-	-	-	-
Mbeya	1,666	-	-	-	-	-	-	489	-	-	-	4,694
Singida	-	-	-	-	-	-	636	-	-	-	-	-
Tabora	-	385	220	-	-	-	-	-	-	272	-	-
Rukwa	217,713	351	-	-	-	-	-	-	-	-	-	185
Kigoma	-	347,494	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	204,585	-	-	141	-	-	-	106	95	-
Kagera	-	-	-	483,019	-	-	-	-	-	-	-	-
Mwanza	-	353	460	349	400,736	798	-	-	-	1,325	1,235	-
Mara	154	-	-	-	84	233,182	-	-	-	394	-	-
Manyara	-	-	157	-	-	-	270,182	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	158,268	-	-	-	196
Katavi	104	-	-	-	-	-	-	-	76,565	-	-	96
Simiyu	-	-	-	-	490	-	-	-	-	179,708	-	142
Geita	-	303	726	1,615	640	343	-	-	-	-	265,515	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	279,727
<b>Mainland Tanzania</b>	<b>221,990</b>	<b>350,569</b>	<b>210,823</b>	<b>487,112</b>	<b>402,724</b>	<b>235,006</b>	<b>277,107</b>	<b>160,854</b>	<b>76,565</b>	<b>181,805</b>	<b>266,845</b>	<b>285,135</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>221,990</b>	<b>350,569</b>	<b>210,823</b>	<b>487,112</b>	<b>402,724</b>	<b>235,006</b>	<b>277,107</b>	<b>160,854</b>	<b>76,565</b>	<b>181,805</b>	<b>266,845</b>	<b>285,135</b>

**Cont... Table 2.33: Number of Agricultural Households that Majority of Agricultural Land Located in Different Regions During 2019/20 Agricultural Year, Tanzania**

Region	Location of the Majority of Agricultural Production					
	Kaskazini Unguja	Kusini Unguja	Mjini Magharibi	Kaskazini Pemba	Kusini Pemba	Total
Dodoma	-	-	-	-	-	510,148
Arusha	-	-	-	-	-	221,016
Kilimanjaro	-	-	-	-	-	294,311
Tanga	-	-	-	-	107	351,412
Morogoro	-	-	-	-	-	413,216
Pwani	-	-	-	-	-	217,921
Dar es Salaam	-	-	-	-	-	414,300
Lindi	-	-	-	-	-	229,664
Mtwara	-	-	-	-	-	305,034
Ruvuma	-	-	-	-	-	332,020
Iringa	-	-	-	-	-	209,485
Mbeya	-	-	-	-	-	380,639
Singida	-	-	-	-	-	272,662
Tabora	-	-	-	-	-	369,971
Rukwa	-	-	-	-	-	218,249
Kigoma	-	-	-	-	-	348,378
Shinyanga	-	-	-	-	-	204,926
Kagera	-	-	-	-	-	483,019
Mwanza	-	-	-	-	-	406,034
Mara	-	-	-	-	-	233,931
Manyara	-	-	-	-	-	272,224
Njombe	-	-	-	-	-	160,108
Katavi	-	-	-	-	-	76,867
Simiyu	-	-	-	-	-	180,689
Geita	-	-	-	-	-	269,141
Songwe	-	-	-	-	-	281,820
<b>Mainland Tanzania</b>	-	-	-	-	<b>107</b>	<b>7,657,185</b>
Kaskazini Unguja	31,594	-	-	-	-	31,594
Kusini Unguja	196	17,396	-	-	-	17,593
Mjini Magharibi	99	1,662	34,112	-	-	35,873
Kaskazini Pemba	-	-	-	40,696	85	40,781
Kusini Pemba	-	-	-	148	54,231	54,379
<b>Tanzania Zanzibar</b>	<b>31,889</b>	<b>19,058</b>	<b>34,112</b>	<b>40,844</b>	<b>54,316</b>	<b>180,220</b>
<b>Tanzania</b>	<b>31,889</b>	<b>19,058</b>	<b>34,112</b>	<b>40,844</b>	<b>54,423</b>	<b>7,837,405</b>

**Table 2.34: Area of Land Operated by Agricultural Households by Forms of Land Use and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total	Land Use												Area of Uncultivated Usable Land (excluding fallow)
		Area under Temporary Mono Crops (Ha)	Area under Temporary Mixed Crops (Ha)	Area under Permanent Mono Crops (Ha)	Area under Permanent Mixed Crops	Area under Permanent/ temporary mix	Area under Fish farming	Area under Pasture	Area under Fallow	Area under Natural Bush	Area under Planted Trees	Area Rented to Others	Area Unusable	
Dodoma	1,898,275	609,650	716,961	9,192	2,114	28,977	-	107,206	172,121	11,670	4,196	91,538	23,173	121,477
Arusha	315,374	81,841	119,190	4,043	3,766	6,531	39	34,342	31,678	2,128	1,015	6,172	6,120	18,510
Kilimanjaro	253,962	94,059	69,489	19,415	17,461	15,193	30	9,119	21,426	-	1,798	2,994	435	2,542
Tanga	830,180	270,433	56,165	75,623	45,282	100,151	149	14,179	112,533	13,208	4,239	2,064	1,201	134,955
Morogoro	978,042	484,834	93,593	27,104	19,138	40,412	375	15,038	85,699	8,957	6,784	65,641	10,397	120,070
Pwani	487,239	85,971	52,493	46,085	43,509	72,566	570	7,526	33,489	5,876	3,794	4,575	2,151	128,637
Dar es Salaam	433,811	210,321	46,770	41,766	33,614	13,705	2,219	7,271	32,988	83	24,518	783	2,836	16,937
Lindi	605,219	175,810	105,655	196,001	12,112	64,910	-	3,012	23,482	63	283	1,857	190	21,844
Mtwara	742,741	90,231	91,234	206,703	33,915	217,398	81	725	21,363	34,374	2,183	8,154	336	36,044
Ruvuma	1,208,782	318,030	153,570	115,190	31,163	40,034	945	8,963	200,459	180,360	30,584	13,106	15,831	100,547
Iringa	446,585	165,887	91,084	4,071	1,482	16,022	24	11,539	27,535	12,104	47,811	18,203	10,260	40,564
Mbeya	710,686	318,548	101,465	19,254	35,213	25,204	238	7,967	56,289	49,003	12,671	13,907	5,996	64,933
Singida	778,781	348,039	180,926	7,872	6,299	9,243	214	84,377	18,136	19,205	1,962	8,587	9,845	84,076
Tabora	1,517,590	656,790	249,134	10,016	2,585	34,476	58	129,440	188,582	110,211	4,294	20,210	27,115	84,679
Rukwa	646,467	347,332	61,790	7,232	518	4,500	363	32,777	108,482	23,822	6,178	18,551	6,654	28,268
Kigoma	589,930	114,142	104,187	54,216	9,116	119,573	53	383	109,749	1,394	13,783	4,283	1,747	57,304
Shinyanga	642,419	364,948	160,015	4,592	1,644	4,975	661	44,556	20,109	7,896	1,170	10,261	3,084	18,506
Kagera	730,335	104,543	123,665	40,090	83,553	238,602	804	48,135	37,536	1,780	21,919	8,979	5,429	15,301
Mwanza	575,848	282,147	163,483	12,374	4,331	29,606	41	22,482	25,542	5,657	8,170	8,711	2,886	10,418
Mara	355,080	211,291	32,009	25,168	1,674	3,049	-	19,571	27,876	5,201	2,093	4,251	5,124	17,773
Manyara	703,484	203,869	347,711	3,521	1,543	2,212	-	55,337	14,268	1,437	2,424	35,009	15,355	20,798
Njombe	315,755	142,595	26,505	11,108	1,761	3,110	37	3,213	57,674	16,088	43,705	3,288	296	6,375
Katavi	245,545	134,473	21,804	1,856	522	1,114	163	14,582	28,805	10,606	1,695	7,391	2,184	20,350
Simiyu	726,422	365,549	125,368	1,648	738	304	57	164,610	25,344	7,559	2,021	10,566	8,547	14,112
Geita	659,316	327,338	147,110	16,068	1,892	62,244	354	27,321	33,261	12,452	4,726	10,962	2,232	13,357
Songwe	533,394	424,215	33,603	17,401	4,349	2,283	61	3,452	21,036	358	4,033	6,556	707	15,340
<b>Mainland Tanzania</b>	<b>17,931,262</b>	<b>6,932,887</b>	<b>3,474,977</b>	<b>977,609</b>	<b>399,294</b>	<b>1,156,391</b>	<b>7,537</b>	<b>877,125</b>	<b>1,535,460</b>	<b>541,492</b>	<b>258,051</b>	<b>386,598</b>	<b>170,127</b>	<b>1,213,716</b>
Kaskazini Unguja	24,714	11,314	3,264	3,117	1,450	4,575	-	52	236	-	174	19	-	512
Kusini Unguja	18,276	4,853	1,786	2,620	3,498	3,114	-	134	402	28	1,148	-	28	665
Mjini Magharibi	30,445	10,579	2,900	4,136	5,830	6,197	-	164	92	-	208	-	43	294
Kaskazini Pemba	33,963	20,346	735	5,377	743	5,689	-	16	601	-	154	-	-	303
Kusini Pemba	65,903	21,629	3,021	8,893	6,957	22,368	19	50	737	170	441	32	-	1,586
<b>Tanzania Zanzibar</b>	<b>173,300</b>	<b>68,720</b>	<b>11,706</b>	<b>24,143</b>	<b>18,479</b>	<b>41,943</b>	<b>19</b>	<b>416</b>	<b>2,068</b>	<b>199</b>	<b>2,125</b>	<b>51</b>	<b>71</b>	<b>3,360</b>
<b>Tanzania</b>	<b>18,104,562</b>	<b>7,001,607</b>	<b>3,486,683</b>	<b>1,001,752</b>	<b>417,773</b>	<b>1,198,335</b>	<b>7,556</b>	<b>877,541</b>	<b>1,537,528</b>	<b>541,690</b>	<b>260,176</b>	<b>386,649</b>	<b>170,198</b>	<b>1,217,076</b>

**Table 2.35: Number of Agricultural Households by Type of Land Use and Region for 2019/20 Agricultural Year, Tanzania**

Region	Land Use												
	Households under Temporary Mono Crops	Households under Temporary Mixed Crops	Households under Permanent Mono Crops	Households under Permanent Mixed Crops	Households under Permanent/ temporary mix	Households under Fish Farming	Households under Pasture	Households under Fallow	Households under Natural Bush	Households under Planted Trees	Households Rented to Others	Households Unusable	Households of Uncultivated Usable Land (excluding fallow)
Dodoma	283,451	323,207	13,626	4,544	20,402	-	27,698	70,226	2,223	1,120	29,105	5,609	52,655
Arusha	67,591	100,913	19,068	13,481	14,473	674	20,583	16,848	2,201	6,386	2,613	6,338	10,255
Kilimanjaro	137,411	108,204	59,507	52,315	36,890	440	12,072	15,513	-	4,844	3,617	1,757	4,369
Tanga	219,189	61,952	91,293	43,631	98,774	1,295	7,743	51,135	6,135	11,026	2,452	2,502	55,350
Morogoro	312,077	84,068	26,459	40,524	36,582	549	7,934	37,159	3,659	4,882	32,575	6,290	39,504
Pwani	99,400	62,142	39,701	41,724	56,953	451	2,683	27,898	2,169	2,898	3,713	7,313	48,994
Dar es Salaam	176,474	60,912	74,726	70,865	34,431	4,528	18,804	4,557	826	5,553	968	1,897	8,016
Lindi	129,483	101,345	115,921	12,130	37,339	-	2,685	15,653	78	350	382	313	15,529
Mtwara	120,687	110,460	123,620	28,766	142,120	653	1,299	20,181	17,830	1,701	4,570	968	25,211
Ruvuma	263,365	118,244	95,570	45,693	26,849	3,678	10,776	97,923	43,971	27,404	10,862	45,146	61,557
Iringa	151,223	108,987	9,321	5,373	49,061	1,185	5,097	26,865	9,911	41,069	11,227	27,636	31,965
Mbeya	290,335	118,087	40,764	84,380	33,515	1,340	8,054	26,722	12,130	23,810	15,750	27,871	41,039
Singida	206,692	117,481	18,734	17,500	14,559	992	26,252	8,013	7,356	2,878	6,924	8,233	37,858
Tabora	307,307	180,312	27,266	9,886	17,445	717	43,226	71,287	32,036	10,871	16,361	14,225	29,461
Rukwa	183,590	40,840	12,005	1,375	7,481	829	8,419	46,413	6,077	4,968	10,575	6,942	18,809
Kigoma	163,363	165,350	112,436	28,986	168,527	265	849	85,150	3,432	17,669	4,522	5,055	52,225
Shinyanga	183,368	120,617	11,885	1,755	4,554	1,008	15,848	10,698	6,611	2,782	7,347	3,523	15,085
Kagera	116,159	201,350	69,144	92,687	305,557	1,577	17,017	32,760	3,540	33,563	10,298	10,865	21,559
Mwanza	275,258	204,012	29,019	14,592	42,877	773	24,695	21,058	3,701	12,766	12,832	5,898	11,445
Mara	182,323	31,217	38,985	4,380	4,332	-	12,221	20,724	4,292	6,149	2,679	7,955	18,891
Manyara	87,407	178,325	6,020	3,942	6,561	-	38,020	7,336	1,700	6,905	8,776	14,850	8,262
Njombe	133,493	26,766	24,948	5,600	6,574	290	2,165	34,258	7,487	34,365	2,086	393	6,724
Katavi	61,498	12,855	4,861	771	831	374	3,114	10,035	3,143	1,707	2,895	1,246	6,383
Simiyu	160,691	73,941	4,489	2,153	645	280	25,597	10,999	2,704	6,025	6,635	20,931	6,368
Geita	203,055	136,135	30,167	9,097	57,595	568	15,814	21,104	11,990	6,077	11,071	4,015	9,507
Songwe	247,755	29,468	25,114	8,479	4,851	864	3,403	13,554	707	8,099	4,067	1,874	15,126
<b>Mainland Tanzania</b>	<b>4,762,645</b>	<b>2,877,190</b>	<b>1,124,649</b>	<b>644,629</b>	<b>1,229,778</b>	<b>23,330</b>	<b>362,068</b>	<b>804,069</b>	<b>195,909</b>	<b>285,867</b>	<b>224,902</b>	<b>239,645</b>	<b>652,147</b>
Kaskazini Unguja	20,818	8,353	12,547	2,933	8,496	-	64	932	-	641	48	-	1,731
Kusini Unguja	9,770	4,864	7,333	4,945	4,286	-	254	780	70	727	-	109	1,490
Mjini Magharibi	24,152	6,443	11,146	8,618	7,313	-	779	496	-	571	-	439	1,270
Kaskazini Pemba	36,026	2,220	16,814	863	6,982	-	78	1,235	-	330	-	-	811
Kusini Pemba	39,585	7,008	23,499	12,652	31,851	368	322	1,973	335	2,018	157	-	4,632
<b>Tanzania Zanzibar</b>	<b>130,351</b>	<b>28,888</b>	<b>71,339</b>	<b>30,011</b>	<b>58,928</b>	<b>368</b>	<b>1,497</b>	<b>5,416</b>	<b>405</b>	<b>4,287</b>	<b>205</b>	<b>548</b>	<b>9,934</b>
<b>Tanzania</b>	<b>4,892,996</b>	<b>2,906,078</b>	<b>1,195,988</b>	<b>674,640</b>	<b>1,288,706</b>	<b>23,698</b>	<b>363,565</b>	<b>809,485</b>	<b>196,314</b>	<b>290,154</b>	<b>225,107</b>	<b>240,193</b>	<b>662,081</b>

**Table 2.36: Number and Percentage of Agricultural Households Practicing Conservational Farming by Region During 2019/20 Agricultural Year, Tanzania**

Region	Conservational Farming				Total
	Practice		Do Not Practice		
	Number	Percent	Number	Percent	
Dodoma	230,917	45.3	279,231	54.7	510,148
Arusha	59,038	26.7	161,978	73.3	221,016
Kilimanjaro	181,639	61.7	112,672	38.3	294,311
Tanga	154,329	43.9	197,083	56.1	351,412
Morogoro	56,390	13.6	356,826	86.4	413,216
Pwani	42,731	19.6	175,190	80.4	217,921
Dar es Salaam	43,215	10.4	371,085	89.6	414,300
Lindi	36,901	16.1	192,763	83.9	229,664
Mtwara	78,677	25.8	226,357	74.2	305,034
Ruvuma	176,167	53.1	155,853	46.9	332,020
Iringa	114,409	54.6	95,077	45.4	209,485
Mbeya	161,741	42.5	218,898	57.5	380,639
Singida	96,194	35.3	176,468	64.7	272,662
Tabora	156,387	42.3	213,584	57.7	369,971
Rukwa	78,548	36	139,701	64	218,249
Kigoma	256,835	73.7	91,543	26.3	348,378
Shinyanga	95,434	46.6	109,493	53.4	204,926
Kagera	317,561	65.7	165,459	34.3	483,019
Mwanza	129,000	31.8	277,034	68.2	406,034
Mara	69,622	29.8	164,309	70.2	233,931
Manyara	88,281	32.4	183,944	67.6	272,224
Njombe	30,025	18.8	130,083	81.2	160,108
Katavi	30,317	39.4	46,550	60.6	76,867
Simiyu	68,733	38	111,956	62	180,689
Geita	117,868	43.8	151,273	56.2	269,141
Songwe	50,184	17.8	231,636	82.2	281,820
<b>Mainland Tanzania</b>	<b>2,921,143</b>	<b>38.1</b>	<b>4,736,046</b>	<b>61.9</b>	<b>7,657,185</b>
Kaskazini Unguja	1,982	6.3	29,612	93.7	31,594
Kusini Unguja	5,349	30.4	12,244	69.6	17,593
Mjini Magharibi	18,130	50.5	17,743	49.5	35,873
Kaskazini Pemba	6,213	15.2	34,568	84.8	40,781
Kusini Pemba	25,986	47.8	28,393	52.2	54,379
<b>Tanzania Zanzibar</b>	<b>57,660</b>	<b>32.0</b>	<b>122,560</b>	<b>68.0</b>	<b>180,220</b>
<b>Tanzania</b>	<b>2,978,799</b>	<b>38.0</b>	<b>4,858,606</b>	<b>62.0</b>	<b>7,837,405</b>



**Table 2.37: Number and Percentage of Agricultural Households Practicing Conservational Farming by Methods and Region During 2019/20 Agricultural Year, Tanzania**

Region	Contour Farming								
	Contour Farming (for sloped lands)			Planting of Legumes and Other Soil Conserving Plants			Intense Use of Organic Fertilizer Over Inorganic Fertilizers		
	Yes	No	Total	Yes	No	Total	Yes	No	Total
Dodoma	44,071	186,846	230,917	166,937	63,980	230,917	91,018	139,899	230,917
Arusha	15,218	43,820	59,038	18,966	40,072	59,038	40,776	18,262	59,038
Kilimanjaro	32,242	149,397	181,639	110,826	70,813	181,639	124,309	57,330	181,639
Tanga	16,782	137,547	154,329	100,830	53,499	154,329	44,271	110,058	154,329
Morogoro	23,089	33,301	56,390	27,436	28,954	56,390	11,533	44,857	56,390
Pwani	10,252	32,479	42,731	32,166	10,565	42,731	8,316	34,415	42,731
Dar Es Salaam	30,912	12,303	43,215	15,310	27,905	43,215	17,835	25,380	43,215
Lindi	9,360	27,541	36,901	6,702	30,199	36,901	921	35,980	36,901
Mtwara	20,227	58,450	78,677	54,723	23,954	78,677	9,569	69,108	78,677
Ruvuma	120,524	55,643	176,167	80,853	95,314	176,167	21,313	154,854	176,167
Iringa	29,563	84,846	114,409	83,411	30,998	114,409	49,433	64,976	114,409
Mbeya	69,206	92,535	161,741	86,057	75,684	161,741	57,531	104,210	161,741
Singida	45,541	50,653	96,194	26,824	69,370	96,194	69,808	26,386	96,194
Tabora	71,591	84,796	156,387	96,072	60,315	156,387	66,077	90,310	156,387
Rukwa	18,578	59,970	78,548	39,544	39,004	78,548	18,343	60,205	78,548
Kigoma	105,199	151,636	256,835	221,912	34,923	256,835	53,723	203,112	256,835
Shinyanga	19,637	75,797	95,434	43,401	52,033	95,434	52,784	42,650	95,434
Kagera	66,043	251,518	317,561	230,687	86,874	317,561	80,920	236,641	317,561
Mwanza	71,935	57,065	129,000	51,621	77,379	129,000	67,855	61,145	129,000
Mara	35,417	34,205	69,622	17,429	52,193	69,622	38,690	30,932	69,622
Manyara	16,841	71,440	88,281	44,290	43,991	88,281	69,775	18,506	88,281
Njombe	11,120	18,905	30,025	12,080	17,945	30,025	6,522	23,503	30,025
Katavi	27,047	3,270	30,317	12,133	18,184	30,317	5,310	25,007	30,317
Simiyu	5,403	63,330	68,733	36,644	32,089	68,733	28,533	40,200	68,733
Geita	67,867	50,001	117,868	27,769	90,099	117,868	49,854	68,014	117,868
Songwe	38,804	11,380	50,184	30,938	19,246	50,184	25,919	24,265	50,184
<b>Mainland Tanzania</b>	<b>1,022,469</b>	<b>1,898,674</b>	<b>2,921,143</b>	<b>1,675,561</b>	<b>1,245,582</b>	<b>2,921,143</b>	<b>1,110,938</b>	<b>1,810,205</b>	<b>2,921,143</b>
Kaskazini Unguja	200	1,782	1,982	219	1,763	1,982	1,318	664	1,982
Kusini Unguja	271	5,078	5,349	966	4,383	5,349	4,337	1,012	5,349
Mjini Magharibi	1,658	16,472	18,130	439	17,691	18,130	12,570	5,560	18,130
Kaskazini Pemba	568	5,645	6,213	2,916	3,297	6,213	3,176	3,037	6,213
Kusini Pemba	3,558	22,428	25,986	15,429	10,557	25,986	11,405	14,581	25,986
<b>Tanzania Zanzibar</b>	<b>6,255</b>	<b>51,405</b>	<b>57,660</b>	<b>19,969</b>	<b>37,691</b>	<b>57,660</b>	<b>32,806</b>	<b>24,854</b>	<b>57,660</b>
<b>Tanzania</b>	<b>1,028,724</b>	<b>1,950,079</b>	<b>2,978,803</b>	<b>1,695,530</b>	<b>1,283,273</b>	<b>2,978,803</b>	<b>1,143,744</b>	<b>1,835,059</b>	<b>2,978,803</b>

**Cont... Table 2.37: Number and Percentage of Agricultural Households Practicing Conservational Farming by Methods and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Contour Farming								
	Covering Soil with Grasses/Leaves			Fallowing			Other		
	Yes	No	Total	Yes	No	Total	Yes	No	Total
Dodoma	67,475	163,442	230,917	35,736	195,181	230,917	1,230	229,687	230,917
Arusha	13,630	45,408	59,038	10,679	48,359	59,038	1,354	57,684	59,038
Kilimanjaro	76,653	104,986	181,639	33,865	147,774	181,639	1,719	179,920	181,639
Tanga	33,333	120,996	154,329	50,192	104,137	154,329	2,975	151,354	154,329
Morogoro	18,690	37,700	56,390	21,697	34,693	56,390	505	55,885	56,390
Pwani	11,562	31,169	42,731	11,250	31,481	42,731	508	42,223	42,731
Dar Es Salaam	9,671	33,544	43,215	5,919	37,296	43,215	1,308	41,907	43,215
Lindi	26,991	9,910	36,901	5,395	31,506	36,901	336	36,565	36,901
Mtwara	26,974	51,703	78,677	20,999	57,678	78,677	1,130	77,547	78,677
Ruvuma	28,963	147,204	176,167	77,060	99,107	176,167	12,708	163,459	176,167
Iringa	19,397	95,012	114,409	30,371	84,038	114,409	2,456	111,953	114,409
Mbeya	57,380	104,361	161,741	27,380	134,361	161,741	4,474	157,267	161,741
Singida	29,546	66,648	96,194	5,620	90,574	96,194	4,648	91,546	96,194
Tabora	45,214	111,173	156,387	62,654	93,733	156,387	1,129	155,258	156,387
Rukwa	30,916	47,632	78,548	35,640	42,908	78,548	545	78,003	78,548
Kigoma	66,729	190,106	256,835	74,914	181,921	256,835	2,366	254,469	256,835
Shinyanga	14,448	80,986	95,434	8,059	87,375	95,434	817	94,617	95,434
Kagera	206,839	110,722	317,561	83,980	233,581	317,561	2,154	315,407	317,561
Mwanza	29,165	99,835	129,000	27,139	101,861	129,000	2,267	126,733	129,000
Mara	20,395	49,227	69,622	25,543	44,079	69,622	545	69,077	69,622
Manyara	7,980	80,301	88,281	4,527	83,754	88,281	2,949	85,332	88,281
Njombe	8,725	21,300	30,025	14,004	16,021	30,025	648	29,377	30,025
Katavi	10,022	20,295	30,317	7,661	22,656	30,317	83	30,234	30,317
Simiyu	16,128	52,605	68,733	12,159	56,574	68,733	142	68,591	68,733
Geita	71,885	45,983	117,868	11,117	106,751	117,868	1,816	116,052	117,868
Songwe	16,956	33,228	50,184	17,579	32,605	50,184	2,533	47,651	50,184
<b>Mainland Tanzania</b>	<b>965,667</b>	<b>1,955,476</b>	<b>2,921,143</b>	<b>721,139</b>	<b>2,200,004</b>	<b>2,921,143</b>	<b>53,345</b>	<b>2,867,798</b>	<b>2,921,143</b>
Kaskazini Unguja	527	1,455	1,982	786	1,196	1,982	142	1,840	1,982
Kusini Unguja	2,746	2,603	5,349	522	4,827	5,349	55	5,294	5,349
Mjini Magharibi	13,612	4,518	18,130	5,013	13,117	18,130	-	18,130	18,130
Kaskazini Pemba	4,393	1,820	6,213	1,697	4,516	6,213	-	6,213	6,213
Kusini Pemba	8,233	17,753	25,986	7,672	18,314	25,986	578	25,408	25,986
<b>Tanzania Zanzibar</b>	<b>29,511</b>	<b>28,149</b>	<b>57,660</b>	<b>15,690</b>	<b>41,970</b>	<b>57,660</b>	<b>775</b>	<b>56,885</b>	<b>57,660</b>
<b>Tanzania</b>	<b>995,178</b>	<b>1,983,625</b>	<b>2,978,803</b>	<b>736,829</b>	<b>2,241,974</b>	<b>2,978,803</b>	<b>54,120</b>	<b>2,924,683</b>	<b>2,978,803</b>

**Table 2.38: Number of Agricultural Households Reported Average Distance from the Fields to Homestead by Region During 2019/20 Agricultural Year, Tanzania**

Region	Field 1										
	Distance to Homestead										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	139,336	33,185	21,628	53,004	64,646	44,510	68,112	49,257	34,571	1,901	510,148
Arusha	81,919	18,276	13,072	21,248	17,003	9,109	9,297	8,046	13,042	28,490	219,504
Kilimanjaro	130,390	14,022	9,174	20,699	32,491	16,503	19,357	22,709	17,974	8,904	292,224
Tanga	50,931	20,733	19,232	49,652	71,542	41,985	46,631	27,527	17,745	4,471	350,449
Morogoro	47,331	9,938	11,129	26,521	73,075	47,421	76,647	56,783	57,181	6,861	412,887
Pwani	79,581	13,313	7,009	17,516	25,719	16,050	19,747	16,309	11,200	10,663	217,107
Dar es Salaam	205,585	38,438	10,461	13,209	13,282	7,779	3,425	3,676	72,480	44,992	413,327
Lindi	18,807	42,060	2,645	20,733	37,637	25,599	42,107	27,445	10,271	2,024	229,327
Mtwara	29,353	5,834	13,392	35,867	64,294	46,371	59,573	33,481	15,623	845	304,633
Ruvuma	26,956	8,817	13,082	33,763	62,178	46,510	56,935	49,110	33,059	1,609	332,020
Iringa	49,123	6,286	7,142	18,647	31,131	27,468	26,151	21,535	21,243	759	209,485
Mbeya	71,721	13,487	11,713	39,677	84,490	30,344	55,253	32,054	32,832	8,542	380,113
Singida	134,868	22,355	13,092	21,615	32,800	9,389	18,547	5,146	9,304	5,147	272,264
Tabora	146,619	33,072	16,202	35,482	40,010	26,254	31,713	20,199	14,925	4,485	368,962
Rukwa	17,117	4,546	3,808	12,395	45,803	29,114	48,219	42,099	10,250	3,797	217,148
Kigoma	81,127	6,927	10,415	21,410	69,384	68,061	53,482	24,029	12,769	388	347,992
Shinyanga	74,817	14,715	10,311	22,905	35,621	19,947	13,456	6,799	5,347	871	204,790
Kagera	316,479	43,378	18,257	24,428	31,763	11,896	21,110	7,792	5,965	1,392	482,462
Mwanza	105,843	28,111	16,645	44,191	66,272	28,941	47,714	29,031	20,282	16,199	403,229
Mara	96,477	24,651	13,567	19,786	29,645	12,827	14,387	5,237	1,846	12,142	230,565
Manyara	88,081	30,205	16,633	20,536	27,605	15,942	20,403	17,186	17,998	11,512	266,101
Njombe	28,333	8,176	5,357	15,982	23,490	23,083	23,861	17,172	10,899	2,844	159,196
Katavi	15,024	3,582	2,906	7,775	15,423	9,034	9,374	4,817	4,685	4,246	76,867
Simiyu	38,929	22,063	16,297	24,578	30,366	12,477	19,021	8,391	3,756	3,649	179,529
Geita	77,643	15,702	10,899	26,226	44,638	18,577	40,972	16,406	12,844	4,934	268,842
Songwe	43,738	19,529	20,385	26,819	61,939	52,847	25,273	11,993	14,859	3,769	281,151
Mainland Tanzania	2,196,128	501,401	314,453	674,664	1,132,247	698,038	870,767	564,229	482,950	195,436	7,630,322
Kaskazini Unguja	3,980	1,476	1,244	4,935	8,223	5,415	3,228	1,501	558	1,034	31,594
Kusini Unguja	4,595	1,900	1,630	2,470	3,049	1,351	1,344	445	262	452	17,499
Mjini Magharibi	14,776	3,583	2,506	1,582	3,564	2,249	1,922	1,552	2,969	1,126	35,830
Kaskazini Pemba	3,597	5,336	5,001	8,991	8,761	4,277	3,281	931	422	183	40,781
Kusini Pemba	7,060	5,975	5,897	12,019	8,433	6,245	4,594	2,588	1,042	318	54,173
Tanzania Zanzibar	34,008	18,270	16,278	29,997	32,030	19,537	14,369	7,017	5,253	3,113	179,877
Tanzania	2,230,136	519,671	330,731	704,661	1,164,277	717,575	885,136	571,246	488,203	198,549	7,810,199

**Cont... Table 2.38: Number of Agricultural Households Reported Average Distance from the Fields to Homestead by Region During 2019/20  
Agricultural Year, Tanzania**

Region	Field 2										Total
	Distance to Homestead										
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	31,723	17,117	14,157	30,991	35,378	26,428	35,804	25,865	14,384	-	231,847
Arusha	11,316	5,282	3,139	6,377	7,697	2,844	2,637	3,719	3,851	411	47,274
Kilimanjaro	38,933	5,274	3,597	7,534	13,837	7,770	8,498	8,203	9,368	1,381	104,395
Tanga	12,742	7,296	10,893	23,386	27,660	24,202	21,231	14,603	8,408	723	151,143
Morogoro	13,465	4,797	5,716	15,982	28,376	18,071	20,249	16,669	15,893	1,318	140,535
Pwani	15,299	5,224	3,415	7,553	12,685	7,716	9,280	5,991	5,650	486	73,299
Dar es Salaam	9,267	962	3,134	4,800	4,549	3,522	973	1,721	9,771	2,510	41,210
Lindi	12,272	29,011	2,476	12,336	24,358	17,068	19,674	15,111	7,900	250	140,456
Mtwara	26,310	2,790	6,353	17,339	34,123	25,891	26,747	17,181	7,437	188	164,359
Ruvuma	18,997	6,988	9,522	19,071	33,271	24,335	31,771	26,528	15,777	198	186,459
Iringa	21,199	6,367	6,362	13,913	29,101	19,520	11,150	8,653	14,161	350	130,777
Mbeya	50,320	11,179	12,385	25,651	53,807	21,845	27,588	19,342	14,677	5,744	242,537
Singida	26,010	11,937	10,259	21,014	23,982	6,249	6,466	5,910	2,237	512	114,575
Tabora	33,609	19,299	14,946	25,345	35,341	21,838	18,450	13,084	6,880	-	188,792
Rukwa	7,943	4,232	1,416	7,257	16,133	15,285	13,497	10,590	5,220	856	82,430
Kigoma	20,900	5,385	10,625	30,539	48,954	48,307	38,255	18,658	6,509	1,081	229,213
Shinyanga	33,184	16,167	17,414	25,840	36,025	18,587	12,632	6,071	2,907	435	169,262
Kagera	30,765	39,061	29,488	28,618	53,175	21,706	18,544	7,040	5,670	604	234,672
Mwanza	41,015	19,034	13,396	23,001	41,223	16,550	22,143	15,634	11,276	2,006	205,279
Mara	9,658	3,883	4,226	7,128	7,758	2,996	3,222	1,228	617	281	40,998
Manyara	10,018	5,967	5,733	5,241	9,506	6,773	3,936	4,153	3,282	1,117	55,724
Njombe	11,982	3,196	3,239	9,053	13,198	11,118	13,002	8,579	3,029	343	76,738
Katavi	999	910	385	1,787	2,569	1,279	2,107	1,515	997	163	12,709
Simiyu	14,328	11,583	12,124	18,577	22,968	10,751	13,180	5,455	1,950	-	110,915
Geita	16,738	7,569	11,209	14,205	22,785	11,616	14,835	9,041	6,551	981	115,530
Songwe	11,516	6,751	9,406	11,032	27,236	16,957	13,492	3,653	2,503	696	103,242
Mainland Tanzania	530,508	257,261	225,015	413,570	665,695	409,224	409,363	274,197	186,905	22,634	3,394,370
Kaskazini Unguja	3,493	1,425	1,196	3,298	3,978	3,164	1,717	700	459	-	19,431
Kusini Unguja	2,054	945	1,032	1,074	784	712	549	523	30	-	7,702
Mjini Magharibi	4,645	2,433	1,720	1,826	1,738	741	440	362	1,341	-	15,247
Kaskazini Pemba	1,850	3,040	2,804	4,536	2,771	2,201	1,363	795	242	144	19,747
Kusini Pemba	2,071	2,756	7,905	8,075	9,774	5,204	3,626	2,448	1,016	-	42,875
Tanzania Zanzibar	14,113	10,599	14,657	18,809	19,045	12,022	7,695	4,828	3,088	144	105,002
Tanzania	544,621	267,860	239,672	432,379	684,740	421,246	417,058	279,025	189,993	22,778	3,499,372

**Cont... Table 2.38: Number of Agricultural Households Reported Average Distance from the Fields to Homestead by Region During 2019/20  
Agricultural Year, Tanzania**

Region	Field 3										Total
	Distance to Homestead										
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	14,638	6,676	4,261	14,896	13,450	8,013	12,388	7,477	5,682	-	87,482
Arusha	1,027	211	459	1,228	1,200	439	703	794	1,007	193	7,260
Kilimanjaro	10,610	1,795	1,097	3,294	3,808	1,071	721	1,291	1,525	750	25,962
Tanga	6,075	4,576	4,952	9,155	14,082	10,765	8,107	7,056	3,830	590	69,187
Morogoro	7,571	999	1,809	6,127	9,258	3,133	7,127	3,885	4,186	741	44,836
Pwani	3,732	1,067	1,152	2,429	2,602	1,276	1,821	1,477	1,488	-	17,043
Dar es Salaam	2,023	1,308	-	1,834	1,717	-	-	962	2,516	860	11,219
Lindi	10,928	22,996	1,679	4,499	9,560	6,421	9,224	5,291	1,651	250	72,498
Mtwara	20,558	951	2,644	5,930	15,235	8,738	9,569	5,947	3,148	842	73,562
Ruvuma	16,524	2,469	5,308	6,852	16,384	12,218	13,106	12,630	6,000	427	91,919
Iringa	16,786	1,194	2,008	8,243	12,388	9,861	6,784	3,683	6,511	-	67,457
Mbeya	32,423	7,312	5,020	12,009	21,958	12,685	11,689	7,671	10,488	3,416	124,672
Singida	12,469	5,164	4,899	6,222	7,798	4,627	3,362	1,020	-	834	46,395
Tabora	16,721	8,263	8,109	9,410	10,432	4,472	4,867	3,978	1,103	500	67,854
Rukwa	3,125	1,484	461	1,631	4,775	2,240	6,097	2,107	1,401	448	23,769
Kigoma	18,603	1,755	9,203	17,622	16,906	23,803	19,456	5,539	2,063	1,255	116,205
Shinyanga	20,982	13,317	13,776	15,097	17,004	8,214	8,876	3,156	2,120	435	102,977
Kagera	11,149	10,407	4,948	11,300	16,158	4,441	8,769	3,051	1,937	172	72,334
Mwanza	19,459	9,893	10,380	14,243	14,596	10,105	5,292	4,613	3,414	2,860	94,855
Mara	1,901	2,233	563	1,714	2,034	1,081	610	373	-	136	10,646
Manyara	1,922	1,747	1,684	1,823	1,539	1,967	2,212	789	420	436	14,538
Njombe	5,311	1,622	770	1,243	4,674	3,270	4,846	1,517	246	617	24,115
Katavi	328	-	119	603	634	114	187	188	-	78	2,250
Simiyu	8,430	10,645	5,533	11,168	11,758	7,828	5,530	2,082	656	326	63,955
Geita	12,004	4,376	6,589	8,303	9,752	5,308	8,263	2,325	2,209	-	59,128
Songwe	4,947	3,415	1,872	6,865	14,125	8,723	3,622	1,531	1,280	1,002	47,381
Mainland Tanzania	280,246	125,875	99,295	183,740	253,827	160,813	163,228	90,433	64,881	17,168	1,439,499
Kaskazini Unguja	1,587	469	849	1,355	2,118	1,155	794	521	463	-	9,311
Kusini Unguja	439	109	208	236	432	397	54	103	243	57	2,276
Mjini Magharibi	1,065	1,646	44	1,351	911	-	81	43	400	130	5,670
Kaskazini Pemba	1,237	995	591	823	985	350	186	89	79	-	5,334
Kusini Pemba	3,931	2,281	2,777	2,787	4,033	2,411	3,371	1,659	570	393	24,212
Tanzania Zanzibar	8,259	5,500	4,469	6,552	8,479	4,313	4,486	2,415	1,755	580	46,803
Tanzania	288,505	131,375	103,764	190,292	262,306	165,126	167,714	92,848	66,636	17,748	1,486,302

**Table 2.39: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Road by Region During 2019/20 Agricultural Year, Tanzania**

Region	Field 1										
	Distance to Nearest Road										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	85,345	54,350	49,738	79,314	82,287	43,028	61,569	37,580	14,491	2,446	510,148
Arusha	62,495	38,349	20,865	26,043	17,940	8,221	8,105	6,175	1,983	29,327	219,504
Kilimanjaro	132,470	42,681	28,646	31,787	28,944	9,011	5,396	4,021	1,888	7,380	292,224
Tanga	73,419	46,206	38,503	63,776	55,287	24,650	21,725	13,847	6,537	6,501	350,449
Morogoro	58,021	27,361	23,106	55,921	75,437	33,836	41,172	26,221	33,053	38,758	412,887
Pwani	67,690	32,223	25,960	27,195	24,964	9,509	8,685	5,780	4,595	10,507	217,107
Dar es Salaam	175,452	82,752	25,583	23,959	17,394	16,557	12,184	7,026	13,671	38,748	413,327
Lindi	44,205	45,946	10,933	30,931	36,798	24,357	23,115	9,009	2,546	1,488	229,327
Mtwara	49,565	31,624	33,336	53,496	55,179	28,936	32,727	14,428	2,088	3,253	304,633
Ruvuma	93,061	57,599	35,642	40,781	38,885	19,947	24,028	15,329	4,754	1,993	332,020
Iringa	67,843	36,718	27,167	27,312	18,535	10,266	13,335	3,592	1,615	3,101	209,485
Mbeya	141,311	49,003	39,488	45,548	48,125	19,900	15,268	6,197	3,551	11,723	380,113
Singida	67,765	35,822	33,949	37,395	40,704	14,542	19,623	5,334	7,685	9,444	272,264
Tabora	87,322	61,473	40,092	48,479	42,372	24,277	21,723	14,854	7,397	20,973	368,962
Rukwa	34,985	18,290	11,798	23,358	36,663	20,868	35,324	25,247	2,948	7,666	217,148
Kigoma	88,124	37,539	44,431	45,975	52,609	35,615	21,928	8,706	3,663	9,404	347,992
Shinyanga	61,321	33,325	20,031	21,620	28,202	18,729	12,596	5,512	1,601	1,852	204,790
Kagera	169,271	88,964	61,671	50,211	51,626	18,728	21,853	7,506	3,425	9,207	482,462
Mwanza	81,320	62,777	48,099	52,489	66,682	27,783	26,093	15,189	6,623	16,174	403,229
Mara	50,056	22,488	23,760	38,088	39,811	22,192	14,140	3,309	1,649	15,073	230,565
Manyara	84,498	51,127	29,367	26,395	19,803	8,129	7,951	7,605	6,873	24,354	266,101
Njombe	41,612	22,863	16,129	20,817	18,173	11,592	11,696	7,607	2,522	6,184	159,196
Katavi	18,556	9,578	7,064	8,266	7,560	4,363	4,371	1,515	1,320	14,275	76,867
Simiyu	26,863	15,437	23,016	24,431	33,863	22,178	19,335	7,788	2,537	4,080	179,529
Geita	54,916	36,424	31,771	37,378	43,070	22,212	26,358	8,693	3,119	4,900	268,842
Songwe	55,419	38,606	47,605	35,590	37,026	18,554	23,479	12,106	7,817	4,949	281,151
Mainland Tanzania	1,972,905	1,079,525	797,750	976,555	1,017,939	517,980	533,779	280,176	149,951	303,760	7,630,322
Kaskazini Unguja	8,807	4,820	3,178	4,249	4,513	3,241	1,400	304	-	1,082	31,594
Kusini Unguja	5,505	3,711	2,035	2,334	1,614	957	477	-	172	696	17,499
Mjini Magharibi	15,426	6,183	2,246	3,932	3,202	2,465	241	664	-	1,471	35,830
Kaskazini Pemba	5,613	8,847	8,213	9,095	4,859	2,110	1,511	266	84	183	40,781
Kusini Pemba	9,497	9,233	7,939	12,688	7,330	4,570	1,834	764	-	318	54,173
Tanzania Zanzibar	44,848	32,794	23,611	32,298	21,518	13,343	5,463	1,998	256	3,750	179,877
Tanzania	2,017,753	1,112,319	821,361	1,008,853	1,039,457	531,323	539,242	282,174	150,207	307,510	7,810,199

**Cont ... 2.39: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Road by Region During 2019/20 Agricultural Year, Tanzania**

Region	Field 2										
	Distance to Nearest Road										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	28,115	20,467	18,101	30,638	44,382	21,831	31,049	26,927	10,338	-	231,847
Arusha	14,912	9,125	6,413	6,268	5,412	899	1,502	1,782	551	411	47,274
Kilimanjaro	41,810	17,350	12,639	14,572	8,467	2,985	4,290	1,724	203	354	104,395
Tanga	21,694	21,001	17,002	23,983	22,350	15,970	15,114	9,114	3,196	1,720	151,143
Morogoro	17,308	9,808	12,366	21,858	28,487	11,450	14,749	7,619	7,990	8,900	140,535
Pwani	18,726	9,175	9,528	9,681	10,042	5,389	4,137	2,952	3,447	222	73,299
Dar es Salaam	9,571	4,560	11,149	860	4,792	4,143	1,696	1,929	1,548	962	41,210
Lindi	14,526	36,030	9,162	15,824	29,312	14,529	16,689	4,383	-	-	140,456
Mtwara	30,959	16,746	17,123	33,136	26,738	17,642	11,112	8,031	2,158	715	164,359
Ruvuma	42,966	27,085	21,771	22,866	30,867	14,731	11,587	10,204	3,774	609	186,459
Iringa	38,878	22,036	13,073	18,696	16,236	7,227	8,022	2,825	1,462	2,323	130,777
Mbeya	92,206	31,358	25,468	24,805	35,681	16,142	6,846	4,101	2,746	3,184	242,537
Singida	18,626	12,278	12,628	17,807	19,262	11,763	8,885	4,825	3,936	4,566	114,575
Tabora	25,972	25,810	21,153	25,464	32,116	15,737	17,448	9,803	1,956	13,334	188,792
Rukwa	15,194	5,520	4,836	9,146	14,478	11,699	11,857	3,883	1,754	4,062	82,430
Kigoma	24,058	15,913	29,637	38,954	48,205	33,845	21,148	6,781	1,960	8,713	229,213
Shinyanga	28,266	30,729	24,254	22,353	25,571	19,074	13,378	3,623	1,720	292	169,262
Kagera	42,459	40,011	39,094	36,936	29,167	21,751	16,920	3,181	754	4,398	234,672
Mwanza	31,548	34,374	26,543	26,198	38,355	16,429	16,656	7,127	6,708	1,339	205,279
Mara	8,190	3,188	5,781	8,031	5,780	5,059	3,317	868	-	786	40,998
Manyara	11,146	11,072	5,411	4,964	5,673	4,106	3,685	3,179	1,486	5,002	55,724
Njombe	20,149	13,035	8,910	8,681	9,221	5,541	5,704	3,865	1,234	399	76,738
Katavi	2,308	2,439	862	1,368	2,833	711	860	757	276	297	12,709
Simiyu	11,632	6,792	12,224	18,259	19,860	17,481	13,805	8,042	2,182	638	110,915
Geita	11,016	9,158	17,370	15,564	25,217	16,003	12,597	5,942	2,052	611	115,530
Songwe	12,608	13,923	18,427	10,821	11,245	13,054	13,241	4,343	2,580	3,001	103,242
<b>Mainland Tanzania</b>	<b>634,843</b>	<b>448,983</b>	<b>400,925</b>	<b>467,733</b>	<b>549,749</b>	<b>325,191</b>	<b>286,294</b>	<b>147,810</b>	<b>66,011</b>	<b>66,838</b>	<b>3,394,370</b>
Kaskazini Unguja	4,556	2,677	2,044	3,133	3,719	2,147	942	150	64	-	19,431
Kusini Unguja	2,137	2,016	1,076	584	546	676	322	55	116	173	7,702
Mjini Magharibi	5,909	2,033	1,416	3,584	1,449	432	334	44	45	-	15,247
Kaskazini Pemba	2,940	3,619	4,425	3,700	3,487	1,044	531	-	-	-	19,747
Kusini Pemba	4,288	6,135	7,106	8,660	7,468	5,784	2,727	705	-	-	42,875
<b>Tanzania Zanzibar</b>	<b>19,830</b>	<b>16,480</b>	<b>16,067</b>	<b>19,661</b>	<b>16,669</b>	<b>10,083</b>	<b>4,856</b>	<b>954</b>	<b>225</b>	<b>173</b>	<b>105,002</b>
<b>Tanzania</b>	<b>654,673</b>	<b>465,463</b>	<b>416,992</b>	<b>487,394</b>	<b>566,418</b>	<b>335,274</b>	<b>291,150</b>	<b>148,764</b>	<b>66,236</b>	<b>67,011</b>	<b>3,499,372</b>

**Cont ... 2.39: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Road by Region During 2019/20  
Agricultural Year, Tanzania**

Region	Field 3										
	Distance to Nearest Road										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	12133	7193	5714	12543	10106	8903	14642	11249	4790	210	87482
Arusha	1201	1794	1431	885	732	235	557	234	0	193	7260
Kilimanjaro	10456	4051	2690	4003	2317	1385	279	509	0	272	25962
Tanga	9672	5626	7959	11819	12081	6098	6010	5780	2642	1499	69187
Morogoro	6380	3338	3209	7360	7537	4142	5404	1917	4097	1452	44836
Pwani	4556	3523	1654	2343	1550	482	1856	843	0	236	17043
Dar es Salaam	1767	0	3918	1834	912	968	962	0	0	860	11219
Lindi	11615	26821	2790	7007	8684	6248	4755	3780	549	250	72498
Mtwara	17819	8762	6609	11233	11714	6630	6475	2716	959	644	73562
Ruvuma	25239	11117	6343	14979	14623	6480	6351	3969	2117	702	91919
Iringa	19598	8127	10437	9767	6861	4213	3706	3349	556	844	67457
Mbeya	48213	16510	12266	13287	18516	5251	4529	1953	1735	2414	124672
Singida	7404	2956	7106	9431	6462	5489	3099	1186	1397	1866	46395
Tabora	13545	11692	7809	7794	6370	5609	4217	2668	922	7227	67854
Rukwa	4440	1349	518	2744	6534	2168	3141	1532	0	1343	23769
Kigoma	10685	10319	14969	22064	16890	21979	10669	4167	1680	2783	116205
Shinyanga	16021	19908	15227	13429	15448	11890	7664	1996	624	767	102977
Kagera	15274	8028	14196	13012	11185	3713	2752	2772	828	574	72334
Mwanza	15235	18840	13930	10476	11019	8323	8026	3321	3470	2215	94855
Mara	1765	966	1051	1806	2703	1505	293	0	0	557	10646
Manyara	2095	2398	1831	1211	851	1389	846	719	380	2816	14538
Njombe	8311	2957	2009	1631	3721	1779	1994	968	133	611	24115
Katavi	981	316	291	300	0	114	0	66	0	182	2250
Simiyu	6227	7597	5477	8059	10350	11503	8872	4357	567	946	63955
Geita	7364	4680	6961	10602	10728	7270	8055	2034	1057	377	59128
Songwe	4247	5718	3576	7311	8824	6452	4627	4720	525	1382	47381
Mainland Tanzania	282,243	194,586	159,971	206,930	206,718	140,218	119,781	66,805	29,028	33,222	1,439,499
Kaskazini Unguja	1529	1667	620	1003	2421	1082	991	0	0	0	9311
Kusini Unguja	392	639	373	268	173	104	54	69	147	57	2276
Mjini Magharibi	1401	1494	625	1454	91	385	44	45	0	130	5670
Kaskazini Pemba	1093	1086	863	1012	986	295	0	0	0	0	5334
Kusini Pemba	4214	3822	2300	3529	3798	3554	1760	842	0	393	24212
Tanzania Zanzibar	8,629	8,708	4,781	7,266	7,469	5,420	2,849	956	147	580	46,803
Tanzania	290,872	203,294	164,752	214,196	214,187	145,638	122,630	67,761	29,175	33,802	1,486,302



**Table 2.40: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Market by Region During 2019/20 Agricultural Year, Tanzania**

Region	Field 1										
	Distance to Nearest Market										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	6,394	3,034	4,883	22,106	18,479	19,699	51,410	54,395	270,774	58,972	510,148
Arusha	3,781	5,584	7,870	13,172	21,456	18,061	30,643	41,121	39,110	38,848	219,646
Kilimanjaro	10,296	5,353	8,717	25,854	63,267	44,414	50,510	40,308	30,471	13,034	292,224
Tanga	1,842	3,578	7,952	19,115	38,277	38,855	56,795	73,851	88,366	22,098	350,729
Morogoro	8,044	1,890	3,827	11,359	24,993	17,952	44,535	56,341	103,208	140,738	412,887
Pwani	3,962	4,024	5,259	8,634	20,109	21,488	29,458	34,399	68,910	20,864	217,107
Dar es Salaam	22,802	44,220	35,123	34,263	36,143	32,506	42,927	36,194	80,991	48,158	413,327
Lindi	8,328	35,974	4,408	9,554	18,077	18,636	34,111	24,982	44,675	30,581	229,327
Mtwara	2,622	4,851	9,840	22,168	56,158	43,569	56,469	32,263	59,512	17,279	304,732
Ruvuma	4,434	2,003	7,506	23,657	42,588	38,073	53,281	53,083	63,785	43,610	332,020
Iringa	697	589	449	7,066	8,967	10,028	9,143	21,708	124,897	25,944	209,485
Mbeya	13,788	10,493	9,324	24,327	64,829	35,259	60,048	48,925	56,267	56,853	380,113
Singida	5,803	4,771	12,331	22,387	43,443	15,831	32,677	25,245	70,420	39,357	272,264
Tabora	8,217	9,332	12,738	24,383	31,877	32,167	32,792	48,242	93,670	75,544	368,962
Rukwa	6,818	5,429	3,475	14,379	32,443	22,424	30,601	32,297	37,199	32,082	217,148
Kigoma	17,518	38,380	31,123	57,558	59,504	48,638	42,919	33,473	14,659	4,608	348,378
Shinyanga	5,502	6,051	5,977	9,606	14,885	12,868	19,686	32,481	56,946	40,788	204,790
Kagera	13,772	12,181	24,670	40,898	86,420	53,434	83,050	79,116	28,004	60,918	482,462
Mwanza	8,737	10,085	12,192	37,041	67,107	44,204	69,480	58,987	52,689	42,706	403,229
Mara	4,375	4,376	5,939	21,923	36,243	29,472	32,565	30,233	23,477	41,963	230,565
Manyara	5,136	6,607	6,732	8,773	13,434	17,534	27,997	36,157	70,803	72,929	266,101
Njombe	2,906	1,123	678	3,745	5,795	6,174	9,111	11,351	50,789	67,524	159,196
Katavi	2,378	1,740	1,799	3,025	6,428	5,862	9,292	7,895	12,957	25,490	76,867
Simiyu	3,469	3,301	5,763	10,370	20,050	14,993	30,964	40,566	30,910	19,570	179,957
Geita	4,106	6,343	9,121	21,086	43,497	34,906	64,883	40,581	34,418	9,902	268,842
Songwe	11,248	13,875	15,562	28,838	58,871	50,931	36,362	24,352	23,897	17,215	281,151
Mainland Tanzania	186,975	245,187	253,258	525,287	933,340	727,978	1,041,709	1,018,546	1,631,804	1,067,575	7,631,657
Kaskazini Unguja	918	614	622	1,800	4,184	3,446	3,347	4,381	10,628	1,654	31,594
Kusini Unguja	581	264	155	416	521	319	554	1,846	5,687	7,158	17,499
Mjini Magharibi	442	297	49	868	3,110	3,109	4,947	5,029	16,271	1,706	35,830
Kaskazini Pemba	838	1,807	5,298	10,299	10,513	7,023	3,280	1,296	244	183	40,781
Kusini Pemba	332	808	1,521	6,793	8,917	7,483	4,922	10,075	12,862	461	54,173
Tanzania Zanzibar	3,111	3,790	7,645	20,176	27,245	21,380	17,050	22,627	45,692	11,162	179,877
Tanzania	190,086	248,977	260,903	545,463	960,585	749,358	1,058,759	1,041,173	1,677,496	1,078,737	7,811,534

**Cont... Table 2.40: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Market by Region During 2019/20  
Agricultural Year, Tanzania**

Region	Field 2										
	Distance to Nearest Market										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	2,138	1,336	2,457	5,354	10,384	7,665	22,676	28,993	116,701	34,143	231,847
Arusha	720	788	1,424	3,567	3,259	4,901	6,572	12,760	9,122	4,161	47,274
Kilimanjaro	2,737	1,757	2,097	7,382	18,416	16,390	22,565	16,441	14,186	2,422	104,395
Tanga	1,031	443	3,241	4,756	13,975	16,451	30,361	36,752	35,346	8,785	151,143
Morogoro	1,637	141	2,426	6,171	8,549	6,860	13,740	16,466	41,949	42,596	140,535
Pwani	2,460	1,336	1,737	1,905	6,154	5,142	11,809	10,453	29,634	2,670	73,299
Dar es Salaam	2,030	4,833	1,308	1,800	6,511	1,062	3,638	1,568	15,888	2,572	41,210
Lindi	1,853	27,356	3,978	3,697	12,377	10,550	21,924	14,124	30,658	13,940	140,456
Mtwara	1,953	4,658	6,454	16,103	29,861	21,801	19,070	18,049	42,661	3,748	164,359
Ruvuma	1,374	2,272	1,548	10,257	23,972	20,451	32,168	31,850	39,988	22,578	186,459
Iringa	1,314	323	439	2,922	4,526	3,669	4,344	10,667	88,397	14,174	130,777
Mbeya	8,906	8,769	7,701	11,507	36,228	30,198	36,973	34,536	34,933	32,785	242,537
Singida	1,828	2,372	3,046	10,636	14,839	8,641	13,020	12,361	35,193	12,639	114,575
Tabora	1,335	2,816	4,759	8,352	19,482	16,679	22,463	27,327	43,486	42,094	188,792
Rukwa	4,478	2,435	1,531	4,419	11,002	9,099	10,155	10,978	19,211	9,120	82,430
Kigoma	5,734	8,251	17,180	35,716	41,117	47,781	32,330	26,760	11,645	2,698	229,213
Shinyanga	2,807	4,418	4,189	6,073	10,567	13,846	13,777	29,921	49,503	34,161	169,262
Kagera	4,160	8,000	5,961	20,761	34,787	28,521	45,427	39,459	15,261	32,335	234,672
Mwanza	904	4,098	6,920	15,548	34,462	27,427	33,798	35,213	37,585	9,325	205,279
Mara	1,664	740	2,787	3,587	5,755	5,403	7,432	5,439	6,678	1,513	40,998
Manyara	1,837	641	2,218	535	1,731	2,202	6,585	5,984	17,466	16,526	55,724
Njombe	2,996	373	280	649	1,774	2,766	4,294	5,409	23,623	34,573	76,738
Katavi	187	461	168	800	1,521	905	1,932	2,324	3,217	1,196	12,709
Simiyu	1,079	2,093	3,204	8,761	8,703	11,135	17,101	27,907	21,823	9,110	110,915
Geita	1,147	1,658	2,784	6,285	13,259	14,811	27,071	22,784	24,760	970	115,530
Songwe	4,623	4,841	6,486	10,430	17,365	23,300	16,651	7,333	6,216	5,997	103,242
Mainland Tanzania	62,932	97,209	96,323	207,973	390,576	357,656	477,876	491,858	815,130	396,831	3,394,370
Kaskazini Unguja	536	428	513	1,413	2,224	2,307	2,136	2,881	6,666	326	19,431
Kusini Unguja	318	99	111	113	270	-	121	747	3,468	2,455	7,702
Mjini Magharibi	52	136	92	630	1,322	2,824	2,487	1,898	5,711	94	15,247
Kaskazini Pemba	511	875	2,484	5,840	4,004	3,861	1,188	829	155	-	19,747
Kusini Pemba	101	582	711	4,803	7,134	4,557	4,867	7,589	12,388	142	42,875
Tanzania Zanzibar	1,518	2,120	3,911	12,799	14,954	13,549	10,799	13,944	28,388	3,017	105,002
Tanzania	64,450	99,329	100,234	220,772	405,530	371,205	488,675	505,802	843,518	399,848	3,499,372

**Cont... Table 2.40: Number of Agricultural Households Reported Average Distance from the Fields to the Nearest Market by Region During 2019/20  
Agricultural Year, Tanzania**

Region	Field 3										
	Distance to Nearest Market										Total
	Less than 100 m	Between 100 and 300 m	Between 300 and 500 m	Between 500 and 1 km	Between 1 and 2 km	Between 2 and 3 km	Between 3 and 5 km	Between 5 and 10 km	Over 10 km	Not Applicable	
Dodoma	1,562	995	-	2,447	2,066	2,419	7,654	12,018	42,154	16,166	87,482
Arusha	-	130	760	243	742	293	1,479	1,064	1,592	957	7,260
Kilimanjaro	1,494	737	675	1,680	5,174	3,232	3,942	4,138	3,975	917	25,962
Tanga	403	289	1,255	3,373	5,338	8,409	12,397	19,179	14,358	4,186	69,187
Morogoro	1,921	-	822	1,067	3,464	2,414	4,214	4,843	14,978	11,111	44,836
Pwani	738	138	758	981	1,025	841	3,855	2,244	6,003	461	17,043
Dar es Salaam	962	-	-	4,053	-	-	962	-	4,383	860	11,219
Lindi	2,855	23,367	1,673	2,095	4,945	3,241	6,063	6,208	17,818	4,232	72,498
Mtwara	-	2,988	5,272	7,179	12,404	6,112	7,513	5,367	24,980	1,746	73,562
Ruvuma	1,244	769	709	4,063	12,545	13,473	16,561	15,849	17,399	9,306	91,919
Iringa	413	-	103	2,230	1,200	1,707	1,494	4,920	48,216	7,173	67,457
Mbeya	6,858	3,217	3,903	7,336	16,269	13,818	17,458	19,541	18,578	17,693	124,672
Singida	1,465	595	1,398	2,884	6,160	4,413	4,549	3,458	14,486	6,987	46,395
Tabora	1,716	2,041	1,604	2,643	3,117	6,395	8,047	7,748	13,867	20,675	67,854
Rukwa	1,646	1,041	518	1,527	4,638	1,782	3,917	1,892	5,507	1,301	23,769
Kigoma	1,644	1,488	14,651	20,939	19,580	21,209	21,329	8,230	5,341	1,795	116,205
Shinyanga	2,539	1,504	2,660	4,012	4,350	7,034	8,253	18,026	31,775	22,823	102,977
Kagera	1,538	2,306	5,420	6,833	7,454	6,317	13,629	13,205	5,320	10,313	72,334
Mwanza	1,109	1,547	1,789	9,377	12,275	12,334	15,192	14,577	22,614	4,043	94,855
Mara	272	-	919	1,495	1,662	1,641	1,203	1,267	1,570	618	10,646
Manyara	394	513	-	382	542	223	1,250	1,459	3,643	6,133	14,538
Njombe	1,174	176	-	-	738	992	1,288	836	7,076	11,835	24,115
Katavi	-	-	-	273	274	99	519	360	226	498	2,250
Simiyu	500	1,521	1,305	4,321	5,697	6,323	10,057	17,175	12,132	4,924	63,955
Geita	821	-	1,715	3,281	6,290	4,941	17,475	10,738	12,801	1,066	59,128
Songwe	919	1,636	2,166	6,348	9,269	8,327	8,257	5,042	2,089	3,328	47,381
Mainland Tanzania	34,187	46,998	50,075	101,062	147,218	137,989	198,557	199,384	352,881	171,147	1,439,499
Kaskazini Unguja	509	54	286	172	836	923	1,318	1,061	4,152	-	9,311
Kusini Unguja	-	-	-	-	-	-	61	57	1,390	768	2,276
Mjini Magharibi	100	-	-	378	706	636	1,938	385	1,397	130	5,670
Kaskazini Pemba	220	331	435	1,137	1,822	1,281	109	-	-	-	5,334
Kusini Pemba	496	101	1,297	2,165	4,321	2,234	2,865	3,073	7,267	393	24,212
Tanzania Zanzibar	1,325	486	2,018	3,852	7,685	5,074	6,291	4,576	14,206	1,291	46,803
Tanzania	35,512	47,484	52,093	104,914	154,903	143,063	204,848	203,960	367,087	172,438	1,486,302

**Table 2.41: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Dry Season During 2019/20 Agricultural Year, Tanzania**

Region	Water for Domestic Use					Water for Livestock				
	Less than 1 km	(1 – 3) km	(4 – 6) km	Above 6 km	Not Applicable	Less than 1 km	(1 – 3) km	(4 – 6) km	Above 6 km	Not Applicable
Dodoma	234,957	189,869	57,110	28,212	-	111,133	178,282	60,313	43,115	117,305
Arusha	105,612	60,961	23,957	28,052	2,434	68,366	57,013	26,189	33,292	36,156
Kilimanjaro	236,039	45,729	5,838	4,935	1,770	183,116	37,790	7,091	7,014	59,299
Tanga	209,264	101,094	24,226	8,578	8,249	73,013	74,725	20,387	8,965	174,322
Morogoro	318,894	81,699	10,734	1,531	358	97,374	48,941	11,329	5,503	250,069
Pwani	105,752	54,208	7,671	992	49,299	15,604	14,480	5,155	1,506	181,176
Dar es Salaam	302,609	56,312	-	-	55,379	128,797	21,341	-	-	264,162
Lindi	145,394	69,663	8,702	3,014	2,891	14,263	4,032	2,531	2,369	206,469
Mtwara	204,455	66,706	17,194	5,724	10,954	49,201	9,988	2,532	-	243,313
Ruvuma	264,424	51,306	3,110	511	12,668	167,853	44,149	5,939	803	113,275
Iringa	134,668	68,378	6,337	-	103	48,739	54,415	21,015	7,156	78,160
Mbeya	295,378	72,737	9,277	1,820	1,427	174,698	64,208	10,956	4,438	126,338
Singida	134,398	120,919	13,988	2,779	579	64,435	115,782	18,378	3,159	70,908
Tabora	240,015	110,258	14,936	4,374	388	91,853	83,004	16,023	5,013	174,077
Rukwa	147,149	65,451	3,412	1,889	348	61,917	54,125	12,094	4,295	85,817
Kigoma	278,126	68,503	1,363	-	385	129,975	63,465	12,558	2,843	139,537
Shinyanga	111,289	81,467	8,587	3,050	534	48,678	55,161	7,196	2,483	91,408
Kagera	156,746	237,632	61,536	26,442	662	88,114	162,075	49,628	22,367	160,835
Mwanza	201,822	165,281	27,658	9,202	2,071	87,396	108,866	26,950	11,383	171,439
Mara	84,394	105,842	31,803	11,372	520	45,438	72,882	29,781	12,693	73,136
Manyara	138,147	86,725	23,019	21,023	3,311	92,851	85,269	23,607	19,169	51,328
Njombe	135,885	22,455	1,125	387	257	40,946	40,542	11,194	6,842	60,584
Katavi	59,722	12,992	2,604	661	888	13,527	10,359	2,522	1,284	49,174
Simiyu	84,469	76,410	16,221	3,162	427	49,988	58,268	20,064	4,903	47,467
Geita	155,375	94,897	13,493	3,017	2,360	66,037	75,176	17,012	4,479	106,436
Songwe	158,115	106,714	14,311	2,212	469	85,950	91,375	16,181	2,750	85,563
<b>Mainland Tanzania</b>	<b>4,643,098</b>	<b>2,274,208</b>	<b>408,212</b>	<b>172,939</b>	<b>158,731</b>	<b>2,099,262</b>	<b>1,685,713</b>	<b>436,625</b>	<b>217,824</b>	<b>3,217,753</b>
Kaskazini Unguja	30,241	1,280	-	-	72	14,586	1,793	-	-	15,215
Kusini Unguja	16,606	740	-	-	247	9,003	699	-	-	7,890
Mjini Magharibi	35,252	330	-	-	290	15,960	1,153	-	-	18,760
Kaskazini Pemba	39,793	480	-	-	507	15,988	12,028	-	-	12,765
Kusini Pemba	53,242	987	-	-	150	18,659	14,817	-	-	20,903
<b>Tanzania Zanzibar</b>	<b>175,134</b>	<b>3,817</b>	<b>-</b>	<b>-</b>	<b>1,266</b>	<b>74,196</b>	<b>30,490</b>	<b>-</b>	<b>-</b>	<b>75,533</b>
<b>Tanzania</b>	<b>4,818,232</b>	<b>2,278,025</b>	<b>408,212</b>	<b>172,939</b>	<b>159,997</b>	<b>2,173,458</b>	<b>1,716,203</b>	<b>436,625</b>	<b>217,824</b>	<b>3,293,286</b>

**Cont... Table 2.41: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Dry Season During 2019/20  
Agricultural Year, Tanzania**

Region	Communal Grazing					Communal Firewood				
	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	64,002	83,470	53,435	39,867	269,374	64,078	135,592	92,929	83,462	134,087
Arusha	12,376	34,057	22,622	35,269	116,691	20,165	40,879	18,454	17,194	124,322
Kilimanjaro	23,480	16,744	6,492	7,328	240,267	35,098	38,739	14,530	10,736	195,207
Tanga	5,247	24,513	20,892	7,753	293,006	9,402	31,756	11,828	5,091	293,334
Morogoro	14,740	29,434	15,003	10,535	343,504	39,547	89,357	45,948	19,086	219,279
Pwani	5,130	4,486	3,659	3,748	200,899	9,044	9,876	3,232	2,466	193,303
Dar es Salaam	-	-	-	-	414,300	-	-	-	-	414,300
Lindi	1,936	2,930	1,784	2,570	220,443	7,114	25,312	4,476	2,391	190,372
Mtwara	3,598	628	-	-	300,808	2,151	4,971	7,195	1,593	289,124
Ruvuma	23,546	25,177	13,154	5,095	265,048	29,256	116,257	40,355	6,607	139,545
Iringa	3,758	35,611	26,115	11,966	132,036	3,879	41,512	14,941	10,016	139,137
Mbeya	23,151	23,857	11,197	13,313	309,121	33,607	49,902	25,972	25,682	245,477
Singida	23,818	18,000	6,531	10,258	214,055	29,039	37,223	13,575	11,554	181,271
Tabora	23,678	34,001	5,880	3,501	302,912	67,879	77,742	24,605	16,056	183,689
Rukwa	11,715	41,989	7,839	4,556	152,149	8,251	43,789	23,166	11,724	131,320
Kigoma	7,990	59,955	47,519	7,716	225,197	25,321	199,713	57,127	10,182	56,035
Shinyanga	11,075	11,319	2,183	294	180,056	22,268	16,618	6,690	1,527	157,823
Kagera	32,222	131,428	37,002	25,101	257,267	66,582	168,025	56,021	43,128	149,262
Mwanza	16,818	37,928	13,071	4,132	334,086	42,647	70,718	30,249	13,459	248,960
Mara	12,912	18,039	4,047	2,623	196,310	20,917	25,956	8,010	3,428	175,620
Manyara	23,432	24,833	13,072	9,975	200,912	21,798	10,835	5,958	2,600	231,033
Njombe	4,684	25,576	17,664	12,735	99,448	24,693	24,672	14,525	3,280	92,938
Katavi	4,964	3,977	937	1,297	65,692	9,361	15,584	4,618	1,393	45,910
Simiyu	6,113	6,910	2,481	1,849	163,336	8,886	8,880	3,609	1,619	157,695
Geita	17,835	28,114	8,328	3,056	211,809	42,223	39,661	19,179	10,663	157,416
Songwe	35,636	54,610	17,334	10,352	163,889	45,509	98,668	50,714	25,539	61,390
<b>Mainland Tanzania</b>	<b>413,856</b>	<b>777,586</b>	<b>358,241</b>	<b>234,889</b>	<b>5,872,615</b>	<b>688,715</b>	<b>1,422,237</b>	<b>597,906</b>	<b>340,476</b>	<b>4,607,849</b>
Kaskazini Unguja	789	1,009	99	127	29,570	1,578	9,790	3,016	-	17,210
Kusini Unguja	1,663	889	-	419	14,622	2,975	4,718	985	-	8,915
Mjini Magharibi	597	87	48	43	35,098	3,046	1,762	-	-	31,064
Kaskazini Pemba	8,483	20,038	1,365	332	10,562	6,848	30,190	-	-	3,743
Kusini Pemba	2,139	8,822	2,132	-	41,285	689	20,437	-	-	33,253
<b>Tanzania Zanzibar</b>	<b>13,671</b>	<b>30,845</b>	<b>3,644</b>	<b>921</b>	<b>131,137</b>	<b>15,136</b>	<b>66,897</b>	<b>4,001</b>	<b>-</b>	<b>94,185</b>
<b>Tanzania</b>	<b>427,527</b>	<b>808,431</b>	<b>361,885</b>	<b>235,810</b>	<b>6,003,752</b>	<b>703,851</b>	<b>1,489,134</b>	<b>601,907</b>	<b>340,476</b>	<b>4,702,034</b>

**Cont... Table 2.41: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Dry Season During 2019/20  
Agricultural Year, Tanzania**

Region	Building Poles					Forest for Bees (Honey)				
	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	31,005	93,344	70,779	78,712	236,308	10,784	31,812	21,579	18,660	427,313
Arusha	14,624	34,492	22,486	25,712	123,702	4,378	8,874	4,090	2,783	200,891
Kilimanjaro	18,516	19,791	8,461	5,723	241,819	4,186	7,298	1,640	2,152	279,035
Tanga	16,239	39,661	18,614	15,868	261,029	3,335	12,274	3,893	3,025	328,884
Morogoro	21,015	56,944	36,270	16,121	282,865	4,476	15,614	6,771	3,390	382,964
Pwani	6,165	12,316	6,033	6,406	187,001	4,045	2,533	3,454	410	207,479
Dar es Salaam	-	-	-	-	414,300	-	-	-	-	414,300
Lindi	2,543	29,923	8,174	9,543	179,481	1,907	3,339	1,832	2,846	219,741
Mtwara	2,183	12,956	20,537	2,950	266,408	539	2,870	2,051	484	299,090
Ruvuma	32,333	107,632	41,169	12,975	137,911	2,721	7,083	7,405	11,844	302,966
Iringa	5,762	33,488	16,897	13,592	139,746	2,407	13,312	13,105	8,305	172,356
Mbeya	24,547	28,954	14,949	16,828	295,360	5,495	9,490	5,351	11,915	348,388
Singida	19,459	24,092	10,239	8,861	210,012	11,946	12,187	4,813	6,396	237,321
Tabora	59,174	71,561	22,927	16,117	200,193	10,403	10,378	7,004	6,737	335,449
Rukwa	7,344	39,571	16,700	9,030	145,604	6,888	5,789	4,279	133	201,160
Kigoma	15,889	118,184	56,005	2,913	155,386	3,018	8,290	15,285	3,323	318,462
Shinyanga	20,110	27,584	9,630	6,765	140,837	2,038	3,283	1,060	651	197,893
Kagera	52,461	126,431	28,680	24,121	251,326	8,491	22,934	8,854	5,437	437,303
Mwanza	35,796	37,285	14,410	7,724	310,820	6,427	8,488	3,974	3,052	384,094
Mara	13,108	7,448	3,270	2,006	208,098	2,620	1,413	1,076	641	228,181
Manyara	43,107	14,129	8,633	5,216	201,139	5,338	2,116	1,358	2,294	261,118
Njombe	19,124	10,040	3,688	719	126,536	2,251	1,232	2,234	1,140	153,251
Katavi	5,945	6,971	4,836	1,802	57,313	703	2,439	1,469	5,115	67,140
Simiyu	6,196	5,138	1,846	860	166,649	2,943	4,150	2,295	1,594	169,707
Geita	19,387	16,092	7,473	3,804	222,387	4,644	9,367	5,361	6,073	243,697
Songwe	24,457	70,006	41,331	24,407	121,619	4,116	10,770	5,478	12,400	249,057
<b>Mainland Tanzania</b>	<b>516,489</b>	<b>1,044,033</b>	<b>494,037</b>	<b>318,775</b>	<b>5,283,849</b>	<b>116,099</b>	<b>217,335</b>	<b>135,711</b>	<b>120,800</b>	<b>7,067,240</b>
Kaskazini Unguja	260	1,066	179	106	29,983	338	1,141	-	-	30,114
Kusini Unguja	1,420	2,309	813	158	12,891	1,191	1,749	699	168	13,786
Mjini Magharibi	146	-	51	290	35,386	51	99	-	44	35,679
Kaskazini Pemba	1,220	8,097	3,593	727	27,144	1,413	6,693	3,728	399	28,548
Kusini Pemba	-	8,065	5,150	2,863	38,301	142	4,956	1,860	-	47,420
<b>Tanzania Zanzibar</b>	<b>3,046</b>	<b>19,537</b>	<b>9,786</b>	<b>4,144</b>	<b>143,705</b>	<b>3,135</b>	<b>14,638</b>	<b>6,287</b>	<b>611</b>	<b>155,547</b>
<b>Tanzania</b>	<b>519,535</b>	<b>1,063,570</b>	<b>503,823</b>	<b>322,919</b>	<b>5,427,554</b>	<b>119,234</b>	<b>231,973</b>	<b>141,998</b>	<b>121,411</b>	<b>7,222,787</b>

**Cont... Table 2.41: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Dry Season During 2019/20  
Agricultural Year, Tanzania**

Region	Area for Hunting					Area for Fishing				
	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	976	1,166	4,005	4,444	499,557	6,593	23,431	18,318	31,291	430,515
Arusha	1,631	1,175	2,331	5,654	210,225	4,034	6,544	3,360	6,289	200,789
Kilimanjaro	2,739	1,158	828	1,483	288,104	4,513	8,066	2,039	7,511	272,181
Tanga	218	3,475	2,077	3,616	342,026	18,900	25,785	20,249	16,691	269,787
Morogoro	2,789	633	619	2,773	406,402	5,931	18,306	14,744	24,353	349,882
Pwani	3,914	-	384	1,094	212,529	11,083	17,320	8,949	10,096	170,473
Dar es Salaam	-	-	-	-	414,300	13,123	21,602	26,919	37,751	314,905
Lindi	1,108	-	206	736	227,615	9,767	6,458	3,091	1,312	209,036
Mtwara	539	-	1,452	-	303,042	6,208	16,014	14,697	10,058	258,057
Ruvuma	1,584	1,886	757	5,136	322,656	4,696	9,172	6,080	9,624	302,448
Iringa	465	1,153	675	2,696	204,496	2,395	6,137	1,713	6,611	192,630
Mbeya	3,112	1,896	1,621	8,103	365,907	6,178	13,029	4,189	11,778	345,465
Singida	4,104	141	638	1,130	266,649	5,684	11,480	7,213	6,356	241,928
Tabora	3,170	222	708	4,078	361,794	4,660	11,761	9,204	5,940	338,407
Rukwa	3,791	960	1,259	1,338	210,901	15,581	10,760	6,487	9,005	176,417
Kigoma	722	-	937	1,828	344,891	11,995	12,465	4,652	4,026	315,240
Shinyanga	478	175	114	853	203,307	1,950	4,484	1,610	1,056	195,826
Kagera	3,294	19,337	9,141	11,623	439,625	13,237	46,243	34,673	36,220	352,646
Mwanza	3,800	2,231	767	737	398,499	29,841	48,034	32,248	39,388	256,522
Mara	1,626	741	53	456	231,055	16,302	20,182	5,880	6,341	185,226
Manyara	3,304	1,185	220	1,032	266,485	4,054	4,569	1,889	4,132	257,580
Njombe	1,453	426	298	325	157,607	3,686	1,072	479	3,182	151,689
Katavi	421	-	107	702	75,636	2,117	1,746	1,423	4,846	66,735
Simiyu	1,898	2,007	1,388	1,060	174,335	3,941	4,004	2,114	2,796	167,834
Geita	444	436	1,428	1,467	265,366	6,391	12,212	13,321	10,680	226,537
Songwe	3,882	4,976	2,417	7,480	263,066	17,061	22,075	9,142	18,343	215,199
<b>Mainland Tanzania</b>	<b>51,462</b>	<b>45,379</b>	<b>34,430</b>	<b>69,844</b>	<b>7,456,075</b>	<b>229,921</b>	<b>382,951</b>	<b>254,683</b>	<b>325,676</b>	<b>6,463,954</b>
Kaskazini Unguja	48	168	151	127	31,099	3,293	8,068	3,794	2,490	13,948
Kusini Unguja	601	1,751	507	380	14,353	2,708	3,156	1,777	693	9,259
Mjini Magharibi	-	-	-	-	35,873	810	2,956	2,586	2,788	26,733
Kaskazini Pemba	1,049	2,939	456	161	36,175	6,550	13,824	6,296	4,659	9,452
Kusini Pemba	-	1,363	1,162	-	51,854	4,369	21,595	13,720	9,015	5,680
<b>Tanzania Zanzibar</b>	<b>1,698</b>	<b>6,221</b>	<b>2,276</b>	<b>668</b>	<b>169,354</b>	<b>17,730</b>	<b>49,599</b>	<b>28,173</b>	<b>19,645</b>	<b>65,072</b>
<b>Tanzania</b>	<b>53,160</b>	<b>51,600</b>	<b>36,706</b>	<b>70,512</b>	<b>7,625,429</b>	<b>247,651</b>	<b>432,550</b>	<b>282,856</b>	<b>345,321</b>	<b>6,529,026</b>

**Table 2.42: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Wet Season During 2019/20 Agricultural Year, Tanzania**

Region	Water for Domestic Use					Water for Livestock				
	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	305,993	166,002	29,348	8,806	-	139,036	177,871	47,200	29,097	116,944
Arusha	137,941	65,228	10,256	4,872	2,719	93,260	67,671	15,066	7,848	37,170
Kilimanjaro	259,056	26,240	3,929	2,630	2,456	202,801	25,148	4,279	2,933	59,150
Tanga	279,203	58,324	5,471	1,226	7,187	97,071	61,229	13,941	4,423	174,747
Morogoro	345,190	58,724	7,416	1,279	607	103,614	39,594	10,980	6,057	252,972
Pwani	127,611	37,822	3,869	242	48,377	18,225	12,839	4,219	1,363	181,275
Dar es Salaam	307,275	53,652	-	-	53,373	123,034	18,924	-	-	272,342
Lindi	191,525	33,183	2,143	-	2,813	18,108	3,314	1,529	1,494	205,218
Mtwara	243,118	46,946	2,132	215	12,623	51,472	7,358	531	-	245,672
Ruvuma	271,351	43,952	2,642	749	13,326	169,453	39,350	6,218	857	116,141
Iringa	157,805	46,922	4,265	-	494	64,800	44,893	17,084	4,500	78,208
Mbeya	328,159	46,154	3,620	1,278	1,427	195,356	51,332	3,672	3,987	126,292
Singida	182,164	80,150	7,496	1,577	1,273	95,905	90,949	12,220	1,587	72,001
Tabora	279,787	83,922	4,506	1,368	388	119,188	66,806	6,742	3,541	173,694
Rukwa	157,388	55,549	3,071	1,894	348	68,709	52,458	8,536	2,188	86,359
Kigoma	293,137	53,251	849	755	385	134,095	60,054	11,812	2,904	139,513
Shinyanga	144,330	57,712	1,621	588	675	66,608	44,049	1,842	918	91,510
Kagera	217,907	220,640	33,231	10,579	662	117,972	152,136	36,202	15,769	160,941
Mwanza	270,740	117,071	12,292	1,967	3,964	135,795	82,378	11,956	3,433	172,473
Mara	145,684	79,034	6,625	1,289	1,298	81,528	66,291	10,201	2,256	73,654
Manyara	173,707	75,501	13,560	6,842	2,613	120,251	76,659	15,200	7,917	52,198
Njombe	139,802	18,905	767	176	458	42,424	40,197	10,246	6,580	60,661
Katavi	61,399	12,132	2,015	433	888	15,322	9,165	1,892	762	49,726
Simiyu	103,918	61,827	12,812	1,557	575	70,329	44,639	15,079	2,854	47,788
Geita	175,169	82,007	7,282	1,817	2,866	78,006	67,643	13,344	3,404	106,746
Songwe	187,668	82,205	9,518	1,609	820	104,637	76,852	12,152	5,055	83,124
<b>Mainland Tanzania</b>	<b>5,487,027</b>	<b>1,763,055</b>	<b>190,736</b>	<b>53,748</b>	<b>162,615</b>	<b>2,526,999</b>	<b>1,479,799</b>	<b>292,143</b>	<b>121,727</b>	<b>3,236,519</b>
Kaskazini Unguja	30,632	889	-	-	72	14,707	1,644	-	-	15,242
Kusini Unguja	16,703	643	-	-	247	8,716	723	-	-	8,154
Mjini Magharibi	34,483	480	-	-	910	15,961	1,153	-	-	18,759
Kaskazini Pemba	39,914	360	-	-	507	16,553	11,550	-	-	12,679
Kusini Pemba	53,564	815	-	-	-	19,318	15,353	-	-	19,708
<b>Tanzania Zanzibar</b>	<b>175,296</b>	<b>3,187</b>	<b>-</b>	<b>-</b>	<b>1,736</b>	<b>75,255</b>	<b>30,423</b>	<b>-</b>	<b>-</b>	<b>74,542</b>
<b>Tanzania</b>	<b>5,662,323</b>	<b>1,766,242</b>	<b>190,736</b>	<b>53,748</b>	<b>164,351</b>	<b>2,602,254</b>	<b>1,510,222</b>	<b>292,143</b>	<b>121,727</b>	<b>3,311,061</b>



**Cont... Table 2.42: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Wet Season During 2019/20 Agricultural Year, Tanzania**

Region	Communal Grazing					Communal Firewood				
	Less than 1 km	(1 – 3) km	(4 – 6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	50,552	87,083	56,109	48,516	267,889	86,688	130,025	88,702	72,976	131,756
Arusha	15,908	51,732	21,992	14,743	116,640	19,823	44,777	16,337	14,788	125,291
Kilimanjaro	23,544	17,374	6,706	4,481	242,207	36,188	36,819	13,495	8,255	199,554
Tanga	6,705	24,629	19,823	6,703	293,551	9,958	31,925	11,971	4,121	293,436
Morogoro	14,662	28,876	16,355	11,330	341,994	38,360	86,677	47,977	20,958	219,244
Pwani	5,241	4,625	4,041	3,474	200,539	8,393	9,830	2,991	2,568	194,139
Dar es Salaam	-	-	-	-	414,300	-	-	-	-	414,300
Lindi	1,895	2,930	2,156	2,561	220,122	7,718	25,748	5,025	2,199	188,975
Mtwara	1,897	628	-	186	302,323	2,264	4,971	7,195	1,839	288,766
Ruvuma	23,817	25,267	12,408	5,193	265,335	28,952	116,343	41,399	6,619	138,706
Iringa	2,592	38,379	25,501	11,966	131,048	3,879	40,495	15,614	10,271	139,226
Mbeya	23,376	22,586	10,549	12,425	311,703	33,735	51,079	26,924	24,351	244,549
Singida	23,368	18,104	6,362	10,468	214,359	30,872	35,990	13,814	11,858	180,128
Tabora	27,300	30,263	6,682	2,750	302,976	77,282	67,770	23,435	15,267	186,216
Rukwa	11,339	42,687	7,813	5,344	151,066	7,897	43,817	22,261	11,937	132,338
Kigoma	9,592	62,086	42,037	9,802	224,861	29,376	178,600	75,655	11,487	53,259
Shinyanga	11,972	9,536	1,412	306	181,700	22,989	16,207	6,801	1,674	157,255
Kagera	33,375	132,388	33,269	25,756	258,232	71,472	166,465	53,360	43,082	148,641
Mwanza	21,613	35,446	10,420	3,141	335,414	50,738	66,752	26,961	13,968	247,615
Mara	14,754	17,842	2,900	1,470	196,964	21,584	25,478	8,081	3,322	175,465
Manyara	24,151	23,739	10,984	8,513	204,838	22,706	11,042	5,381	2,472	230,623
Njombe	4,134	25,712	17,948	12,935	99,380	24,552	24,490	14,879	3,280	92,907
Katavi	5,019	4,310	674	918	65,946	9,427	15,339	4,417	1,200	46,484
Simiyu	6,839	6,116	3,010	1,518	163,206	9,802	7,610	3,884	1,949	157,445
Geita	19,597	27,159	8,166	2,910	211,310	43,177	40,783	18,365	11,185	155,631
Songwe	33,899	53,990	19,054	12,541	162,336	48,993	98,384	49,623	25,146	59,673
<b>Mainland Tanzania</b>	<b>417,141</b>	<b>793,487</b>	<b>346,371</b>	<b>219,950</b>	<b>5,880,239</b>	<b>746,825</b>	<b>1,377,416</b>	<b>604,547</b>	<b>326,772</b>	<b>4,601,622</b>
Kaskazini Unguja	672	1,009	175	51	29,687	1,578	9,716	3,114	-	17,184
Kusini Unguja	1,609	889	-	209	14,886	2,921	4,824	1,239	-	8,610
Mjini Magharibi	633	51	48	43	35,098	3,047	1,806	-	-	31,020
Kaskazini Pemba	8,875	20,780	1,036	85	10,005	6,848	30,946	-	-	2,987
Kusini Pemba	1,834	8,822	2,132	-	41,591	523	20,775	-	-	33,081
<b>Tanzania Zanzibar</b>	<b>13,623</b>	<b>31,551</b>	<b>3,391</b>	<b>388</b>	<b>131,267</b>	<b>14,917</b>	<b>68,067</b>	<b>4,353</b>	<b>-</b>	<b>92,882</b>
<b>Tanzania</b>	<b>430,764</b>	<b>825,038</b>	<b>349,762</b>	<b>220,338</b>	<b>6,011,506</b>	<b>761,742</b>	<b>1,445,483</b>	<b>608,900</b>	<b>326,772</b>	<b>4,694,504</b>

**Cont... Table 2.42: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Wet Season During 2019/20  
Agricultural Year, Tanzania**

Region	Building Poles					Forest for Bees (honey)				
	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	32,254	93,069	69,264	79,604	235,957	10,787	32,658	21,579	17,688	427,436
Arusha	14,596	35,205	20,534	26,026	124,655	4,718	8,801	4,020	2,916	200,561
Kilimanjaro	18,591	19,093	8,759	5,666	242,201	4,467	7,298	1,640	2,417	278,489
Tanga	16,471	39,229	18,803	15,070	261,838	2,981	12,274	3,893	3,182	329,081
Morogoro	19,951	53,981	38,582	16,699	284,004	4,733	15,922	7,024	2,494	383,043
Pwani	6,555	12,037	5,921	6,614	186,793	4,045	2,830	3,454	410	207,181
Dar es Salaam	-	-	-	-	414,300	-	-	-	-	414,300
Lindi	2,574	30,220	8,839	10,008	178,023	2,185	3,914	2,339	2,471	218,755
Mtwara	2,183	12,895	21,573	2,770	265,613	539	3,217	2,019	180	299,079
Ruvuma	32,690	107,790	40,658	13,844	137,038	3,141	7,346	7,818	11,783	301,931
Iringa	5,762	33,385	15,852	14,637	139,849	2,407	13,312	13,745	8,164	171,857
Mbeya	25,183	29,231	14,568	16,542	295,114	4,637	11,332	5,351	11,798	347,520
Singida	18,665	24,310	10,679	8,948	210,061	9,574	12,187	4,813	6,747	239,341
Tabora	61,864	68,787	23,436	16,843	199,041	10,592	10,378	6,508	5,828	336,666
Rukwa	7,168	39,695	16,577	8,903	145,907	7,121	5,789	4,426	-	200,913
Kigoma	15,594	109,383	62,894	4,369	156,138	3,018	7,686	13,571	5,378	318,724
Shinyanga	20,682	27,337	8,704	6,042	142,162	2,200	2,992	1,060	360	198,315
Kagera	54,646	125,527	28,782	22,804	251,259	8,460	22,733	8,854	4,673	438,300
Mwanza	37,036	37,428	14,510	6,837	310,223	6,141	7,688	3,250	2,561	386,393
Mara	12,817	7,448	3,104	2,067	208,495	2,620	1,413	1,076	494	228,327
Manyara	45,556	14,790	8,159	5,648	198,071	4,907	2,522	1,468	2,243	261,083
Njombe	19,124	10,803	3,688	572	125,920	2,251	1,336	2,130	1,565	152,826
Katavi	5,753	7,079	4,836	1,608	57,591	703	2,369	1,649	5,115	67,030
Simiyu	6,635	4,659	1,846	674	166,875	3,144	3,994	2,295	1,639	169,616
Geita	18,623	15,803	7,473	3,627	223,615	4,945	9,367	5,699	5,534	243,597
Songwe	26,142	69,418	41,323	23,338	121,598	4,126	10,770	5,830	14,036	247,058
<b>Mainland Tanzania</b>	<b>527,115</b>	<b>1,028,602</b>	<b>499,364</b>	<b>319,760</b>	<b>5,282,341</b>	<b>114,442</b>	<b>220,128</b>	<b>135,511</b>	<b>119,676</b>	<b>7,067,422</b>
Kaskazini Unguja	260	1,066	179	106	29,983	338	1,141	-	-	30,114
Kusini Unguja	1,366	2,363	813	267	12,782	1,191	1,737	645	111	13,909
Mjini Magharibi	146	-	51	290	35,386	51	99	-	44	35,679
Kaskazini Pemba	1,220	8,097	3,593	642	27,229	1,413	6,815	3,728	255	28,571
Kusini Pemba	-	8,166	5,150	3,036	38,026	142	4,956	1,860	-	47,420
<b>Tanzania Zanzibar</b>	<b>2,992</b>	<b>19,692</b>	<b>9,786</b>	<b>4,341</b>	<b>143,406</b>	<b>3,135</b>	<b>14,748</b>	<b>6,233</b>	<b>410</b>	<b>155,693</b>
<b>Tanzania</b>	<b>530,107</b>	<b>1,048,294</b>	<b>509,150</b>	<b>324,101</b>	<b>5,425,747</b>	<b>117,577</b>	<b>234,876</b>	<b>141,744</b>	<b>120,086</b>	<b>7,223,115</b>

**Cont... Table 2.42: Number of Agricultural Households Reported Average Distance to the Nearest Communal Resources in Wet Season During 2019/20  
Agricultural Year, Tanzania**

Region	Area for Hunting					Area for Fishing				
	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable	Less than 1 km	(1 -3) km	(4 -6) km	Above 6 km	Not Applicable
Dodoma	1,259	1,166	3,413	5,051	499,258	5,654	25,954	19,912	33,222	425,405
Arusha	2,110	1,898	2,160	5,078	209,769	4,211	7,081	3,155	6,180	200,389
Kilimanjaro	2,565	1,158	828	1,603	288,157	4,186	8,066	2,039	7,379	272,640
Tanga	431	3,475	2,077	3,459	341,971	18,741	27,132	20,252	16,413	268,874
Morogoro	2,980	887	619	2,753	405,977	6,241	18,711	14,293	24,641	349,331
Pwani	3,954	-	384	922	212,660	11,248	17,629	9,153	10,061	169,830
Dar es Salaam	-	-	-	-	414,300	13,123	21,602	26,919	38,753	313,902
Lindi	1,252	206	-	542	227,665	9,767	6,919	3,859	887	208,232
Mtwara	785	-	1,540	427	302,282	6,567	16,647	15,451	10,406	255,963
Ruvuma	1,349	1,886	1,029	4,846	322,909	4,706	9,690	6,080	9,196	302,347
Iringa	465	1,153	675	2,696	204,496	2,395	6,476	1,713	6,367	192,534
Mbeya	2,891	2,225	1,621	8,066	365,836	5,983	14,326	4,189	12,276	343,866
Singida	3,773	141	638	1,409	266,701	5,628	12,040	7,250	6,690	241,054
Tabora	2,948	222	708	3,736	362,357	4,926	20,285	11,271	5,914	327,575
Rukwa	3,075	1,236	747	1,416	211,774	16,617	11,032	6,688	8,031	175,881
Kigoma	722	-	937	1,828	344,891	12,383	12,465	4,652	3,764	315,114
Shinyanga	653	-	114	926	203,233	1,934	5,243	1,610	530	195,608
Kagera	2,890	20,012	8,921	11,623	439,573	16,629	53,772	35,811	36,769	340,038
Mwanza	3,800	2,426	767	1,204	397,837	33,030	48,464	34,322	40,099	250,118
Mara	1,698	669	53	602	230,909	16,738	20,633	5,964	6,402	184,194
Manyara	3,043	2,039	220	832	266,090	5,276	4,426	1,227	4,334	256,962
Njombe	1,683	424	298	147	157,556	3,686	1,072	479	3,182	151,689
Katavi	545	-	107	702	75,512	2,527	2,052	1,625	4,906	65,758
Simiyu	1,898	1,888	1,745	950	174,208	3,889	4,683	2,450	2,648	167,021
Geita	444	978	1,428	1,534	264,757	6,391	12,246	13,625	10,680	226,199
Songwe	3,712	4,976	2,065	9,386	261,681	16,996	22,524	10,205	17,743	214,353
<b>Mainland Tanzania</b>	<b>50,925</b>	<b>49,065</b>	<b>33,094</b>	<b>71,738</b>	<b>7,452,359</b>	<b>239,472</b>	<b>411,170</b>	<b>264,194</b>	<b>327,473</b>	<b>6,414,877</b>
Kaskazini Unguja	48	100	151	179	31,115	3,358	8,140	3,674	2,610	13,812
Kusini Unguja	601	1,751	507	325	14,409	2,699	3,386	1,863	808	8,837
Mjini Magharibi	-	-	-	-	35,873	949	3,045	2,586	2,833	26,461
Kaskazini Pemba	1,049	2,939	456	241	36,096	6,852	14,036	6,385	4,471	9,037
Kusini Pemba	-	1,363	1,162	-	51,854	4,369	21,716	13,914	9,197	5,184
<b>Tanzania Zanzibar</b>	<b>1,698</b>	<b>6,153</b>	<b>2,276</b>	<b>745</b>	<b>169,347</b>	<b>18,227</b>	<b>50,323</b>	<b>28,422</b>	<b>19,919</b>	<b>63,331</b>
<b>Tanzania</b>	<b>52,623</b>	<b>55,218</b>	<b>35,370</b>	<b>72,483</b>	<b>7,621,706</b>	<b>257,699</b>	<b>461,493</b>	<b>292,616</b>	<b>347,392</b>	<b>6,478,208</b>

**Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Water for Domestic Use							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market	Not Used by Household	Not Available
Dodoma	508,202	1,149	-	-	-	-	573	224
Arusha	217,541	858	-	84	-	-	99	-
Kilimanjaro	290,251	1,946	-	-	-	-	-	345
Tanga	343,448	649	-	-	-	-	-	128
Morogoro	412,219	-	-	-	-	-	259	380
Pwani	158,332	3,274	-	-	-	-	8,188	110
Dar es Salaam	321,115	30,533	-	805	-	-	5,480	2,994
Lindi	226,773	-	-	-	-	-	78	-
Mtwara	292,603	601	361	140	-	-	374	-
Ruvuma	318,703	273	-	-	-	-	-	375
Iringa	208,791	591	-	-	-	-	-	-
Mbeya	375,931	1,895	-	-	-	-	1,386	-
Singida	271,106	977	-	-	-	-	-	-
Tabora	368,739	622	-	-	-	-	222	-
Rukwa	217,312	-	-	-	-	-	589	-
Kigoma	347,992	-	-	-	-	-	-	-
Shinyanga	204,393	-	-	-	-	-	-	-
Kagera	481,113	387	374	-	-	-	483	-
Mwanza	397,068	4,770	-	-	-	368	1,757	-
Mara	233,325	-	-	-	-	-	-	217
Manyara	268,415	749	-	94	-	-	-	354
Njombe	159,851	-	-	-	-	-	-	-
Katavi	75,605	215	-	-	-	-	-	159
Simiyu	179,953	-	-	-	-	-	161	148
Geita	266,999	-	-	-	-	-	-	-
Songwe	276,775	2,739	-	249	-	-	1,590	-
<b>Mainland Tanzania</b>	<b>7,422,555</b>	<b>52,228</b>	<b>735</b>	<b>1,372</b>	<b>-</b>	<b>368</b>	<b>21,239</b>	<b>5,434</b>
Kaskazini Unguja	31,521	-	-	-	-	-	-	-
Kusini Unguja	17,076	-	-	-	-	-	270	-
Mjini Magharibi	35,187	-	-	-	-	-	395	-
Kaskazini Pemba	40,274	-	-	-	-	-	-	-
Kusini Pemba	54,379	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>178,437</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>665</b>	<b>-</b>
<b>Tanzania</b>	<b>7,600,992</b>	<b>52,228</b>	<b>735</b>	<b>1,372</b>	<b>-</b>	<b>368</b>	<b>21,904</b>	<b>5,434</b>

**Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Water for Livestock							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market	Not Used by Household	Not Available
Dodoma	272,561	874	-	-	-	-	119,423	889
Arusha	182,551	408	-	-	-	-	1,217	814
Kilimanjaro	226,038	1,048	-	-	-	-	7,504	1,115
Tanga	152,023	89	-	-	-	-	25,201	196
Morogoro	130,031	-	-	-	-	511	29,745	4,282
Pwani	22,622	248	-	-	-	-	10,573	4,341
Dar es Salaam	122,107	9,851	-	-	-	-	8,792	13,051
Lindi	20,978	-	-	-	-	-	3,027	1,790
Mtwara	50,552	-	-	-	-	-	9,016	2,872
Ruvuma	199,347	-	-	-	-	-	17,547	2,215
Iringa	81,269	-	-	-	-	-	49,840	1,007
Mbeya	235,020	548	-	-	-	-	15,198	5,612
Singida	154,112	709	-	-	-	-	45,388	1,985
Tabora	191,207	-	-	-	-	-	5,402	411
Rukwa	124,320	-	-	-	-	-	7,486	914
Kigoma	147,268	-	-	-	-	-	63,045	385
Shinyanga	113,188	-	-	-	-	-	463	-
Kagera	224,056	531	-	-	-	448	96,209	1,773
Mwanza	177,841	1,061	245	284	-	-	54,377	1,724
Mara	139,620	-	-	-	-	-	19,652	1,877
Manyara	214,509	613	-	214	-	-	3,353	2,466
Njombe	72,281	136	-	-	-	-	27,188	382
Katavi	26,622	-	-	-	-	-	389	792
Simiyu	111,801	-	175	-	-	-	20,748	497
Geita	130,167	-	-	315	-	-	31,611	1,007
Songwe	164,118	-	-	249	-	-	32,127	2,968
<b>Mainland Tanzania</b>	<b>3,686,209</b>	<b>16,116</b>	<b>420</b>	<b>1,062</b>	<b>-</b>	<b>959</b>	<b>704,521</b>	<b>55,365</b>
Kaskazini Unguja	16,214	-	-	-	-	-	64	148
Kusini Unguja	8,403	-	-	-	-	-	661	825
Mjini Magharibi	15,280	-	-	-	-	-	1,744	133
Kaskazini Pemba	17,154	-	-	-	-	-	10,862	86
Kusini Pemba	27,957	-	-	-	-	-	6,542	172
<b>Tanzania Zanzibar</b>	<b>85,008</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,873</b>	<b>1,364</b>
<b>Tanzania</b>	<b>3,771,217</b>	<b>16,116</b>	<b>420</b>	<b>1,062</b>	<b>-</b>	<b>959</b>	<b>724,394</b>	<b>56,729</b>

**Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Communal Grazing							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market	Not Used by Household	Not Available
Dodoma	152,926	219	-	-	-	-	78,764	11,353
Arusha	101,028	269	-	-	-	-	2,738	1,527
Kilimanjaro	44,861	-	-	-	-	-	7,896	1,749
Tanga	40,406	-	-	-	-	-	16,387	1,613
Morogoro	35,807	696	-	-	-	-	33,374	2,711
Pwani	5,342	151	-	-	171	-	8,409	3,445
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	6,009	-	-	-	-	-	2,473	1,511
Mtwara	1,236	-	-	-	-	-	817	2,359
Ruvuma	50,360	-	-	-	-	-	14,553	3,363
Iringa	20,255	-	-	-	-	-	58,583	-
Mbeya	47,656	-	-	-	-	-	15,882	10,328
Singida	38,843	-	-	190	-	243	16,016	4,461
Tabora	63,917	-	-	-	-	-	3,146	952
Rukwa	49,570	-	-	-	-	-	15,012	2,601
Kigoma	56,584	263	-	-	-	-	66,671	-
Shinyanga	24,022	-	-	-	-	-	1,173	489
Kagera	112,845	-	-	-	-	-	110,523	2,774
Mwanza	46,073	851	-	230	-	-	22,840	2,977
Mara	31,585	-	-	-	-	-	4,085	2,281
Manyara	67,672	-	-	-	-	-	2,943	2,008
Njombe	34,958	-	-	-	-	-	25,953	319
Katavi	9,973	-	-	-	-	-	649	620
Simiyu	14,845	-	-	-	-	-	1,866	1,103
Geita	43,878	-	-	-	-	-	11,697	3,551
Songwe	89,136	-	-	-	-	-	26,497	5,753
<b>Mainland Tanzania</b>	<b>1,189,787</b>	<b>2,449</b>	<b>-</b>	<b>420</b>	<b>171</b>	<b>243</b>	<b>548,947</b>	<b>69,848</b>
Kaskazini Unguja	1,615	-	-	-	-	-	308	100
Kusini Unguja	1,721	-	-	-	-	-	381	925
Mjini Magharibi	628	-	48	-	-	-	56	43
Kaskazini Pemba	19,413	-	-	-	-	-	11,042	433
Kusini Pemba	10,165	101	-	-	-	-	2,206	621
<b>Tanzania Zanzibar</b>	<b>33,542</b>	<b>101</b>	<b>48</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,993</b>	<b>2,122</b>
<b>Tanzania</b>	<b>1,223,329</b>	<b>2,550</b>	<b>48</b>	<b>420</b>	<b>171</b>	<b>243</b>	<b>562,940</b>	<b>71,970</b>

**Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Communal Firewood							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market	Not Used by Household	Not Available
Dodoma	355,432	3,522	525	-	-	-	8,576	11,585
Arusha	94,615	737	-	237	-	-	621	932
Kilimanjaro	95,004	1,118	355	-	-	-	3,371	880
Tanga	56,572	-	-	-	-	-	2,106	128
Morogoro	182,760	-	-	-	-	-	11,244	1,826
Pwani	17,777	151	-	-	-	-	5,383	1,308
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	40,158	-	-	-	-	-	-	877
Mtwara	15,709	-	-	-	-	-	153	774
Ruvuma	191,706	-	-	365	-	-	1,000	2,049
Iringa	62,987	-	-	-	-	-	7,437	146
Mbeya	126,029	430	-	306	-	-	4,384	6,006
Singida	85,573	-	-	-	-	-	7,768	510
Tabora	184,795	437	-	-	-	-	1,660	402
Rukwa	83,557	517	-	639	-	-	1,005	1,571
Kigoma	292,299	440	968	324	611	-	476	-
Shinyanga	46,971	-	-	-	-	-	521	461
Kagera	321,038	1,009	818	-	6,445	132	4,627	310
Mwanza	152,622	2,657	-	753	-	-	2,485	617
Mara	56,096	-	-	-	-	-	1,002	1,793
Manyara	41,033	248	-	-	-	-	186	2,116
Njombe	66,343	-	-	-	-	-	980	99
Katavi	29,725	570	-	102	-	-	150	477
Simiyu	22,104	323	-	-	-	-	809	635
Geita	106,212	-	-	-	-	-	1,803	5,672
Songwe	210,254	2,880	849	2,909	750	434	4,054	3,140
<b>Mainland Tanzania</b>	<b>2,937,371</b>	<b>15,039</b>	<b>3,515</b>	<b>5,635</b>	<b>7,806</b>	<b>566</b>	<b>71,801</b>	<b>44,314</b>
Kaskazini Unguja	14,168	51	102	-	-	-	110	52
Kusini Unguja	7,572	426	210	-	-	-	160	724
Mjini Magharibi	4,805	-	-	-	-	-	48	43
Kaskazini Pemba	37,154	-	-	-	-	-	640	-
Kusini Pemba	21,001	-	-	-	-	-	298	-
<b>Tanzania Zanzibar</b>	<b>84,700</b>	<b>477</b>	<b>312</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,256</b>	<b>819</b>
<b>Tanzania</b>	<b>3,022,071</b>	<b>15,516</b>	<b>3,827</b>	<b>5,635</b>	<b>7,806</b>	<b>566</b>	<b>73,057</b>	<b>45,133</b>

**Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Building Poles			Not Used by Household	Not Available
				Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market		
Dodoma	197,042	1,555	2,035	-	567	204	69,241	3,830
Arusha	85,649	565	-	227	-	208	9,574	1,671
Kilimanjaro	42,976	532	1,095	-	-	280	8,006	594
Tanga	80,739	2,483	176	486	-	-	5,931	734
Morogoro	101,370	136	-	-	-	-	27,597	1,882
Pwani	17,678	289	-	-	-	-	10,482	2,679
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	44,791	154	-	-	-	-	6,705	359
Mtwara	30,404	495	-	-	-	-	6,983	1,538
Ruvuma	174,981	4,045	1,858	236	-	530	13,165	828
Iringa	24,431	339	439	-	-	-	44,531	-
Mbeya	60,928	-	-	548	-	-	19,409	5,847
Singida	46,030	-	-	-	199	-	15,954	1,271
Tabora	166,020	1,329	-	-	406	-	4,291	934
Rukwa	65,222	290	-	-	-	-	5,835	1,574
Kigoma	171,040	-	1,047	859	357	-	19,688	-
Shinyanga	62,067	300	522	136	114	-	793	157
Kagera	181,575	1,092	3,399	4,403	10,345	498	30,021	2,334
Mwanza	71,287	945	660	243	-	-	21,980	1,362
Mara	22,670	-	-	-	-	-	1,987	1,237
Manyara	72,427	261	104	-	-	-	1,139	1,087
Njombe	32,572	373	-	-	-	-	1,389	-
Katavi	18,701	281	-	99	-	-	275	198
Simiyu	12,220	323	-	-	-	-	685	1,013
Geita	38,725	-	-	-	-	-	6,026	2,204
Songwe	117,424	1,866	1,402	1,687	-	1,101	34,318	3,636
<b>Mainland Tanzania</b>	<b>1,938,969</b>	<b>17,653</b>	<b>12,737</b>	<b>8,924</b>	<b>11,988</b>	<b>2,821</b>	<b>366,005</b>	<b>36,969</b>
Kaskazini Unguja	1,014	76	193	-	-	-	327	-
Kusini Unguja	2,896	52	54	-	-	-	877	931
Mjini Magharibi	393	-	-	-	-	-	51	43
Kaskazini Pemba	1,632	-	-	-	-	122	11,883	-
Kusini Pemba	8,672	-	101	-	-	-	7,201	585
<b>Tanzania Zanzibar</b>	<b>14,607</b>	<b>128</b>	<b>348</b>	<b>-</b>	<b>-</b>	<b>122</b>	<b>20,339</b>	<b>1,559</b>
<b>Tanzania</b>	<b>1,953,576</b>	<b>17,781</b>	<b>13,085</b>	<b>8,924</b>	<b>11,988</b>	<b>2,943</b>	<b>386,344</b>	<b>38,528</b>



**Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Forest for Bees (Honey)							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market	Not Used by Household	Not Available
Dodoma	30,550	-	-	1,255	447	-	49,749	2,028
Arusha	9,951	1,169	272	254	84	205	6,884	2,014
Kilimanjaro	6,688	183	-	92	150	-	8,419	386
Tanga	5,334	2,107	2,299	393	-	-	11,790	975
Morogoro	6,570	1,711	869	1,262	113	1,300	18,416	683
Pwani	749	915	414	540	147	-	4,682	3,293
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	6,581	516	-	885	-	-	2,027	1,271
Mtwara	511	1,187	-	-	-	-	3,279	1,529
Ruvuma	8,822	1,749	985	854	-	777	12,228	5,016
Iringa	4,183	400	645	-	-	-	32,400	244
Mbeya	9,968	985	679	1,253	-	237	14,511	6,510
Singida	12,526	1,472	218	356	-	-	15,326	6,055
Tabora	19,118	3,843	2,588	543	230	235	6,975	1,492
Rukwa	8,180	1,863	1,639	624	-	-	3,446	1,820
Kigoma	4,764	1,010	1,301	1,648	-	-	20,665	527
Shinyanga	2,202	663	850	198	-	-	2,453	829
Kagera	6,946	537	563	-	-	-	35,878	2,374
Mwanza	1,259	-	286	286	-	158	16,807	3,144
Mara	1,675	295	-	-	-	-	2,173	1,917
Manyara	7,222	-	383	-	-	-	2,287	2,131
Njombe	3,988	410	-	141	-	-	2,482	388
Katavi	3,535	917	1,397	1,691	408	400	1,488	-
Simiyu	1,935	243	2,699	1,370	286	201	2,743	2,172
Geita	5,048	505	647	234	-	697	16,979	2,369
Songwe	14,356	359	-	776	283	-	11,840	8,547
<b>Mainland Tanzania</b>	<b>182,661</b>	<b>23,039</b>	<b>18,734</b>	<b>14,655</b>	<b>2,148</b>	<b>4,210</b>	<b>305,927</b>	<b>57,714</b>
Kaskazini Unguja	-	-	99	129	49	375	699	129
Kusini Unguja	255	214	157	77	-	-	2,204	955
Mjini Magharibi	51	-	99	-	-	-	44	-
Kaskazini Pemba	321	883	106	-	-	-	10,569	444
Kusini Pemba	132	189	150	957	132	97	5,303	-
<b>Tanzania Zanzibar</b>	<b>759</b>	<b>1,286</b>	<b>611</b>	<b>1,163</b>	<b>181</b>	<b>472</b>	<b>18,819</b>	<b>1,528</b>
<b>Tanzania</b>	<b>183,420</b>	<b>24,325</b>	<b>19,345</b>	<b>15,818</b>	<b>2,329</b>	<b>4,682</b>	<b>324,746</b>	<b>59,242</b>

**Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania**

Region	Area for Hunting							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at major market	Not used by Household	Not Available
Dodoma	2,973	-	-	-	-	-	7,860	648
Arusha	1,556	209	-	-	-	-	8,424	1,229
Kilimanjaro	2,811	-	-	-	-	-	3,219	297
Tanga	4,095	316	-	-	-	-	4,817	370
Morogoro	2,425	184	-	438	-	-	2,901	2,135
Pwani	104	-	-	-	-	-	1,485	3,941
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	498	-	-	-	-	-	542	1,259
Mtwara	246	-	-	-	-	-	80	2,426
Ruvuma	3,658	227	306	-	-	-	3,789	1,759
Iringa	-	-	-	-	-	-	4,989	-
Mbeya	1,764	-	-	-	-	-	6,705	7,199
Singida	1,960	-	-	-	-	-	1,689	2,903
Tabora	2,563	1,360	-	-	-	-	3,047	1,616
Rukwa	4,262	598	-	-	-	-	1,027	2,227
Kigoma	-	263	-	-	-	-	2,989	235
Shinyanga	1,036	-	-	-	-	-	500	332
Kagera	11,223	374	533	-	-	-	31,693	695
Mwanza	1,129	-	-	286	-	-	4,459	2,323
Mara	598	144	-	-	-	-	1,007	1,273
Manyara	3,440	-	-	-	-	-	1,841	1,735
Njombe	2,201	-	-	-	-	-	367	311
Katavi	778	178	-	-	-	-	275	124
Simiyu	1,598	-	-	169	-	-	3,424	1,734
Geita	1,134	-	-	-	-	-	2,779	648
Songwe	7,736	-	-	-	-	-	6,866	7,481
<b>Mainland Tanzania</b>	<b>59,788</b>	<b>3,853</b>	<b>839</b>	<b>893</b>	<b>-</b>	<b>-</b>	<b>106,774</b>	<b>44,900</b>
Kaskazini Unguja	52	-	-	-	-	-	495	-
Kusini Unguja	335	141	-	-	-	-	2,102	660
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	1,349	-	-	-	-	-	2,863	634
Kusini Pemba	943	-	-	-	-	-	1,582	-
<b>Tanzania Zanzibar</b>	<b>2,679</b>	<b>141</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,042</b>	<b>1,294</b>
<b>Tanzania</b>	<b>62,467</b>	<b>3,994</b>	<b>839</b>	<b>893</b>	<b>-</b>	<b>-</b>	<b>113,816</b>	<b>46,194</b>

Cont... Table 2.43: Number of Agricultural Households Reported the Main Use of Communal Resources During 2019/20 Agricultural Year, Tanzania

Region	Area for Fishing							
	Home/Farm Consumption/Utilisation	Sold to Neighbours	Sold to Trader on the Farm	Sold to Village Market	Sold to Wholesale at Local Market	Sold to Wholesale at Major Market	Not Used by Household	Not Available
Dodoma	44,410	4,015	204	628	-	578	35,088	648
Arusha	12,570	752	-	544	373	-	5,157	1,321
Kilimanjaro	9,660	230	379	92	150	-	11,315	305
Tanga	27,236	11,933	3,979	2,432	146	206	35,496	1,434
Morogoro	19,520	6,207	828	307	395	-	35,748	1,377
Pwani	13,154	4,052	3,203	6,897	1,522	1,767	14,436	3,059
Dar es Salaam	85,546	1,469	664	912	-	1,013	9,246	4,516
Lindi	9,912	2,998	858	1,680	319	202	4,915	972
Mtwara	8,629	1,013	1,511	1,097	397	184	25,623	10,757
Ruvuma	18,683	2,651	-	1,614	233	556	4,475	2,608
Iringa	3,548	989	-	-	-	-	12,414	244
Mbeya	9,075	347	750	215	299	-	20,683	5,720
Singida	12,807	683	486	148	511	644	14,656	1,877
Tabora	29,206	4,971	700	1,480	-	-	6,110	1,395
Rukwa	21,259	4,928	3,254	3,992	1,216	1,446	5,251	1,659
Kigoma	13,395	207	-	2,516	1,165	-	15,980	263
Shinyanga	5,589	263	-	214	-	-	2,270	1,715
Kagera	41,096	1,781	2,122	3,115	983	171	92,193	2,198
Mwanza	58,941	4,032	5,701	7,936	1,538	2,318	74,683	1,161
Mara	22,734	3,965	2,025	1,285	1,444	226	16,452	1,930
Manyara	9,308	-	-	-	-	-	5,188	1,903
Njombe	6,411	623	-	-	-	-	1,287	99
Katavi	7,092	746	308	2,041	203	80	554	83
Simiyu	3,631	244	833	585	-	186	6,626	2,008
Geita	18,001	1,297	944	1,356	259	487	19,827	954
Songwe	30,259	1,708	540	3,208	-	-	28,061	5,693
<b>Mainland Tanzania</b>	<b>541,672</b>	<b>62,104</b>	<b>29,289</b>	<b>44,294</b>	<b>11,153</b>	<b>10,064</b>	<b>503,734</b>	<b>55,899</b>
Kaskazini Unguja	7,187	224	536	1,073	874	2,424	5,463	-
Kusini Unguja	1,203	1,422	956	1,080	420	163	2,899	611
Mjini Magharibi	1,457	96	793	104	-	413	6,247	301
Kaskazini Pemba	13,730	3,241	-	4,293	632	155	9,687	84
Kusini Pemba	10,115	455	1,025	3,586	5,584	5,633	22,798	-
<b>Tanzania Zanzibar</b>	<b>33,692</b>	<b>5,438</b>	<b>3,310</b>	<b>10,136</b>	<b>7,510</b>	<b>8,788</b>	<b>47,094</b>	<b>996</b>
<b>Tanzania</b>	<b>575,364</b>	<b>67,542</b>	<b>32,599</b>	<b>54,430</b>	<b>18,663</b>	<b>18,852</b>	<b>550,828</b>	<b>56,895</b>

## **CROPS PRODUCTION, IRRIGATION AND MARKET CHALLENGES**

**Table 3.1: Number and Percentage of Agricultural Households Planted Crops by Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Short Rainy Season		Total Households	Long Rainy Season		Total Households
	Households Planted Crops			Households Planted Crops		
	Number	Percent		Number	Percent	
Dodoma	6,728	1.3	510,149	497,447	97.5	510,149
Arusha	70,663	32.0	221,015	154,735	70.0	221,015
Kilimanjaro	171,859	58.4	294,311	203,428	69.1	294,311
Tanga	258,147	73.5	351,412	272,949	77.7	351,412
Morogoro	212,621	51.5	413,216	277,617	67.2	413,216
Pwani	153,827	70.6	217,921	81,383	37.3	217,921
Dar es Salaam	177,341	42.8	414,300	131,680	31.8	414,300
Lindi	3,398	1.5	229,665	216,882	94.4	229,665
Mtwara	2,634	0.9	305,033	286,842	94.0	305,033
Ruvuma	70,577	21.3	332,019	253,504	76.4	332,019
Iringa	63,255	30.2	209,485	177,193	84.6	209,485
Mbeya	127,690	33.5	380,639	295,163	77.5	380,639
Singida	8,138	3.0	272,662	262,299	96.2	272,662
Tabora	84,325	22.8	369,972	299,372	80.9	369,972
Rukwa	14,529	6.7	218,249	207,683	95.2	218,249
Kigoma	65,867	18.9	348,378	320,506	92.0	348,378
Shinyanga	20,215	9.9	204,926	193,307	94.3	204,926
Kagera	387,401	80.2	483,019	288,796	59.8	483,019
Mwanza	359,624	88.6	406,034	168,033	41.4	406,034
Mara	173,560	74.2	233,930	134,433	57.5	233,930
Manyara	128,386	47.2	272,224	145,602	53.5	272,224
Njombe	362	0.2	160,108	151,942	94.9	160,108
Katavi	832	1.1	76,867	70,042	91.1	76,867
Simiyu	34,651	19.2	180,689	154,105	85.3	180,689
Geita	257,177	95.6	269,142	108,598	40.3	269,142
Songwe	35,864	12.7	281,820	247,588	87.9	281,820
Mainland Tanzania	2,889,671	37.7	7,657,185	5,601,129	73.1	7,657,185
Kaskazini Unguja	26,902	85.2	31,593	22,328	70.7	31,593
Kusini Unguja	13,621	77.4	17,593	10,574	60.1	17,593
Mjini Magharibi	28,138	78.4	35,873	24,984	69.6	35,873
Kaskazini Pemba	34,962	85.7	40,782	33,588	82.4	40,782
Kusini Pemba	49,455	90.9	54,379	44,102	81.1	54,379
Tanzania Zanzibar	153,078	84.9	180,220	135,576	75.2	180,220
Tanzania	3,042,749	38.8	7,837,405	5,736,705	73.2	7,837,405

**Table 3.2: Number and Percentage of Agricultural Households and Area Planted by Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Short Rainy Season			Long Rainy Season			Total Planted Area (ha)
	Number of Household	Planted Area		Number of Household	Planted Area		
		Number (ha)	Percent		Number (ha)	Percent	
Dodoma	6,728	7,418	0.6	497,447	1,322,930	99.4	1,330,348
Arusha	70,663	46,493	19.4	154,735	193,126	80.6	239,619
Kilimanjaro	171,859	100,239	41.8	203,428	139,786	58.2	240,025
Tanga	258,147	238,316	47.1	272,949	267,337	52.9	505,653
Morogoro	212,621	220,400	34.9	277,617	411,122	65.1	631,522
Pwani	153,827	118,403	66.7	81,383	59,206	33.3	177,609
Dar es Salaam	177,341	147,407	46.2	131,680	171,585	53.8	318,992
Lindi	3,398	2,002	0.7	216,882	295,487	99.3	297,489
Mtwara	2,634	1,815	0.6	286,842	279,200	99.4	281,015
Ruvuma	70,577	99,194	20.3	253,504	388,537	79.7	487,730
Iringa	63,255	60,853	21.4	177,193	223,982	78.6	284,835
Mbeya	127,690	110,077	25.5	295,163	322,088	74.5	432,165
Singida	8,138	14,113	2.7	262,299	514,698	97.3	528,811
Tabora	84,325	186,572	20.3	299,372	733,985	79.7	920,557
Rukwa	14,529	9,762	2.3	207,683	409,174	97.7	418,936
Kigoma	65,867	26,839	9.1	320,506	266,811	90.9	293,651
Shinyanga	20,215	43,946	8.3	193,307	485,496	91.7	529,442
Kagera	387,401	283,770	66.6	288,796	142,092	33.4	425,862
Mwanza	359,624	470,319	77.5	168,033	136,576	22.5	606,896
Mara	173,560	200,871	62.7	134,433	119,376	37.3	320,246
Manyara	128,386	271,000	49.3	145,602	279,012	50.7	550,012
Njombe	362	322	0.2	151,942	170,072	99.8	170,394
Katavi	832	1,969	1.3	70,042	154,877	98.7	156,847
Simiyu	34,651	92,573	18.9	154,105	398,288	81.1	490,861
Geita	257,177	463,653	86.2	108,598	74,038	13.8	537,691
Songwe	35,864	50,736	11.0	247,588	411,119	89.0	461,855
Mainland Tanzania	2,889,671	3,269,062	28.1	5,601,129	8,370,000	71.9	11,639,063
Kaskazini Unguja	26,902	12,643	59.7	22,328	8,547	40.3	21,190
Kusini Unguja	13,621	5,496	58.2	10,574	3,942	41.8	9,438
Mjini Magharibi	28,138	13,661	55.3	24,984	11,041	44.7	24,702
Kaskazini Pemba	34,962	14,612	52.0	33,588	13,493	48.0	28,105
Kusini Pemba	49,455	20,246	47.5	44,102	22,333	52.5	42,578
Tanzania Zanzibar	153,078	66,658	52.9	135,576	59,356	47.1	126,014
Tanzania	3,042,749	3,335,720	28.4	5,736,705	8,429,356	71.6	11,765,076

**Table 3.3: Number of Agricultural Households by Area Planted and Crop During 2019/20 Agricultural Year, Tanzania**

Crop	Short Rainy Season		Long Rainy Season		Short and Long Rainy Seasons
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)	Total Planted Area (ha)
<b>CEREALS</b>	<b>3,366,226</b>	<b>2,101,238</b>	<b>6,943,653</b>	<b>5,304,969</b>	<b>7,406,208</b>
Maize	2,612,913	1,548,597	4,779,198	3,382,514	4,931,110
Paddy	609,332	468,347	1,348,037	1,219,894	1,688,241
Sorghum	122,780	68,442	552,250	444,447	512,890
Bulrush Millet	6,881	8,049	162,248	142,483	150,531
Finger Millet	11,634	4,470	56,823	26,998	31,467
Wheat	2,686	3,334	44,644	88,325	91,659
Barley	-	-	453	309	309
<b>ROOTS &amp; TUBERS</b>	<b>1,227,673</b>	<b>388,422</b>	<b>1,511,279</b>	<b>485,924</b>	<b>874,346</b>
Cassava	727,322	255,031	727,978	247,622	502,654
Sweet potatoes	368,661	100,057	626,570	189,861	289,917
Irish potatoes	57,929	24,064	99,748	40,364	64,428
Yams	15,243	2,877	13,640	3,838	6,714
Cocoyams	58,518	6,393	43,343	4,239	10,632
<b>PULSES</b>	<b>1,452,887</b>	<b>428,157</b>	<b>2,696,400</b>	<b>998,626</b>	<b>1,426,783</b>
Beans	1,044,896	303,683	1,525,868	519,801	823,484
Cowpeas	137,793	26,011	185,380	40,061	66,072
Green gram	122,627	37,652	125,089	53,359	91,010
Pigeon pea	90,687	37,897	534,265	200,004	237,902
Chick peas	6,718	9,549	75,545	115,781	125,330
Bambaranuts	33,952	6,995	184,116	44,276	51,271
Field peas	10,602	2,323	39,491	11,616	13,938
Fiwi	5,612	4,049	22,655	12,643	16,692
Upupu	-	-	3,991	1,085	1,085
<b>OIL SEEDS &amp; NUTS</b>	<b>470,581</b>	<b>223,539</b>	<b>2,057,784</b>	<b>1,295,046</b>	<b>1,518,585</b>
Sunflower	110,335	70,505	661,521	453,544	524,049
Sesame/Simsim	56,096	41,896	425,019	400,792	442,688
Groundnut	293,995	105,888	931,791	422,484	528,372
Soya beans	10,155	5,250	39,453	18,225	23,476
<b>FRUITS &amp; VEGETABLES</b>	<b>337,180</b>	<b>68,205</b>	<b>458,486</b>	<b>96,969</b>	<b>165,174</b>
Onion	22,691	8,871	52,097	19,465	28,335
Ginger	11,392	2,797	5,068	1,460	4,257
Garlic	470	93	3,307	775	868
Strawberry	130	13	-	-	13
Roselle	-	-	1,696	654	654
Cabbage	8,845	1,732	14,214	2,751	4,484
Spinach	28,916	2,457	30,370	2,891	5,348
Carrot	5,337	1,600	8,932	3,705	5,305
Chilies	9,937	1,925	12,609	1,572	3,497
Amaranths	37,689	3,874	42,845	4,121	7,996

Crop	Short Rainy Season		Long Rainy Season		Short and Long Rainy Seasons
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)	Total Planted Area (ha)
Pumpkins	17,971	2,197	18,324	2,373	4,570
Cucumber	5,716	964	5,421	1,223	2,187
Egg Plant	7,000	820	10,122	1,229	2,049
Water Mellon	16,707	10,054	19,273	8,389	18,444
Cauliflower	964	447	130	53	499
Okra	30,930	5,454	34,966	6,620	12,074
Coriander	-	-	155	78	78
Tomatoes	72,586	19,504	131,733	32,091	51,595
Bitter tomato	12,998	1,845	26,415	4,134	5,979
Sweet/bell pepper	3,554	438	4,335	1,272	1,710
Squash	-	-	1,452	265	265
Sweet potato leaves	33,845	2,077	21,052	913	2,991
Mnavu/Mnafu	3,558	384	4,026	276	660
Figiri/sukuma wiki	2,909	276	5,620	350	626
Brocol	389	79	259	39	118
Pumpkin leaves	2,646	304	3,892	234	537
Majani ya kunde	-	-	173	35	35
<b>CASH CROPS</b>	<b>133,802</b>	<b>125,197</b>	<b>222,373</b>	<b>246,866</b>	<b>372,064</b>
Cotton	120,918	118,135	152,190	195,236	313,371
Seaweed	2,627	414	2,908	477	891
Tobacco	6,760	5,958	55,580	48,567	54,525
Pyrethrum	1,692	317	7,608	2,423	2,740
Jute	-	-	487	30	30
Olive	1,051	240	1,275	40	279
Lemon grass	754	133	2,325	94	227
<b>Other Crops</b>	<b>2,788</b>	<b>962</b>	<b>5,273</b>	<b>958</b>	<b>1,919</b>
<b>TOTAL</b>	<b>6,991,135</b>	<b>3,335,721</b>	<b>13,895,250</b>	<b>8,429,358</b>	<b>11,765,079</b>



**Table 3.4: Number of Agricultural Households by Area Planted and Crop During 2019/20 Agricultural Year, Tanzania Zanzibar**

Crop	Short Rainy Season		Long Rainy Season		Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)	
<b>CEREALS</b>	<b>39,468</b>	<b>10,397</b>	<b>85,314</b>	<b>26,350</b>	<b>36,747</b>
Maize	8,850	1,843	7,187	1,519	3,362
Paddy	29,649	8,444	77,609	24,710	33,154
Sorghum	85	8	433	113	121
Bulrush Millet	884	101	85	8	110
Finger Millet	-	-	-	-	-
Wheat	-	-	-	-	-
Barley	-	-	-	-	-
<b>ROOTS &amp; TUBERS</b>	<b>179,799</b>	<b>44,952</b>	<b>130,890</b>	<b>27,825</b>	<b>72,777</b>
Cassava	147,613	39,643	99,730	22,801	62,444
Sweet potatoes	14,282	3,141	21,674	4,003	7,144
Irish potatoes	-	-	55	11	11
Yams	10,081	1,324	5,035	589	1,913
Cocoyams	7,823	844	4,396	421	1,265
<b>PULSES</b>	<b>17,712</b>	<b>2,804</b>	<b>3,849</b>	<b>468</b>	<b>3,272</b>
Beans	198	57	-	-	57
Cowpeas	10,500	1,744	2,362	278	2,022
Green gram	2,961	434	596	62	496
Pigeon pea	3,711	496	891	128	624
Chick peas	-	-	-	-	-
Bambaranuts	275	65	-	-	65
Field peas	-	-	-	-	-
Fiwi	67	7	-	-	7
Upupu	-	-	-	-	-
<b>OIL SEEDS &amp; NUTS</b>	<b>5,192</b>	<b>979</b>	<b>2,057</b>	<b>251</b>	<b>1,230</b>
Sunflower	-	-	-	-	-
Sesame/Simsim	-	-	-	-	-
Groundnut	5,192	979	2,057	251	1,230
Soyabeans	-	-	-	-	-
<b>FRUITS &amp; VEGETABLES</b>	<b>42,331</b>	<b>7,102</b>	<b>26,984</b>	<b>3,958</b>	<b>11,059</b>
Onion	43	13	-	-	13
Ginger	-	-	-	-	-
Garlic	-	-	-	-	-
Strawberry	-	-	-	-	-
Roselle	-	-	-	-	-
Cabbage	44	2	-	-	2
Spinach	233	26	178	17	44
Carrot	351	10	301	7	17
Chilies	1,040	142	1,718	249	391
Amaranths	6,353	733	4,641	512	1,245

Crop	Short Rainy Season		Long Rainy Season		Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)	
Pumpkins	3,168	438	1,282	237	675
Cucumber	2,559	597	1,407	406	1,003
Egg Plant	4,845	548	3,484	452	1,000
Water mellon	2,800	1,468	1,284	438	1,907
Cauliflower	-	-	-	-	-
Okra	6,284	1,106	2,580	488	1,594
Coriander	-	-	-	-	-
Tomatoes	9,923	1,569	6,665	839	2,408
Bitter tomato	2,528	259	1,892	202	461
Sweet/bell pepper	106	13	78	4	17
Squash	-	-	67	13	13
Sweet potato leaves	2,054	176	1,407	93	269
Mnavu/Mnafu	-	-	-	-	-
Figiri/sukuma wiki	-	-	-	-	-
Brocol	-	-	-	-	-
Pumpkin leaves	-	-	-	-	-
Majani ya kunde	-	-	-	-	-
<b>CASH CROPS</b>	<b>2,410</b>	<b>397</b>	<b>3,170</b>	<b>503</b>	<b>900</b>
Cotton	-	-	-	-	-
Seaweed	2,410	397	2,800	466	863
Tobacco	-	-	-	-	-
Pyrethrum	-	-	-	-	-
Jute	-	-	-	-	-
Olive	-	-	69	7	7
Lemon grass	-	-	301	30	30
<b>Other crops</b>	<b>268</b>	<b>27</b>	<b>-</b>	<b>-</b>	<b>27</b>
<b>TOTAL</b>	<b>287,180</b>	<b>66,658</b>	<b>252,263</b>	<b>59,356</b>	<b>126,014</b>

**Table 3.5: Area Planted, Area Harvested, Quantity Harvested and Yield by Crop During 2019/20 Agricultural Year, Tanzania**

Crop	Short Rainy Season			Long Rainy Season			Short and Long Rainy Seasons		
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Total Planted Area (ha)	Total Harvested Area (ha)	Total Quantity Harvested (tons)
<b>CEREALS</b>	<b>2,101,238</b>	<b>1,897,909</b>	<b>3,157,512</b>	<b>5,304,969</b>	<b>4,620,669</b>	<b>7,604,047</b>	<b>7,406,208</b>	<b>6,518,578</b>	<b>10,761,559</b>
Maize	1,548,597	1,396,191	2,001,082	3,382,514	2,949,074	4,503,642	4,931,110	4,345,265	6,504,725
Paddy	468,347	434,407	1,072,259	1,219,894	1,050,721	2,308,455	1,688,241	1,485,127	3,380,715
Sorghum	68,442	56,060	68,797	444,447	391,507	532,673	512,890	447,567	601,470
Bulrush Millet	8,049	5,556	7,222	142,483	128,758	140,940	150,531	134,314	148,162
Finger Millet	4,470	3,635	4,415	26,998	24,131	28,535	31,467	27,766	32,950
Wheat	3,334	2,062	3,737	88,325	76,212	89,446	91,659	78,274	93,184
Barley	-	-	-	309	265	355	309	265	355
<b>ROOTS &amp; TUBERS</b>	<b>388,422</b>	<b>204,918</b>	<b>1,070,591</b>	<b>485,924</b>	<b>256,139</b>	<b>1,127,874</b>	<b>874,346</b>	<b>461,057</b>	<b>2,198,465</b>
Cassava	255,031	89,655	674,416	247,622	74,060	685,352	502,654	163,715	1,359,768
Sweet potatoes	100,057	87,457	209,882	189,861	147,208	294,421	289,917	234,665	504,302
Irish potatoes	24,064	22,814	177,942	40,364	30,301	141,371	64,428	53,115	319,314
Yams	2,877	1,265	2,252	3,838	2,860	4,021	6,714	4,125	6,272
Cocoyams	6,393	3,727	6,100	4,239	1,709	2,709	10,632	5,437	8,810
<b>PULSES</b>	<b>428,157</b>	<b>338,244</b>	<b>431,864</b>	<b>998,626</b>	<b>687,135</b>	<b>519,793</b>	<b>1,426,783</b>	<b>1,025,378</b>	<b>951,657</b>
Beans	303,683	256,375	337,723	519,801	452,733	321,774	823,484	709,108	659,497
Cowpeas	26,011	22,773	60,628	40,061	31,503	82,254	66,072	54,275	142,882
Green gram	37,652	29,327	16,103	53,359	45,260	15,423	91,010	74,588	31,527
Pigeon pea	37,897	17,576	8,974	200,004	71,937	29,868	237,902	89,513	38,842
Chick peas	9,549	2,942	2,403	115,781	27,590	25,690	125,330	30,532	28,093
Bambaranuts	6,995	5,760	2,382	44,276	40,388	24,974	51,271	46,148	27,356
Field peas	2,323	1,720	3,282	11,616	9,859	13,443	13,938	11,579	16,725
Fiwi	4,049	1,771	371	12,643	6,946	5,957	16,692	8,717	6,328
Upupu	-	-	-	1,085	919	408	1,085	919	408
<b>OIL SEEDS &amp; NUTS</b>	<b>223,539</b>	<b>202,900</b>	<b>244,871</b>	<b>1,295,046</b>	<b>1,176,759</b>	<b>1,028,124</b>	<b>1,518,585</b>	<b>1,379,659</b>	<b>1,272,995</b>
Sunflower	70,505	65,312	81,277	453,544	416,330	421,756	524,049	481,641	503,032
Sesame/Simsim	41,896	36,998	21,783	400,792	355,113	106,805	442,688	392,111	128,588
Groundnut	105,888	96,099	135,081	422,484	388,587	486,583	528,372	484,686	621,665
Soyabbeans	5,250	4,492	6,730	18,225	16,729	12,980	23,476	21,221	19,710
<b>FRUITS &amp; VEGETABLES</b>	<b>68,205</b>	<b>46,916</b>	<b>359,275</b>	<b>96,969</b>	<b>58,374</b>	<b>364,540</b>	<b>165,174</b>	<b>105,291</b>	<b>723,815</b>
Onion	8,871	6,275	24,830	19,465	9,310	39,125	28,335	15,586	63,956
Ginger	2,797	1,497	9,579	1,460	523	1,969	4,257	2,021	11,548
Garlic	93	-	-	775	578	811	868	578	811

Crop	Short Rainy Season			Long Rainy Season			Short and Long Rainy Seasons		
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Total Planted Area (ha)	Total Harvested Area (ha)	Total Quantity Harvested (tons)
Strawberry	13	13	8	-	-	-	13	13	8
Roselle	-	-	-	654	438	359	654	438	359
Cabbage	1,732	1,373	21,096	2,751	1,438	14,060	4,484	2,811	35,156
Spinach	2,457	1,699	10,621	2,891	1,824	4,686	5,348	3,522	15,307
Carrot	1,600	1,394	10,774	3,705	2,432	21,311	5,305	3,826	32,085
Chilies	1,925	1,421	5,013	1,572	672	2,492	3,497	2,093	7,505
Amaranths	3,874	3,321	18,238	4,121	3,374	21,354	7,996	6,695	39,592
Pumpkins	2,197	1,471	10,298	2,373	1,430	9,141	4,570	2,901	19,439
Cucumber	964	793	3,371	1,223	487	2,118	2,187	1,280	5,489
Egg Plant	820	708	5,183	1,229	703	4,558	2,049	1,411	9,741
Water mellon	10,054	3,410	47,103	8,389	5,062	21,366	18,444	8,472	68,469
Cauliflower	447	312	401	53	53	91	499	364	492
Okra	5,454	4,851	30,748	6,620	5,327	13,493	12,074	10,178	44,241
Coriander	-	-	-	78	78	77	78	78	77
Tomatoes	19,504	14,187	139,201	32,091	20,342	189,877	51,595	34,530	329,078
Bitter tomato	1,845	1,416	4,095	4,134	2,694	12,778	5,979	4,110	16,873
Sweet/bell pepper	438	320	901	1,272	362	1,275	1,710	682	2,176
Squash	-	-	-	265	136	119	265	136	119
Sweet potato leaves	2,077	1,665	15,447	913	633	2,953	2,991	2,298	18,400
Mnavu/Mnafu	384	323	894	276	116	201	660	439	1,096
Figiri/sukuma wiki	276	163	711	350	197	175	626	360	886
Brocol	79	53	248	39	26	52	118	79	299
Pumpkin leaves	304	253	514	234	135	85	537	388	599
Majani ya kunde	-	-	-	35	4	14	35	4	14
<b>CASH CROPS</b>	<b>125,197</b>	<b>91,594</b>	<b>131,982</b>	<b>246,866</b>	<b>210,488</b>	<b>264,624</b>	<b>372,064</b>	<b>302,082</b>	<b>396,606</b>
Cotton	118,135	84,944	122,051	195,236	161,589	208,794	313,371	246,533	330,845
Seaweed	414	404	3,296	477	396	2,251	891	800	5,548
Tobacco	5,958	5,932	6,392	48,567	46,862	51,712	54,525	52,795	58,104
Pyrethrum	317	263	190	2,423	1,513	1,508	2,740	1,776	1,698
Jute	-	-	-	30	30	39	30	30	39
Olive	240	16	16	40	21	94	279	37	110
Lemon grass	133	35	36	94	76	226	227	111	262
<b>Other crops</b>	<b>962</b>	<b>749</b>	<b>5,874</b>	<b>958</b>	<b>505</b>	<b>521</b>	<b>1,919</b>	<b>1,255</b>	<b>6,395</b>
<b>TOTAL</b>	<b>3,335,720</b>	<b>2,783,230</b>	<b>5,401,970</b>	<b>8,429,358</b>	<b>7,010,070</b>	<b>10,909,523</b>	<b>11,765,079</b>	<b>9,793,300</b>	<b>16,311,493</b>

**Table 3.6: Area Planted, Area Harvested, Quantity Harvested and Yield by Crop During 2019/20 Agricultural Year, Mainland Tanzania**

Crop	Short Rainy Season			Long Rainy Season			Short and Long Rainy Seasons		
	Planted Area (ha)	Harvested Area (ha)	Quantity harvested (tons)	Planted area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Total Planted Area (ha)	Total Harvested Area (ha)	Total Quantity Harvested (tons)
<b>CEREALS</b>	<b>2,090,841</b>	<b>1,889,672</b>	<b>3,138,000</b>	<b>5,278,619</b>	<b>4,602,090</b>	<b>7,568,957</b>	<b>7,369,461</b>	<b>6,491,762</b>	<b>10,706,957</b>
Maize	1,546,753	1,394,843	1,998,764	3,380,995	2,948,316	4,502,010	4,927,748	4,343,159	6,500,773
Paddy	459,903	427,572	1,055,208	1,195,184	1,033,001	2,275,085	1,655,087	1,460,573	3,330,293
Sorghum	68,433	56,060	68,797	444,335	391,414	532,593	512,768	447,474	601,390
Bulrush Millet	7,948	5,500	7,080	142,474	128,750	140,932	150,422	134,250	148,011
Finger Millet	4,470	3,635	4,415	26,998	24,131	28,535	31,467	27,766	32,950
Wheat	3,334	2,062	3,737	88,325	76,212	89,446	91,659	78,274	93,184
Barley	-	-	-	309	265	355	309	265	355
<b>ROOTS &amp; TUBERS</b>	<b>343,469</b>	<b>169,671</b>	<b>884,581</b>	<b>458,099</b>	<b>250,900</b>	<b>1,090,402</b>	<b>801,568</b>	<b>420,570</b>	<b>1,974,983</b>
Cassava	215,389	57,928	516,867	224,821	70,322	660,816	440,210	128,251	1,177,683
Sweet potatoes	96,915	85,159	183,855	185,858	146,050	282,268	282,773	231,209	466,122
Irish potatoes	24,064	22,814	177,942	40,353	30,301	141,371	64,417	53,115	319,314
Yams	1,552	604	1,047	3,248	2,614	3,416	4,801	3,218	4,463
Cocoyams	5,549	3,165	4,869	3,818	1,613	2,531	9,367	4,777	7,400
<b>PULSES</b>	<b>425,355</b>	<b>336,262</b>	<b>427,651</b>	<b>998,158</b>	<b>686,999</b>	<b>519,596</b>	<b>1,423,512</b>	<b>1,023,261</b>	<b>947,247</b>
Beans	303,625	256,360	337,698	519,801	452,733	321,774	823,427	709,093	659,473
Cowpeas	24,267	21,485	57,022	39,783	31,474	82,185	64,051	52,959	139,207
Green gram	37,218	28,960	15,958	53,296	45,236	15,414	90,514	74,196	31,372
Pigeon pea	37,401	17,278	8,542	199,876	71,854	29,751	237,277	89,132	38,293
Chick peas	9,549	2,942	2,403	115,781	27,590	25,690	125,330	30,532	28,093
Bambaranuts	6,930	5,754	2,377	44,276	40,388	24,974	51,206	46,141	27,351
Field peas	2,323	1,720	3,282	11,616	9,859	13,443	13,938	11,579	16,725
Fiwi	4,042	1,764	369	12,643	6,946	5,957	16,685	8,710	6,326
Upupu	-	-	-	1,085	919	408	1,085	919	408
<b>OIL SEEDS &amp; NUTS</b>	<b>222,560</b>	<b>202,002</b>	<b>244,296</b>	<b>1,294,795</b>	<b>1,176,640</b>	<b>1,028,009</b>	<b>1,517,355</b>	<b>1,378,642</b>	<b>1,272,305</b>
Sunflower	70,505	65,312	81,277	453,544	416,330	421,756	524,049	481,641	503,032
Sesame/Simsim	41,896	36,998	21,783	400,792	355,113	106,805	442,688	392,111	128,588
Groundnut	104,909	95,201	134,506	422,233	388,468	486,468	527,142	483,669	620,975
Soyabeans	5,250	4,492	6,730	18,225	16,729	12,980	23,476	21,221	19,710
<b>FRUITS &amp; VEGETABLES</b>	<b>61,102</b>	<b>41,527</b>	<b>318,572</b>	<b>93,011</b>	<b>56,571</b>	<b>355,555</b>	<b>154,112</b>	<b>98,098</b>	<b>674,128</b>
Onion	8,858	6,262	24,828	19,465	9,310	39,125	28,323	15,572	63,954
Ginger	2,797	1,497	9,579	1,460	523	1,969	4,257	2,021	11,548
Garlic	93	-	-	775	578	811	868	578	811
Strawberry	13	13	8	-	-	-	13	13	8
Roselle	-	-	-	654	438	359	654	438	359

Crop	Short Rainy Season			Long Rainy Season			Short and Long Rainy Seasons		
	Planted Area (ha)	Harvested Area (ha)	Quantity harvested (tons)	Planted area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Total Planted Area (ha)	Total Harvested Area (ha)	Total Quantity Harvested (tons)
Cabbage	1,730	1,371	21,094	2,751	1,438	14,060	4,481	2,809	35,154
Spinach	2,430	1,678	10,615	2,874	1,812	4,674	5,304	3,490	15,289
Carrot	1,590	1,391	10,729	3,698	2,432	21,311	5,288	3,823	32,040
Chilies	1,782	1,293	3,647	1,323	583	2,207	3,105	1,876	5,854
Amaranth	3,141	2,639	14,989	3,610	3,132	20,219	6,751	5,770	35,208
Pumpkins	1,759	1,152	8,121	2,136	1,290	8,260	3,895	2,442	16,381
Cucumber	367	276	1,725	816	293	1,468	1,183	569	3,193
Egg Plant	272	238	2,145	777	421	2,717	1,049	659	4,862
Water mellon	8,586	2,792	36,981	7,951	4,987	20,591	16,537	7,779	57,573
Cauliflower	447	312	401	53	53	91	499	364	492
Okra	4,348	3,907	20,002	6,132	5,161	13,235	10,480	9,068	33,238
Coriander	-	-	-	78	78	77	78	78	77
Tomatoes	17,934	12,893	131,537	31,253	19,898	186,894	49,187	32,790	318,431
Bitter tomato	1,586	1,221	3,690	3,931	2,601	12,650	5,518	3,822	16,339
Sweet/bell pepper	425	306	807	1,269	358	1,271	1,693	665	2,078
Squash	-	-	-	251	123	105	251	123	105
Sweet potato leaves	1,901	1,494	15,309	820	585	2,932	2,721	2,079	18,241
Mnavu/Mnafu	384	323	894	276	116	201	660	439	1,096
Figiri/sukuma wiki	276	163	711	350	197	175	626	360	886
Brocol	79	53	248	39	26	52	118	79	299
Pumpkin leaves	304	253	514	234	135	85	537	388	599
Majani ya kunde	-	-	-	35	4	14	35	4	14
<b>CASH CROPS</b>	<b>124,800</b>	<b>91,201</b>	<b>128,702</b>	<b>246,363</b>	<b>210,062</b>	<b>262,162</b>	<b>371,163</b>	<b>301,263</b>	<b>390,864</b>
Cotton	118,135	84,944	122,051	195,236	161,589	208,794	313,371	246,533	330,845
Seaweed	17	11	16	11	-	-	28	11	16
Tobacco	5,958	5,932	6,392	48,567	46,862	51,712	54,525	52,795	58,104
Pyrethrum	317	263	190	2,423	1,513	1,508	2,740	1,776	1,698
Jute	-	-	-	30	30	39	30	30	39
Olive	240	16	16	32	21	94	272	37	110
Lemon grass	133	35	36	64	46	16	197	81	51
<b>Other crops</b>	<b>934</b>	<b>722</b>	<b>5,523</b>	<b>958</b>	<b>505</b>	<b>521</b>	<b>1,892</b>	<b>1,227</b>	<b>6,043</b>
<b>TOTAL</b>	<b>3,269,062</b>	<b>2,731,056</b>	<b>5,147,325</b>	<b>8,370,002</b>	<b>6,983,766</b>	<b>10,825,202</b>	<b>11,639,063</b>	<b>9,714,822</b>	<b>15,972,527</b>

**Table 3.7: Area Planted, Area Harvested, Quantity Harvested and Yield by Crop During 2019/20 Agricultural Year, Tanzania Zanzibar**

Crop	Short Rainy Season			Long Rainy Season			Short and Long Rainy Seasons		
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Total Planted Area (ha)	Total Harvested Area (ha)	Total Quantity Harvested (tons)
<b>CEREALS</b>	<b>10,397</b>	<b>8,238</b>	<b>19,512</b>	<b>26,350</b>	<b>18,579</b>	<b>35,091</b>	<b>36,747</b>	<b>26,817</b>	<b>54,602</b>
Maize	1,843	1,347	2,319	1,519	759	1,632	3,362	2,106	3,951
Paddy	8,444	6,835	17,051	24,710	17,720	33,370	33,154	24,555	50,421
Sorghum	8	-	-	113	92	80	121	92	80
Bulrush Millet	101	55	142	8	8	9	110	64	150
Finger Millet	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Barley	-	-	-	-	-	-	-	-	-
<b>ROOTS &amp; TUBERS</b>	<b>44,952</b>	<b>35,247</b>	<b>186,011</b>	<b>27,825</b>	<b>5,240</b>	<b>37,472</b>	<b>72,777</b>	<b>40,486</b>	<b>223,483</b>
Cassava	39,643	31,726	157,549	22,801	3,738	24,536	62,444	35,464	182,084
Sweet potatoes	3,141	2,297	26,027	4,003	1,158	12,153	7,144	3,456	38,180
Irish potatoes	-	-	-	11	-	-	11	-	-
Yams	1,324	661	1,204	589	246	605	1,913	907	1,809
Cocoyams	844	563	1,231	421	97	178	1,265	659	1,409
<b>PULSES</b>	<b>2,804</b>	<b>1,982</b>	<b>4,213</b>	<b>468</b>	<b>136</b>	<b>197</b>	<b>3,272</b>	<b>2,117</b>	<b>4,410</b>
Beans	57	15	24	-	-	-	57	15	24
Cowpeas	1,744	1,287	3,606	278	29	69	2,022	1,316	3,675
Green gram	434	368	145	62	24	10	496	392	155
Pigeon pea	496	298	431	128	82	118	624	380	549
Chick peas	-	-	-	-	-	-	-	-	-
Bambaranuts	65	7	5	-	-	-	65	7	5
Field peas	-	-	-	-	-	-	-	-	-
Fiwi	7	7	2	-	-	-	7	7	2
Upupu	-	-	-	-	-	-	-	-	-
<b>OIL SEEDS &amp; NUTS</b>	<b>979</b>	<b>898</b>	<b>575</b>	<b>251</b>	<b>119</b>	<b>115</b>	<b>1,230</b>	<b>1,016</b>	<b>690</b>
Sunflower	-	-	-	-	-	-	-	-	-
Sesame/Simsim	-	-	-	-	-	-	-	-	-
Groundnut	979	898	575	251	119	115	1,230	1,016	690
Soyabeans	-	-	-	-	-	-	-	-	-
<b>FRUITS &amp; VEGETABLES</b>	<b>7,102</b>	<b>5,389</b>	<b>40,702</b>	<b>3,958</b>	<b>1,802</b>	<b>8,985</b>	<b>11,059</b>	<b>7,191</b>	<b>49,687</b>
Onion	13	13	2	-	-	-	13	13	2
Ginger	-	-	-	-	-	-	-	-	-
Garlic	-	-	-	-	-	-	-	-	-
Strawberry	-	-	-	-	-	-	-	-	-
Roselle	-	-	-	-	-	-	-	-	-

Crop	Short Rainy Season			Long Rainy Season			Short and Long Rainy Seasons		
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Total Planted Area (ha)	Total Harvested Area (ha)	Total Quantity Harvested (tons)
Cabbage	2	2	2	-	-	-	2	2	2
Spinach	26	20	7	17	12	11	44	32	18
Carrot	10	2	45	7	-	-	17	2	45
Chilies	142	128	1,366	249	89	285	391	217	1,651
Amaranth	733	682	3,249	512	242	1,135	1,245	925	4,384
Pumpkins	438	319	2,177	237	140	881	675	459	3,057
Cucumber	597	517	1,646	406	194	650	1,003	711	2,296
Egg Plant	548	470	3,038	452	281	1,841	1,000	752	4,879
Water mellon	1,468	619	10,122	438	74	775	1,907	694	10,897
Cauliflower	-	-	-	-	-	-	-	-	-
Okra	1,106	943	10,746	488	167	258	1,594	1,110	11,004
Coriander	-	-	-	-	-	-	-	-	-
Tomatoes	1,569	1,294	7,665	839	444	2,983	2,408	1,739	10,647
Bitter tomato	259	194	406	202	93	128	461	287	533
Sweet/bell pepper	13	13	94	4	4	4	17	17	98
Squash	-	-	-	13	13	13	13	13	13
Sweet potato leaves	176	170	138	93	49	21	269	219	159
Mnavu/Mnafu	-	-	-	-	-	-	-	-	-
Figiri/sukuma wiki	-	-	-	-	-	-	-	-	-
Brocol	-	-	-	-	-	-	-	-	-
Pumpkin leaves	-	-	-	-	-	-	-	-	-
Majani ya kunde	-	-	-	-	-	-	-	-	-
<b>CASH CROPS</b>	<b>397</b>	<b>393</b>	<b>3,280</b>	<b>503</b>	<b>427</b>	<b>2,462</b>	<b>900</b>	<b>820</b>	<b>5,742</b>
Cotton	-	-	-	-	-	-	-	-	-
Seaweed	397	393	3,280	466	396	2,251	863	789	5,532
Tobacco	-	-	-	-	-	-	-	-	-
Pyrethrum	-	-	-	-	-	-	-	-	-
Jute	-	-	-	-	-	-	-	-	-
Olive	-	-	-	7	-	-	7	-	-
Lemon grass	-	-	-	30	30	211	30	30	211
<b>Other crops</b>	<b>27</b>	<b>27</b>	<b>352</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>27</b>	<b>27</b>	<b>352</b>
<b>TOTAL</b>	<b>66,658</b>	<b>52,173</b>	<b>254,645</b>	<b>59,355</b>	<b>26,301</b>	<b>84,321</b>	<b>126,013</b>	<b>78,474</b>	<b>338,966</b>



**Table 3.8: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>2,101,238</b>	<b>70,450</b>	<b>2,030,788</b>	<b>3.4</b>
Maize	1,548,597	37,085	1,511,512	2.4
Paddy	468,347	33,365	434,982	7.1
Sorghum	68,442	-	68,442	-
Bulrush Millet	8,049	-	8,049	-
Finger Millet	4,470	-	4,470	-
Wheat	3,334	-	3,334	-
Barley	-	-	-	-
<b>ROOTS &amp; TUBERS</b>	<b>388,422</b>	<b>2,343</b>	<b>386,079</b>	<b>0.6</b>
Cassava	255,031	439	254,592	0.2
Sweet potatoes	100,057	328	99,728	0.3
Irish potatoes	24,064	1,410	22,655	5.9
Yams	2,877	20	2,857	0.7
Cocoyams	6,393	147	6,246	2.3
<b>PULSES</b>	<b>428,157</b>	<b>21,302</b>	<b>406,856</b>	<b>5.0</b>
Beans	303,683	20,540	283,143	6.8
Cowpeas	26,011	546	25,466	2.1
Green gram	37,652	65	37,586	0.2
Pigeon pea	37,897	3	37,894	0.0
Chick peas	9,549	-	9,549	-
Bambaranuts	6,995	65	6,930	0.9
Field peas	2,323	83	2,239	3.6
Fiwi	4,049	-	4,049	-
Upupu	-	-	-	-
<b>OIL SEEDS &amp; NUTS</b>	<b>223,539</b>	<b>157</b>	<b>223,382</b>	<b>0.1</b>
Sunflower	70,505	70	70,435	0.1
Sesame/Simsim	41,896	-	41,896	-
Groundnut	105,888	87	105,801	0.1
Soyabeans	5,250	-	5,250	-
<b>FRUITS &amp; VEGETABLES</b>	<b>68,205</b>	<b>50,259</b>	<b>17,946</b>	<b>73.7</b>
Onion	8,871	7,124	1,747	80.3
Ginger	2,797	2,152	645	76.9
Garlic	93	93	-	100.0
Strawberry	13	13	-	100.0
Roselle	-	-	-	-
Cabbage	1,732	1,172	561	67.6
Spinach	2,457	1,809	648	73.6
Carrot	1,600	103	1,496	6.5
Chilies	1,925	1,134	791	58.9
Amaranth	3,874	3,369	505	87.0
Pumpkins	2,197	535	1,662	24.4
Cucumber	964	878	86	91.1
Egg Plant	820	663	157	80.9
Water mellon	10,054	8,549	1,505	85.0
Cauliflower	447	26	420	5.9

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
Okra	5,454	2,930	2,523	53.7
Coriander	-	-	-	-
Tomatoes	19,504	15,690	3,814	80.4
Bitter tomato	1,845	1,120	725	60.7
Sweet/bell pepper	438	422	16	96.3
Squash	-	-	-	-
Sweet potato leaves	2,077	1,779	298	85.6
Mnavu/Mnafu	384	196	188	51.1
Figiri/sukuma wiki	276	222	54	80.5
Brocol	79	79	-	100.0
Pumpkin leaves	304	200	104	65.7
Majani ya kunde	-	-	-	-
<b>CASH CROPS</b>	<b>125,197</b>	<b>149</b>	<b>125,049</b>	<b>0.1</b>
Cotton	118,135	-	118,135	-
Seaweed	414	-	414	-
Tobacco	5,958	143	5,815	2.4
Pyrethrum	317	-	317	-
Jute	-	-	-	-
Olive	240	-	240	-
Lemon grass	133	6	127	4.3
<b>Other crops</b>	<b>962</b>	<b>123</b>	<b>839</b>	<b>12.8</b>
<b>TOTAL</b>	<b>3,335,720</b>	<b>144,783</b>	<b>3,190,938</b>	<b>4.3</b>

**Cont...Table 3.8: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Mainland Tanzania - SHORT RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>2,090,841</b>	<b>67,762</b>	<b>2,023,079</b>	<b>3.2</b>
Maize	1,546,753	36,471	1,510,282	2.4
Paddy	459,903	31,291	428,612	6.8
Sorghum	68,433	-	68,433	-
Bulrush Millet	7,948	-	7,948	-
Finger Millet	4,470	-	4,470	-
Wheat	3,334	-	3,334	-
Barley	-	-	-	-
<b>ROOTS &amp; TUBERS</b>	<b>343,469</b>	<b>2,087</b>	<b>341,383</b>	<b>0.6</b>
Cassava	215,389	266	215,123	0.1
Sweet potatoes	96,915	279	96,637	0.3
Irish potatoes	24,064	1,410	22,655	5.9
Yams	1,552	-	1,552	-
Cocoyams	5,549	132	5,416	2.4
<b>PULSES</b>	<b>425,355</b>	<b>21,120</b>	<b>404,234</b>	<b>5.0</b>
Beans	303,625	20,540	283,085	6.8
Cowpeas	24,267	432	23,835	1.8
Green gram	37,218	65	37,153	0.2
Pigeon pea	37,401	-	37,401	-
Chick peas	9,549	-	9,549	-
Bambaranuts	6,930	-	6,930	-
Field peas	2,323	83	2,239	3.6
Fiwi	4,042	-	4,042	-
Upupu	-	-	-	-
<b>OIL SEEDS &amp; NUTS</b>	<b>222,560</b>	<b>72</b>	<b>222,488</b>	<b>0.0</b>
Sunflower	70,505	70	70,435	0.1
Sesame/Simsim	41,896	-	41,896	-
Groundnut	104,909	2	104,908	0.0
Soyabeans	5,250	-	5,250	-
<b>FRUITS &amp; VEGETABLES</b>	<b>61,102</b>	<b>44,408</b>	<b>16,695</b>	<b>72.7</b>
Onion	8,858	7,110	1,747	80.3
Ginger	2,797	2,152	645	76.9
Garlic	93	93	-	100.0
Strawberry	13	13	-	100.0
Roselle	-	-	-	-
Cabbage	1,730	1,170	561	67.6
Spinach	2,430	1,783	648	73.4
Carrot	1,590	96	1,494	6.0
Chilies	1,782	1,020	762	57.2
Amaranths	3,141	2,658	483	84.6
Pumpkins	1,759	368	1,391	20.9
Cucumber	367	350	17	95.4
Egg Plant	272	199	73	73.3
Water mellon	8,586	7,081	1,505	82.5
Cauliflower	447	26	420	5.9

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
Okra	4,348	1,996	2,352	45.9
Coriander	-	-	-	-
Tomatoes	17,934	14,592	3,342	81.4
Bitter tomato	1,586	967	619	61.0
Sweet/bell pepper	425	411	13	96.9
Squash	-	-	-	-
Sweet potato leaves	1,901	1,625	276	85.5
Mnavu/Mnafu	384	196	188	51.1
Figiri/sukuma wiki	276	222	54	80.5
Brocol	79	79	-	100.0
Pumpkin leaves	304	200	104	65.7
Majani ya kunde	-	-	-	-
<b>CASH CROPS</b>	<b>124,800</b>	<b>149</b>	<b>124,651</b>	<b>0.1</b>
Cotton	118,135	-	118,135	-
Seaweed	17	-	17	-
Tobacco	5,958	143	5,815	2.4
Pyrethrum	317	-	317	-
Jute	-	-	-	-
Olive	240	-	240	-
Lemon grass	133	6	127	4.3
<b>Other Crops</b>	<b>934</b>	<b>119</b>	<b>816</b>	<b>12.7</b>
<b>TOTAL</b>	<b>3,269,062</b>	<b>135,716</b>	<b>3,133,347</b>	<b>4.2</b>

**Cont...Table 3.8: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania Zanzibar - SHORT RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>10,397</b>	<b>2,688</b>	<b>7,709</b>	<b>25.8</b>
Maize	1,843	614	1,230	33.3
Paddy	8,444	2,074	6,370	24.6
Sorghum	8	-	8	-
Bulrush Millet	101	-	101	-
<b>ROOTS &amp; TUBERS</b>	<b>44,952</b>	<b>257</b>	<b>44,696</b>	<b>0.6</b>
Cassava	39,643	173	39,470	0.4
Sweet potatoes	3,141	49	3,092	1.6
Irish potatoes	-	-	-	-
Yams	1,324	20	1,304	1.5
Cocoyams	844	15	830	1.7
<b>PULSES</b>	<b>2,804</b>	<b>182</b>	<b>2,622</b>	<b>6.5</b>
Beans	57	-	57	-
Cowpeas	1,744	114	1,631	6.5
Green gram	434	-	434	-
Pigeon pea	496	3	493	0.7
Bambaranuts	65	65	-	100.0
Fiwi	7	-	7	-
<b>OIL SEEDS &amp; NUTS</b>	<b>979</b>	<b>85</b>	<b>894</b>	<b>8.7</b>
Groundnut	979	85	894	8.7
<b>FRUITS &amp; VEGETABLES</b>	<b>7,102</b>	<b>5,851</b>	<b>1,251</b>	<b>82.4</b>
Onion	13	13	-	100.0
Cabbage	2	2	-	100.0
Spinach	26	26	-	100.0
Carrot	10	7	2	75.0
Chilies	142	114	29	79.8
Amaranths	733	711	22	97.0
Pumpkins	438	168	270	38.2
Cucumber	597	528	69	88.5
Egg Plant	548	464	84	84.6
Water mellon	1,468	1,468	-	100.0
Okra	1,106	935	171	84.6
Tomatoes	1,569	1,097	472	69.9
Bitter tomato	259	153	106	59.1
Sweet/bell pepper	13	11	3	81.3
Squash	-	-	-	-
Sweet potato leaves	176	154	22	87.6
<b>CASH CROPS</b>	<b>397</b>	<b>-</b>	<b>397</b>	<b>-</b>
Seaweed	397	-	397	-
Olive	-	-	-	-
Lemon grass	-	-	-	-
<b>Other Crops</b>	<b>27</b>	<b>4</b>	<b>23</b>	<b>16.4</b>
<b>TOTAL</b>	<b>66,658</b>	<b>9,068</b>	<b>57,591</b>	<b>13.6</b>

**Table 3.9: Number of Agricultural Households by Source of Water for Irrigation by Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Source of Water for Irrigation							
	River	Lake	Dam	Well	Borehole	Canal	Tap Water	Other
Dodoma	6,617	-	-	589	589	5,245	-	-
Arusha	5,909	-	-	186	-	13,058	963	-
Kilimanjaro	20,121	-	-	1,053	-	19,046	1,737	-
Tanga	9,407	490	438	6,274	-	15,678	309	-
Morogoro	4,387	-	1,509	1,511	-	1,727	-	1,037
Pwani	1,734	-	720	2,854	866	-	2,077	132
Dar es Salaam	30,242	-	4,149	19,849	9,530	1,181	22,379	-
Lindi	777	-	-	2,170	-	699	105	-
Mtwara	774	-	193	80	-	-	-	-
Ruvuma	7,531	-	-	-	-	3,562	842	-
Iringa	23,183	-	-	7,861	-	6,002	235	-
Mbeya	7,794	802	268	477	-	10,017	1,663	-
Singida	-	-	-	-	-	-	1,427	-
Tabora	1,869	-	14,000	5,397	-	749	313	-
Rukwa	3,118	-	-	593	-	642	371	-
Kigoma	2,642	-	-	-	-	-	-	-
Shinyanga	-	-	339	555	-	-	-	-
Kagera	4,841	409	2,973	2,168	-	686	822	1,334
Mwanza	2,943	488	1,517	1,812	-	279	1,064	-
Mara	466	-	159	53	-	-	254	-
Manyara	2,971	-	681	157	-	1,686	1,046	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	124	-	-	-	-	-
Simiyu	1,186	-	139	-	-	-	-	-
Geita	1,769	487	3,411	2,155	226	250	-	-
Songwe	3,595	-	445	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>143,876</b>	<b>2,676</b>	<b>31,065</b>	<b>55,794</b>	<b>11,211</b>	<b>80,507</b>	<b>35,607</b>	<b>2,503</b>
Kaskazini Unguja	3,215	-	745	2,621	52	1,096	1,165	-
Kusini Unguja	752	451	-	5,081	638	1,082	660	-
Mjini Magharibi	4,890	50	-	7,237	5,196	1,128	301	261
Kaskazini Pemba	1,417	130	211	432	-	175	122	-
Kusini Pemba	4,498	299	120	1,762	445	659	803	171
<b>Tanzania Zanzibar</b>	<b>14,772</b>	<b>930</b>	<b>1,076</b>	<b>17,133</b>	<b>6,331</b>	<b>4,140</b>	<b>3,051</b>	<b>432</b>
<b>Tanzania</b>	<b>158,648</b>	<b>3,606</b>	<b>32,141</b>	<b>72,927</b>	<b>17,542</b>	<b>84,647</b>	<b>38,658</b>	<b>2,935</b>

**Table 3.10: Number of Agricultural Households by Method Used to Obtain Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Method of Irrigation					
	Gravity	Bucket	Hand/leg pump	Water Pump	Drip Irrigation	Other
Dodoma	7,199	4,550	-	736	-	555
Arusha	16,781	151	1,397	557	834	396
Kilimanjaro	32,787	2,808	139	3,093	261	2,868
Tanga	12,708	16,371	288	2,621	172	434
Morogoro	4,672	2,901	164	1,915	520	-
Pwani	104	5,783	255	2,240	-	-
Dar es Salaam	5,191	61,119	-	20,059	-	962
Lindi	699	1,425	-	-	-	1,627
Mtwara	-	1,048	-	-	-	-
Ruvuma	6,127	3,949	169	999	-	691
Iringa	12,247	17,830	-	6,206	-	999
Mbeya	14,448	2,365	237	2,837	-	1,136
Singida	-	-	-	-	1,427	-
Tabora	3,550	16,339	627	1,371	-	442
Rukwa	3,496	720	-	136	-	371
Kigoma	-	2,642	-	-	-	-
Shinyanga	-	894	-	-	-	-
Kagera	515	10,900	551	996	-	272
Mwanza	860	6,604	165	474	-	-
Mara	-	543	178	53	-	159
Manyara	3,021	3,207	-	313	-	-
Njombe	-	-	-	-	-	-
Katavi	-	-	-	-	124	-
Simiyu	-	139	-	1,186	-	-
Geita	-	7,050	-	1,248	-	-
Songwe	571	1,246	-	2,223	-	-
<b>Mainland Tanzania</b>	<b>124,976</b>	<b>170,584</b>	<b>4,170</b>	<b>49,263</b>	<b>3,338</b>	<b>10,912</b>
Kaskazini Unguja	536	5,171	55	1,942	437	753
Kusini Unguja	901	4,869	-	2,271	388	236
Mjini Magharibi	4,551	6,249	-	8,018	-	244
Kaskazini Pemba	681	1,217	272	317	-	-
Kusini Pemba	1,977	5,751	157	872	-	-
<b>Tanzania Zanzibar</b>	<b>8,646</b>	<b>23,257</b>	<b>484</b>	<b>13,420</b>	<b>825</b>	<b>1,233</b>
<b>Tanzania</b>	<b>133,622</b>	<b>193,841</b>	<b>4,654</b>	<b>62,683</b>	<b>4,163</b>	<b>12,145</b>

**Table 3.11: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>5,304,969</b>	<b>71,666</b>	<b>5,233,303</b>	<b>1.4</b>
Maize	3,382,514	17,889	3,364,625	0.5
Paddy	1,219,894	53,777	1,166,117	4.4
Sorghum	444,447	-	444,447	-
Bulrush Millet	142,483	-	142,483	-
Finger Millet	26,998	-	26,998	-
Wheat	88,325	-	88,325	-
Barley	309	-	309	-
<b>ROOTS &amp; TUBERS</b>	<b>485,924</b>	<b>4,621</b>	<b>481,302</b>	<b>1.0</b>
Cassava	247,622	340	247,282	0.1
Sweet potatoes	189,861	1,072	188,789	0.6
Irish potatoes	40,364	3,085	37,278	7.6
Yams	3,838	72	3,766	1.9
Cocoyams	4,239	52	4,187	1.2
<b>PULSES</b>	<b>998,626</b>	<b>10,054</b>	<b>987,488</b>	<b>1.0</b>
Beans	519,801	8,898	510,904	1.7
Cowpeas	40,061	251	39,810	0.6
Green gram	53,359	-	53,359	-
Pigeon pea	200,004	-	200,004	-
Chick peas	115,781	297	115,484	0.3
Bambaranuts	44,276	92	44,184	0.2
Field peas	11,616	439	11,177	3.8
Fiwi	12,643	77	12,566	0.6
Upupu	1,085	-	1,085	-
<b>OIL SEEDS &amp; NUTS</b>	<b>1,295,046</b>	<b>273</b>	<b>1,294,774</b>	<b>0.0</b>
Sunflower	453,544	-	453,544	-
Sesame/Simsim	400,792	140	400,653	0.0
Groundnut	422,484	133	422,351	0.0
Soyabeans	18,225	-	18,225	-
<b>FRUITS &amp; VEGETABLES</b>	<b>96,969</b>	<b>55,755</b>	<b>41,214</b>	<b>57.5</b>
Onion	19,465	11,297	8,168	58.0
Ginger	1,460	480	980	32.9
Garlic	775	363	412	46.9
Strawberry	-	-	-	-
Roselle	654	-	654	-
Cabbage	2,751	2,176	575	79.1
Spinach	2,891	2,356	535	81.5
Carrot	3,705	145	3,561	3.9
Chilies	1,572	1,085	487	69.0
Amaranths	4,121	2,657	1,464	64.5
Pumpkins	2,373	261	2,112	11.0
Cucumber	1,223	862	361	70.5
Egg Plant	1,229	796	434	64.7
Water mellon	8,389	5,962	2,427	71.1
Cauliflower	53	53	-	100.0



Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
Okra	6,620	1,764	4,856	26.7
Coriander	78	-	78	-
Tomatoes	32,091	20,193	11,899	62.9
Bitter tomato	4,134	3,091	1,043	74.8
Sweet/bell pepper	1,272	980	292	77.0
Squash	265	6	258	2.4
Sweet potato leaves	913	615	299	67.3
Mnavu/Mnafu	276	173	103	62.7
Figiri/sukuma wiki	350	292	57	83.6
Brocol	39	39	-	100.0
Pumpkin leaves	234	109	125	46.7
Majani ya kunde	35	-	35	-
<b>CASH CROPS</b>	<b>246,866</b>	<b>2,163</b>	<b>244,703</b>	<b>0.9</b>
Cotton	195,236	412	194,824	0.2
Seaweed	477	-	477	-
Tobacco	48,567	1,675	46,891	3.4
Pyrethrum	2,423	-	2,423	-
Jute	30	-	30	-
Olive	40	-	40	-
Lemon grass	94	75	19	79.8
<b>Other crops</b>	<b>958</b>	<b>72</b>	<b>886</b>	<b>7.5</b>
<b>TOTAL</b>	<b>8,429,358</b>	<b>144,603</b>	<b>8,284,755</b>	<b>1.7</b>

**Cont...Table 3.11: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Mainland Tanzania - LONG RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>5,278,619</b>	<b>66,883</b>	<b>5,211,737</b>	<b>5</b>
Maize	3,380,995	17,803	3,363,192	0.5
Paddy	1,195,184	49,079	1,146,104	4.1
Sorghum	444,335	-	444,335	-
Bulrush Millet	142,474	-	142,474	-
Finger Millet	26,998	-	26,998	-
Wheat	88,325	-	88,325	-
Barley	309	-	309	-
<b>ROOTS &amp; TUBERS</b>	<b>458,099</b>	<b>4,395</b>	<b>453,705</b>	<b>1.0</b>
Cassava	224,821	225	224,596	0.1
Sweet potatoes	185,858	990	184,868	0.5
Irish potatoes	40,353	3,085	37,268	7.6
Yams	3,248	65	3,184	2.0
Cocoyams	3,818	28	3,790	0.7
<b>PULSES</b>	<b>998,158</b>	<b>10,019</b>	<b>988,139</b>	<b>1.0</b>
Beans	519,801	8,898	510,904	1.7
Cowpeas	39,783	216	39,567	0.5
Green gram	53,296	-	53,296	-
Pigeon pea	199,876	-	199,876	-
Chick peas	115,781	297	115,484	0.3
Bambaranuts	44,276	92	44,184	0.2
Field peas	11,616	439	11,177	3.8
Fiwi	12,643	77	12,566	0.6
Upupu	1,085	-	1,085	-
<b>OIL SEEDS &amp; NUTS</b>	<b>1,294,795</b>	<b>242</b>	<b>1,294,554</b>	<b>0.0</b>
Sunflower	453,544	-	453,544	-
Sesame/Simsim	400,792	140	400,653	0.0
Groundnut	422,233	102	422,132	0.0
Soyabeans	18,225	-	18,225	-
<b>FRUITS &amp; VEGETABLES</b>	<b>93,011</b>	<b>53,441</b>	<b>39,570</b>	<b>57.5</b>
Onion	19,465	11,297	8,168	58.0
Ginger	1,460	480	980	32.9
Garlic	775	363	412	46.9
Strawberry	-	-	-	-
Roselle	654	-	654	-
Cabbage	2,751	2,176	575	79.1
Spinach	2,874	2,344	529	81.6
Carrot	3,698	138	3,561	3.7
Chilies	1,323	849	473	64.2
Amaranth	3,610	2,260	1,350	62.6
Pumpkins	2,136	223	1,913	10.4
Cucumber	816	668	149	81.8
Egg Plant	777	538	239	69.2
Water mellon	7,951	5,565	2,386	70.0
Cauliflower	53	53	-	100.0

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
Okra	6,132	1,575	4,557	25.7
Coriander	78	-	78	-
Tomatoes	31,253	19,730	11,522	63.1
Bitter tomato	3,931	2,987	944	76.0
Sweet/bell pepper	1,269	977	292	77.0
Squash	251	6	245	2.6
Sweet potato leaves	820	598	223	72.9
Mnavu/Mnafu	276	173	103	62.7
Figiri/sukuma wiki	350	292	57	83.6
Brocol	39	39	-	100.0
Pumpkin leaves	234	109	125	46.7
Majani ya kunde	35	-	35	-
<b>CASH CROPS</b>	<b>246,363</b>	<b>2,132</b>	<b>244,230</b>	<b>0.9</b>
Cotton	195,236	412	194,824	0.2
Seaweed	11	-	11	-
Tobacco	48,567	1,675	46,891	3.4
Pyrethrum	2,423	-	2,423	-
Jute	30	-	30	-
Olive	32	-	32	-
Lemon grass	64	45	19	69.6
<b>Other crops</b>	<b>958</b>	<b>72</b>	<b>886</b>	<b>7.5</b>
<b>TOTAL</b>	<b>8,370,002</b>	<b>137,183</b>	<b>8,232,821</b>	<b>1.6</b>

**Cont...Table 3.11: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania  
Zanzibar - LONG RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>26,350</b>	<b>4,783</b>	<b>21,567</b>	<b>18.2</b>
Maize	1,519	86	1,433	5.6
Paddy	24,710	4,698	20,013	19.0
Sorghum	113	-	113	-
Bulrush Millet	8	-	8	-
<b>ROOTS &amp; TUBERS</b>	<b>27,825</b>	<b>227</b>	<b>27,598</b>	<b>0.8</b>
Cassava	22,801	115	22,686	0.5
Sweet potatoes	4,003	82	3,921	2.0
Irish potatoes	11	-	11	-
Yams	589	6	582	1.1
Cocoyams	421	24	397	5.7
<b>PULSES</b>	<b>468</b>	<b>35</b>	<b>433</b>	<b>7.4</b>
Beans	-	-	-	-
Cowpeas	278	35	243	12.5
Green gram	62	-	62	-
Pigeon pea	128	-	128	-
Bambaranuts	-	-	-	-
Fiwi	-	-	-	-
<b>OIL SEEDS &amp; NUTS</b>	<b>251</b>	<b>32</b>	<b>220</b>	<b>12.6</b>
Groundnut	251	32	220	12.6
<b>FRUITS &amp; VEGETABLES</b>	<b>3,958</b>	<b>2,314</b>	<b>1,643</b>	<b>58.5</b>
Onion	-	-	-	-
Cabbage	-	-	-	-
Spinach	17	12	6	67.4
Carrot	7	7	-	100.0
Chilies	249	236	13	94.6
Amaranths	512	398	114	77.7
Pumpkins	237	38	199	16.2
Cucumber	406	194	212	47.8
Egg Plant	452	257	195	56.9
Water mellon	438	397	41	90.6
Okra	488	189	299	38.7
Tomatoes	839	462	377	55.1
Bitter tomato	202	103	99	51.0
Sweet/bell pepper	4	4	-	100.0
Squash	13	-	13	-
Sweet potato leaves	93	17	76	17.9
<b>CASH CROPS</b>	<b>503</b>	<b>30</b>	<b>473</b>	<b>6.0</b>
Seaweed	466	-	466	-
Olive	7	-	7	-
Lemon grass	30	30	-	100.0
<b>Other crops</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TOTAL</b>	<b>59,355</b>	<b>7,421</b>	<b>51,934</b>	<b>12.5</b>

**Table 3.12: Number of Agricultural Households by Source of Water for Irrigation by Region During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON**

Region	Source of Water for Irrigation							
	River	Lake	Dam	Well	Borehole	Canal	Tap Water	Others
Dodoma	11,445	-	2,195	5,650	3,594	9,453	-	-
Arusha	4,407	-	-	1,378	-	14,709	848	-
Kilimanjaro	4,784	-	-	1,823	280	12,079	522	-
Tanga	4,023	571	593	6,261	-	10,831	367	-
Morogoro	11,202	-	845	1,795	372	2,699	2,244	344
Pwani	840	-	2,075	1,702	718	2,030	635	-
Dar es Salaam	6,352	-	6,351	6,399	5,206	973	8,091	-
Lindi	2,319	-	549	7,337	-	699	105	-
Mtwara	5,612	-	1,482	3,410	69	1,062	245	-
Ruvuma	11,553	-	400	2,268	638	2,363	-	185
Iringa	35,687	-	1,037	7,897	845	12,878	291	552
Mbeya	17,219	-	-	3,644	-	19,554	1,894	307
Singida	1,155	-	-	2,586	-	232	1,574	250
Tabora	598	-	6,702	6,737	742	250	-	-
Rukwa	3,511	-	183	1,376	-	1,875	-	-
Kigoma	16,262	-	736	1,595	-	2,792	1,346	1,007
Shinyanga	1,886	-	6,934	2,532	-	-	568	-
Kagera	6,814	-	2,798	1,157	-	269	1,217	2,976
Mwanza	5,889	1,927	4,597	6,366	340	1,789	621	511
Mara	1,018	-	-	313	-	-	-	-
Manyara	2,067	-	262	897	-	3,768	1,973	-
Njombe	4,986	-	269	705	-	2,549	196	-
Katavi	235	-	-	78	-	422	-	-
Simiyu	2,559	312	148	914	789	-	149	-
Geita	725	542	9,952	6,044	311	277	244	602
Songwe	7,282	-	240	-	-	1,425	215	933
<b>Mainland Tanzania</b>	<b>170,430</b>	<b>3,352</b>	<b>48,348</b>	<b>80,864</b>	<b>13,904</b>	<b>104,978</b>	<b>23,345</b>	<b>7,667</b>
Kaskazini Unguja	1,646	-	511	1,019	-	403	627	-
Kusini Unguja	336	30	-	1,665	378	194	408	-
Mjini Magharibi	2,193	50	47	2,312	4,252	397	-	49
Kaskazini Pemba	863	78	106	305	-	353	207	-
Kusini Pemba	12,442	166	-	1,218	369	297	1,910	-
<b>Tanzania Zanzibar</b>	<b>17,480</b>	<b>324</b>	<b>664</b>	<b>6,519</b>	<b>4,999</b>	<b>1,644</b>	<b>3,152</b>	<b>49</b>
<b>Tanzania</b>	<b>187,910</b>	<b>3,676</b>	<b>49,012</b>	<b>87,383</b>	<b>18,903</b>	<b>106,622</b>	<b>26,497</b>	<b>7,716</b>

**Table 3.13: Number of Agricultural Households by Method Used to Obtain Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON**

Region	Method of Irrigation					
	Gravity	Bucket	Hand/Leg Pump	Motor Water Pump	Drip Irrigation	Other
Dodoma	13,613	12,246	1,438	4,485	-	555
Arusha	17,511	927	176	1,219	553	954
Kilimanjaro	15,551	119	280	1,898	261	1,379
Tanga	8,734	12,203	156	491	-	1,062
Morogoro	6,181	5,461	222	7,379	-	259
Pwani	264	6,567	-	959	-	208
Dar es Salaam	3,019	25,329	-	5,025	-	-
Lindi	1,247	6,421	-	1,412	-	1,928
Mtwara	296	10,992	-	593	-	-
Ruvuma	8,514	6,808	296	202	433	1,154
Iringa	22,945	23,801	-	12,316	126	-
Mbeya	30,684	9,077	-	2,857	-	-
Singida	532	3,610	-	227	1,427	-
Tabora	669	13,434	470	455	-	-
Rukwa	2,674	2,540	-	1,731	-	-
Kigoma	3,398	17,984	-	1,619	-	736
Shinyanga	391	10,820	185	522	-	-
Kagera	132	12,417	958	1,723	-	-
Mwanza	764	20,475	-	800	-	-
Mara	178	975	178	-	-	-
Manyara	4,529	3,762	-	262	414	-
Njombe	1,235	3,665	-	772	1,041	1,994
Katavi	657	78	-	-	-	-
Simiyu	150	2,647	296	1,778	-	-
Geita	-	16,234	1,163	1,300	-	-
Songwe	1,764	6,716	-	434	249	933
<b>Mainland Tanzania</b>	<b>145,632</b>	<b>235,308</b>	<b>5,818</b>	<b>50,459</b>	<b>4,504</b>	<b>11,162</b>
Kaskazini Unguja	318	3,080	-	568	-	239
Kusini Unguja	490	1,560	-	791	99	69
Mjini Magharibi	3,268	2,883	-	3,018	-	131
Kaskazini Pemba	755	873	186	97	-	-
Kusini Pemba	10,288	4,974	-	666	-	475
<b>Tanzania Zanzibar</b>	<b>15,119</b>	<b>13,370</b>	<b>186</b>	<b>5,140</b>	<b>99</b>	<b>914</b>
<b>Tanzania</b>	<b>160,751</b>	<b>248,678</b>	<b>6,004</b>	<b>55,599</b>	<b>4,603</b>	<b>12,076</b>

**Table 3.14: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>7,406,208</b>	<b>142,116</b>	<b>7,264,091</b>	<b>1.9</b>
Maize	4,931,110	54,974	4,876,136	1.1
Paddy	1,688,241	87,142	1,601,099	5.2
Sorghum	512,890	-	512,890	-
Bulrush Millet	150,531	-	150,531	-
Finger Millet	31,467	-	31,467	-
Wheat	91,659	-	91,659	-
Barley	309	-	309	-
<b>ROOTS &amp; TUBERS</b>	<b>874,346</b>	<b>6,964</b>	<b>867,381</b>	<b>0.8</b>
Cassava	502,654	779	501,874	0.2
Sweet potatoes	289,917	1,400	288,517	0.5
Irish potatoes	64,428	4,495	59,934	7.0
Yams	6,714	91	6,623	1.4
Cocoyams	10,632	199	10,433	1.9
<b>PULSES</b>	<b>1,425,699</b>	<b>31,356</b>	<b>1,394,344</b>	<b>2.2</b>
Beans	823,484	29,437	794,047	3.6
Cowpeas	66,072	796	65,276	1.2
Green gram	91,010	65	90,945	0.1
Pigeon pea	237,902	3	237,898	0.0
Chick peas	125,330	297	125,033	0.2
Bambaranuts	51,271	157	51,114	0.3
Field peas	13,938	522	13,416	3.7
Fiwi	16,692	77	16,614	0.5
Upupu	1,085	-	1,085	-
<b>OIL SEEDS &amp; NUTS</b>	<b>1,518,585</b>	<b>430</b>	<b>1,518,156</b>	<b>0.03</b>
Sunflower	524,049	70	523,979	0.01
Sesame/Simsim	442,688	140	442,549	0.03
Groundnut	528,372	220	528,153	0.04
Soyabeans	23,476	-	23,476	-
<b>FRUITS &amp; VEGETABLES</b>	<b>165,174</b>	<b>106,013</b>	<b>59,160</b>	<b>64.2</b>
Onion	28,335	18,420	9,915	65.0
Ginger	4,257	2,632	1,624	61.8
Garlic	868	456	412	52.6
Strawberry	13	13	-	100.0
Roselle	654	-	654	-
Cabbage	4,484	3,348	1,136	74.7
Spinach	5,348	4,165	1,183	77.9
Carrot	5,305	248	5,057	4.7
Chilies	3,497	2,219	1,278	63.5
Amaranths	7,996	6,026	1,969	75.4
Pumpkins	4,570	796	3,774	17.4
Cucumber	2,187	1,740	446	79.6
Egg Plant	2,049	1,459	591	71.2
Water mellon	18,444	14,511	3,932	78.7
Cauliflower	499	79	420	15.8
Okra	12,074	4,695	7,379	38.9
Coriander	78	-	78	-
Tomatoes	51,595	35,882	15,713	69.5

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
Bitter tomato	5,979	4,211	1,768	70.4
Sweet/bell pepper	1,710	1,402	308	82.0
Squash	265	6	258	2.4
Sweet potato leaves	2,991	2,394	597	80.0
Mnavu/Mnafu	660	369	291	55.9
Figiri/sukuma wiki	626	514	111	82.2
Brocol	118	118	-	100.0
Pumpkin leaves	537	309	229	57.5
Majani ya kunde	35	-	35	-
<b>CASH CROPS</b>	<b>372,064</b>	<b>2,312</b>	<b>369,752</b>	<b>0.6</b>
Cotton	313,371	412	312,959	0.1
Seaweed	891	-	891	-
Tobacco	54,525	1,819	52,706	3.3
Pyrethrum	2,740	-	2,740	-
Jute	30	-	30	-
Olive	279	-	279	-
Lemon grass	227	81	147	35.6
<b>Other crops</b>	<b>1,919</b>	<b>195</b>	<b>1,725</b>	<b>10.1</b>
<b>TOTAL</b>	<b>11,765,079</b>	<b>289,386</b>	<b>11,475,693</b>	<b>2.5</b>



**Cont...Table 3.14: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Mainland Tanzania - SHORT and LONG RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>7,369,461</b>	<b>134,645</b>	<b>7,234,815</b>	<b>1.8</b>
Maize	4,927,748	54,275	4,873,473	1.1
Paddy	1,655,087	80,370	1,574,717	4.9
Sorghum	512,768	-	512,768	-
Bulrush Millet	150,422	-	150,422	-
Finger Millet	31,467	-	31,467	-
Wheat	91,659	-	91,659	-
Barley	309	-	309	-
<b>ROOTS &amp; TUBERS</b>	<b>801,568</b>	<b>6,481</b>	<b>795,088</b>	<b>0.8</b>
Cassava	440,210	491	439,718	0.1
Sweet potatoes	282,773	1,269	281,504	0.4
Irish potatoes	64,417	4,495	59,923	7.0
Yams	4,801	65	4,736	1.4
Cocoyams	9,367	161	9,206	1.7
<b>PULSES</b>	<b>1,423,512</b>	<b>31,139</b>	<b>1,392,374</b>	<b>2.2</b>
Beans	823,427	29,437	793,989	3.6
Cowpeas	64,051	648	63,403	1.0
Green gram	90,514	65	90,449	0.1
Pigeon pea	237,277	-	237,277	-
Chick peas	125,330	297	125,033	0.2
Bambaranuts	51,206	92	51,114	0.2
Field peas	13,938	522	13,416	3.7
Fiwi	16,685	77	16,607	0.5
Upupu	1,085	-	1,085	-
<b>OIL SEEDS &amp; NUTS</b>	<b>1,517,355</b>	<b>313</b>	<b>1,517,042</b>	<b>0.0</b>
Sunflower	524,049	70	523,979	0.0
Sesame/Simsim	442,688	140	442,549	0.0
Groundnut	527,142	103	527,039	0.0
Soyabeans	23,476	-	23,476	-
<b>FRUITS &amp; VEGETABLES</b>	<b>154,112</b>	<b>97,849</b>	<b>56,265</b>	<b>63.5</b>
Onion	28,323	18,407	9,915	65.0
Ginger	4,257	2,632	1,624	61.8
Garlic	868	456	412	52.6
Strawberry	13	13	-	100.0
Roselle	654	-	654	-
Cabbage	4,481	3,346	1,136	74.7
Spinach	5,304	4,127	1,177	77.8
Carrot	5,288	234	5,054	4.4
Chilies	3,105	1,870	1,236	60.2
Amaranths	6,751	4,918	1,833	72.8
Pumpkins	3,895	590	3,304	15.2
Cucumber	1,183	1,018	166	86.0
Egg Plant	1,049	737	312	70.3
Water mellon	16,537	12,646	3,891	76.5
Cauliflower	499	79	420	15.8
Okra	10,480	3,571	6,909	34.1
Coriander	78	-	78	-

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
Tomatoes	49,187	34,323	14,864	69.8
Bitter tomato	5,518	3,955	1,563	71.7
Sweet/bell pepper	1,693	1,388	306	82.0
Squash	251	6	245	2.6
Sweet potato leaves	2,721	2,223	499	81.7
Mnavu/Mnafu	660	369	291	55.9
Figiri/sukuma wiki	626	514	111	82.2
Brocol	118	118	-	100.0
Pumpkin leaves	537	309	229	57.5
Majani ya kunde	35	-	35	-
<b>CASH CROPS</b>	<b>371,163</b>	<b>2,281</b>	<b>368,881</b>	<b>0.6</b>
Cotton	313,371	412	312,959	0.1
Seaweed	28	-	28	-
Tobacco	54,525	1,819	52,706	3.3
Pyrethrum	2,740	-	2,740	-
Jute	30	-	30	-
Olive	272	-	272	-
Lemon grass	197	50	147	25.5
<b>Other crops</b>	<b>1,892</b>	<b>190</b>	<b>1,702</b>	<b>10.1</b>
<b>TOTAL</b>	<b>11,639,063</b>	<b>272,899</b>	<b>11,366,168</b>	<b>2.3</b>

**Cont...Table 3.14: Planted Area Irrigated by Crop During 2019/20 Agricultural Year, Tanzania Zanzibar - SHORT and LONG RAINY SEASON**

Crop	Planted Area (ha)	Irrigation Use		Percent
		Planted Area Irrigated (ha)	Planted Area Not Irrigated (ha)	
<b>CEREALS</b>	<b>36,747</b>	<b>7,471</b>	<b>29,276</b>	<b>20.3</b>
Maize	3,362	699	2,663	20.8
Paddy	33,154	6,772	26,382	20.4
Sorghum	121	-	121	-
Bulrush Millet	110	-	110	-
<b>ROOTS &amp; TUBERS</b>	<b>72,777</b>	<b>484</b>	<b>72,293</b>	<b>0.7</b>
Cassava	62,444	288	62,156	0.5
Sweet potatoes	7,144	131	7,013	1.8
Irish potatoes	11	-	11	-
Yams	1,913	26	1,887	1.4
Cocoyams	1,265	38	1,227	3.0
<b>PULSES</b>	<b>3,272</b>	<b>217</b>	<b>3,055</b>	<b>6.6</b>
Beans	57	-	57	-
Cowpeas	2,022	149	1,874	7.3
Green gram	496	-	496	-
Pigeon pea	624	3	621	0.5
Bambaranuts	65	65	-	100.0
Fiwi	7	-	7	-
<b>OIL SEEDS &amp; NUTS</b>	<b>1,230</b>	<b>117</b>	<b>1,113</b>	<b>9.5</b>
Groundnut	1,230	117	1,113	9.5
<b>FRUITS &amp; VEGETABLES</b>	<b>11,059</b>	<b>8,166</b>	<b>2,894</b>	<b>73.8</b>
Onion	13	13	-	100.0
Cabbage	2	2	-	100.0
Spinach	44	38	6	87.0
Carrot	17	15	2	85.7
Chilies	391	349	42	89.2
Amaranths	1,245	1,109	136	89.1
Pumpkins	675	206	469	30.5
Cucumber	1,003	722	281	72.0
Egg Plant	1,000	721	279	72.1
Water mellon	1,907	1,865	41	97.8
Okra	1,594	1,124	469	70.5
Tomatoes	2,408	1,559	849	64.8
Bitter tomato	461	256	205	55.5
Sweet/bell pepper	17	14	3	85.4
Squash	13	-	13	-
Sweet potato leaves	269	171	98	63.6
<b>CASH CROPS</b>	<b>900</b>	<b>30</b>	<b>870</b>	<b>3.4</b>
Seaweed	863	-	863	-
Olive	7	-	7	-
Lemon grass	30	30	-	100.0
<b>Other crops</b>	<b>27</b>	<b>4</b>	<b>23</b>	<b>16.4</b>
<b>Total</b>	<b>126,013</b>	<b>16,489</b>	<b>109,524</b>	<b>13.1</b>

**Table 3.15: Number of Agricultural Households Using Source of Water for Irrigation by Region During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON**

Region	Source of Water for Irrigation							
	River	Lake	Dam	Well	Borehole	Canal	Tap Water	Others
Dodoma	18,062	-	2,195	6,239	4,183	14,698	-	-
Arusha	10,316	-	-	1,564	-	27,767	1,811	-
Kilimanjaro	24,905	-	-	2,876	280	31,125	2,259	-
Tanga	13,430	1,061	1,031	12,535	-	26,509	676	-
Morogoro	15,589	-	2,354	3,306	372	4,426	2,244	1,381
Pwani	2,574	-	2,795	4,556	1,584	2,030	2,712	132
Dar es Salaam	36,594	-	10,500	26,248	14,736	2,154	30,470	-
Lindi	3,096	-	549	9,507	-	1,398	210	-
Mtwara	6,386	-	1,675	3,490	69	1,062	245	-
Ruvuma	19,084	-	400	2,268	638	5,925	842	185
Iringa	58,870	-	1,037	15,758	845	18,880	526	552
Mbeya	25,013	802	268	4,121	-	29,571	3,557	307
Singida	1,155	-	-	2,586	-	232	3,001	250
Tabora	2,467	-	20,702	12,134	742	999	313	-
Rukwa	6,629	-	183	1,969	-	2,517	371	-
Kigoma	18,904	-	736	1,595	-	2,792	1,346	1,007
Shinyanga	1,886	-	7,273	3,087	-	-	568	-
Kagera	11,655	409	5,771	3,325	-	955	2,039	4,310
Mwanza	8,832	2,415	6,114	8,178	340	2,068	1,685	511
Mara	1,484	-	159	366	-	-	254	-
Manyara	5,038	-	943	1,054	-	5,454	3,019	-
Njombe	4,986	-	269	705	-	2,549	196	-
Katavi	235	-	124	78	-	422	-	-
Simiyu	3,745	312	287	914	789	-	149	-
Geita	2,494	1,029	13,363	8,199	537	527	244	602
Songwe	10,877	-	685	-	-	1,425	215	933
<b>Mainland Tanzania</b>	<b>314,306</b>	<b>6,028</b>	<b>79,413</b>	<b>136,658</b>	<b>25,115</b>	<b>185,485</b>	<b>58,952</b>	<b>10,170</b>
Kaskazini Unguja	4,861	-	1,256	3,640	52	1,499	1,792	-
Kusini Unguja	1,088	481	-	6,746	1,016	1,276	1,068	-
Mjini Magharibi	7,083	100	47	9,549	9,448	1,525	301	310
Kaskazini Pemba	2,280	208	317	737	-	528	329	-
Kusini Pemba	16,940	465	120	2,980	814	956	2,713	171
<b>Tanzania Zanzibar</b>	<b>32,252</b>	<b>1,254</b>	<b>1,740</b>	<b>23,652</b>	<b>11,330</b>	<b>5,784</b>	<b>6,203</b>	<b>481</b>
<b>Tanzania</b>	<b>346,558</b>	<b>7,282</b>	<b>81,153</b>	<b>160,310</b>	<b>36,445</b>	<b>191,269</b>	<b>65,155</b>	<b>10,651</b>

**Table 3.16: Number of Agricultural Households by Method Used to Obtain Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON**

Region	Method of Irrigation					
	Gravity	Bucket	Hand/Leg Pump	Motor Water Pump	Drip irrigation	Other
Dodoma	20,812	16,796	1,438	5,221	-	1,110
Arusha	34,292	1,078	1,573	1,776	1,387	1,350
Kilimanjaro	48,338	2,927	419	4,991	522	4,247
Tanga	21,442	28,574	444	3,112	172	1,496
Morogoro	10,853	8,362	386	9,294	520	259
Pwani	368	12,350	255	3,199	-	208
Dar es Salaam	8,210	86,448	-	25,084	-	962
Lindi	1,946	7,846	-	1,412	-	3,555
Mtwara	296	12,040	-	593	-	-
Ruvuma	14,641	10,757	465	1,201	433	1,845
Iringa	35,192	41,631	-	18,522	126	999
Mbeya	45,132	11,442	237	5,694	-	1,136
Singida	532	3,610	-	227	2,854	-
Tabora	4,219	29,773	1,097	1,826	-	442
Rukwa	6,170	3,260	-	1,867	-	371
Kigoma	3,398	20,626	-	1,619	-	736
Shinyanga	391	11,714	185	522	-	-
Kagera	647	23,317	1,509	2,719	-	272
Mwanza	1,624	27,079	165	1,274	-	-
Mara	178	1,518	356	53	-	159
Manyara	7,550	6,969	-	575	414	-
Njombe	1,235	3,665	-	772	1,041	1,994
Katavi	657	78	-	-	124	-
Simiyu	150	2,786	296	2,964	-	-
Geita	-	23,284	1,163	2,548	-	-
Songwe	2,335	7,962	-	2,657	249	933
<b>Mainland Tanzania</b>	<b>270,608</b>	<b>405,892</b>	<b>9,988</b>	<b>99,722</b>	<b>7,842</b>	<b>22,074</b>
Kaskazini Unguja	854	8,251	55	2,510	437	992
Kusini Unguja	1,391	6,429	-	3,062	487	305
Mjini Magharibi	7,819	9,132	-	11,036	-	375
Kaskazini Pemba	1,436	2,090	458	414	-	-
Kusini Pemba	12,265	10,725	157	1,538	-	475
<b>Tanzania Zanzibar</b>	<b>23,765</b>	<b>36,627</b>	<b>670</b>	<b>18,560</b>	<b>924</b>	<b>2,147</b>
<b>Tanzania</b>	<b>294,373</b>	<b>442,519</b>	<b>10,658</b>	<b>118,282</b>	<b>8,766</b>	<b>24,221</b>

## **SHORT RAINY SEASON**

**Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Maize					Paddy				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	3,015	1,584	1,486	2,023	1.4	1,093	276	193	516	2.7
Arusha	59,535	27,599	25,159	46,669	1.9	383	96	96	419	4.4
Kilimanjaro	150,323	53,677	47,640	79,529	1.7	8,946	4,899	4,435	16,762	3.8
Tanga	300,129	193,938	187,020	223,821	1.2	7,185	3,414	2,314	6,076	2.6
Morogoro	189,633	131,871	120,792	136,222	1.1	46,074	33,879	30,619	65,695	2.1
Pwani	88,943	42,147	32,394	50,146	1.5	30,839	20,480	10,592	24,512	2.3
Dar es Salaam	43,449	47,537	33,563	54,040	1.6	29,244	25,937	22,316	54,454	2.4
Lindi	655	639	484	965	2.0	699	283	-	-	-
Mtwara	1,311	331	331	384	1.2	412	129	91	102	1.1
Ruvuma	61,702	62,730	61,600	134,438	2.2	9,519	5,494	5,048	8,915	1.8
Iringa	43,686	33,451	30,150	33,709	1.1	10,439	7,389	6,579	17,345	2.6
Mbeya	128,431	51,942	48,226	88,835	1.8	29,274	28,517	25,484	97,089	3.8
Singida	6,732	5,625	4,926	7,116	1.4	159	129	129	635	4.9
Tabora	76,556	77,166	67,046	77,328	1.2	39,387	40,143	35,862	79,242	2.2
Rukwa	9,348	4,791	3,607	5,631	1.6	-	-	-	-	-
Kigoma	37,627	8,617	7,809	8,873	1.1	2,323	1,016	1,016	1,591	1.6
Shinyanga	20,323	13,429	8,620	12,605	1.5	11,418	8,402	8,074	21,637	2.7
Kagera	442,356	121,091	105,707	168,374	1.6	14,116	13,301	13,192	27,147	2.1
Mwanza	336,013	162,807	142,529	199,073	1.4	191,853	114,513	112,834	286,723	2.5
Mara	136,964	103,661	87,110	132,361	1.5	9,715	13,184	12,946	32,248	2.5
Manyara	127,404	153,517	146,298	207,976	1.4	2,280	2,256	2,256	6,034	2.7
Njombe	486	297	251	260	1.0	-	-	-	-	-
Katavi	829	832	813	1,400	1.7	277	427	427	1,172	2.7
Simiyu	33,704	42,458	36,142	46,198	1.3	12,212	7,927	7,832	20,266	2.6
Geita	272,786	177,268	172,695	240,736	1.4	117,275	124,564	123,499	283,801	2.3
Songwe	32,123	27,751	22,447	40,052	1.8	4,560	3,247	1,739	2,827	1.6
<b>Mainland Tanzania</b>	<b>2,604,063</b>	<b>1,546,753</b>	<b>1,394,844</b>	<b>1,998,766</b>	<b>1.4</b>	<b>579,682</b>	<b>459,903</b>	<b>427,571</b>	<b>1,055,208</b>	<b>2.5</b>
Kaskazini Unguja	2,587	617	293	660	2.3	6,772	1,971	1,488	3,780	2.5
Kusini Unguja	1,056	172	87	74	0.8	1,134	242	189	529	2.8
Mjini Magharibi	2,738	577	558	1,153	2.1	11,593	3,504	2,743	7,326	2.7
Kaskazini Pemba	457	110	110	240	2.2	8,028	2,240	1,970	4,640	2.4
Kusini Pemba	2,012	366	299	192	0.6	2,122	486	444	777	1.7
<b>Tanzania Zanzibar</b>	<b>8,850</b>	<b>1,844</b>	<b>1,348</b>	<b>2,319</b>	<b>1.7</b>	<b>29,649</b>	<b>8,444</b>	<b>6,835</b>	<b>17,051</b>	<b>2.5</b>
<b>Tanzania</b>	<b>2,612,913</b>	<b>1,548,597</b>	<b>1,396,191</b>	<b>2,001,085</b>	<b>1.4</b>	<b>609,331</b>	<b>468,348</b>	<b>434,406</b>	<b>1,072,259</b>	<b>2.5</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Sorghum					Wheat				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	204	83	-	-	-	-	-	-	-	-
Arusha	90	73	73	135	1.9	-	-	-	-	-
Kilimanjaro	596	85	85	140	1.6	710	2,298	1,796	3,336	1.9
Tanga	808	511	368	519	1.4	239	68	-	-	-
Morogoro	4,022	2,949	1,833	2,637	1.4	-	-	-	-	-
Pwani	1,217	253	212	245	1.2	-	-	-	-	-
Dar es Salaam	1,084	439	439	325	0.7	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	283	344	-	-	-
Iringa	3,535	4,036	4,036	7,302	1.8	-	-	-	-	-
Mbeya	461	683	683	830	1.2	-	-	-	-	-
Singida	1,987	1,155	1,072	1,433	1.3	-	-	-	-	-
Tabora	5,697	7,339	5,242	6,750	1.3	-	-	-	-	-
Rukwa	-	-	-	-	-	286	116	116	223	1.9
Kigoma	349	141	141	272	1.9	-	-	-	-	-
Shinyanga	2,840	1,968	1,887	2,474	1.3	-	-	-	-	-
Kagera	8,583	3,606	3,435	4,035	1.2	668	135	135	160	1.2
Mwanza	36,068	13,894	12,041	15,649	1.3	-	-	-	-	-
Mara	32,890	18,097	13,625	14,476	1.1	89	54	-	-	-
Manyara	5,764	3,090	1,798	2,291	1.3	411	319	15	18	1.2
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	6,147	4,266	3,582	3,548	1.0	-	-	-	-	-
Geita	8,134	2,858	2,696	3,341	1.2	-	-	-	-	-
Songwe	2,219	2,908	2,810	2,395	0.9	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>122,695</b>	<b>68,433</b>	<b>56,060</b>	<b>68,797</b>	<b>1.2</b>	<b>2,686</b>	<b>3,333</b>	<b>2,062</b>	<b>3,737</b>	<b>1.8</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	85	8	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>85</b>	<b>8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>122,780</b>	<b>68,442</b>	<b>56,060</b>	<b>68,797</b>	<b>1.2</b>	<b>2,686</b>	<b>3,333</b>	<b>2,062</b>	<b>3,737</b>	<b>1.8</b>



**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Bulrush Millet					Finger Millet				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	429	26	21	31	1.5
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	123	50	50	65	1.3	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	2,375	1,170	1,170	1,582	1.4
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	671	136	136	147	1.1
Singida	976	2,756	1,317	2,171	1.6	-	-	-	-	-
Tabora	220	45	45	20	0.4	-	-	-	-	-
Rukwa	-	-	-	-	-	286	116	116	244	2.1
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	2,317	4,143	3,448	4,333	1.3	-	-	-	-	-
Kagera	-	-	-	-	-	932	106	106	145	1.4
Mwanza	580	314	314	262	0.8	604	146	146	98	0.7
Mara	119	48	48	64	1.3	2,914	1,325	874	827	0.9
Manyara	1,207	457	231	111	0.5	2,126	887	597	1,009	1.7
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	456	136	48	55	1.1	1,074	467	380	279	0.7
Songwe	-	-	-	-	-	223	90	90	53	0.6
<b>Mainland Tanzania</b>	<b>5,998</b>	<b>7,948</b>	<b>5,500</b>	<b>7,080</b>	<b>1.3</b>	<b>11,634</b>	<b>4,471</b>	<b>3,636</b>	<b>4,415</b>	<b>1.2</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	541	54	17	15	0.9	-	-	-	-	-
Kusini Pemba	343	47	39	126	3.3	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>884</b>	<b>101</b>	<b>55</b>	<b>142</b>	<b>2.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>6,882</b>	<b>8,049</b>	<b>5,556</b>	<b>7,222</b>	<b>1.3</b>	<b>11,634</b>	<b>4,471</b>	<b>3,636</b>	<b>4,415</b>	<b>1.2</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Barley					Cassava				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	4,131	607	133	1,068	8.0
Tanga	-	-	-	-	-	4,215	1,963	1,521	10,980	7.2
Morogoro	-	-	-	-	-	19,593	5,522	1,937	17,894	9.2
Pwani	-	-	-	-	-	98,674	36,053	20,440	178,167	8.7
Dar es Salaam	-	-	-	-	-	62,079	25,653	11,201	84,044	7.5
Lindi	-	-	-	-	-	192	78	19	207	10.7
Mtwara	-	-	-	-	-	1,501	359	223	2,322	10.4
Ruvuma	-	-	-	-	-	4,893	2,619	1,178	10,033	8.5
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	1,100	160	33	243	7.3
Singida	-	-	-	-	-	443	276	83	711	8.6
Tabora	-	-	-	-	-	1,603	444	-	-	-
Rukwa	-	-	-	-	-	388	243	-	-	-
Kigoma	-	-	-	-	-	10,245	2,760	379	3,692	9.7
Shinyanga	-	-	-	-	-	1,281	446	-	-	-
Kagera	-	-	-	-	-	105,183	18,785	5,300	51,486	9.7
Mwanza	-	-	-	-	-	130,090	49,697	7,821	79,757	10.2
Mara	-	-	-	-	-	64,171	40,007	5,410	55,643	10.3
Manyara	-	-	-	-	-	531	111	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	69,172	29,559	2,250	20,619	9.2
Songwe	-	-	-	-	-	223	45	-	-	-
<b>Mainland Tanzania</b>						<b>579,708</b>	<b>215,389</b>	<b>57,929</b>	<b>516,867</b>	<b>8.9</b>
Kaskazini Unguja	-	-	-	-	-	26,273	5,881	4,277	26,056	6.1
Kusini Unguja	-	-	-	-	-	10,777	2,472	2,041	14,173	6.9
Mjini Magharibi	-	-	-	-	-	21,361	4,796	3,680	23,462	6.4
Kaskazini Pemba	-	-	-	-	-	36,971	10,764	9,805	66,848	6.8
Kusini Pemba	-	-	-	-	-	52,232	15,730	11,924	27,010	2.3
<b>Tanzania Zanzibar</b>						<b>147,614</b>	<b>39,643</b>	<b>31,726</b>	<b>157,549</b>	<b>5.0</b>
<b>Tanzania</b>	-	-	-	-	-	<b>727,322</b>	<b>255,031</b>	<b>89,655</b>	<b>674,416</b>	<b>7.5</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Sweet Potatoes					Cocoyams				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	386	39	11	21	2.0	255	45	45	77	1.7
Kilimanjaro	1,040	223	208	557	2.7	6,381	463	270	427	1.6
Tanga	1,931	205	172	707	4.1	2,322	439	300	558	1.9
Morogoro	7,015	3,955	3,042	3,893	1.3	3,412	866	335	525	1.6
Pwani	5,011	967	662	3,554	5.4	-	-	-	-	-
Dar es Salaam	4,198	580	270	173	0.6	888	18	18	42	2.3
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	533	144	144	281	1.9	-	-	-	-	-
Iringa	2,938	481	399	2,273	5.7	400	40	40	54	1.3
Mbeya	2,386	910	713	1,598	2.2	2,932	214	145	270	1.9
Singida	1,249	864	423	909	2.2	-	-	-	-	-
Tabora	30,261	9,193	8,263	19,389	2.3	-	-	-	-	-
Rukwa	175	71	-	-	-	-	-	-	-	-
Kigoma	5,194	1,017	702	1,078	1.5	1,002	93	57	118	2.1
Shinyanga	7,317	2,674	2,583	4,620	1.8	-	-	-	-	-
Kagera	43,845	6,908	6,126	14,886	2.4	31,061	3,245	1,881	2,691	1.4
Mwanza	142,000	35,799	31,688	64,691	2.0	459	19	-	-	-
Mara	13,385	4,472	3,989	9,496	2.4	-	-	-	-	-
Manyara	1,814	314	140	274	2.0	670	37	37	68	1.8
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	14,533	5,000	4,825	12,818	2.7	-	-	-	-	-
Geita	68,317	22,990	20,799	42,637	2.0	611	41	6	7	1.0
Songwe	854	109	-	-	-	303	31	31	34	1.1
<b>Mainland Tanzania</b>	<b>354,382</b>	<b>96,915</b>	<b>85,159</b>	<b>183,855</b>	<b>2.2</b>	<b>50,696</b>	<b>5,550</b>	<b>3,165</b>	<b>4,869</b>	<b>1.5</b>
Kaskazini Unguja	3,691	1,098	859	8,949	10.4	688	50	31	61	2.0
Kusini Unguja	1,573	344	235	2,451	10.4	891	152	79	198	2.5
Mjini Magharibi	5,781	1,280	875	10,852	12.4	2,674	295	183	445	2.4
Kaskazini Pemba	1,488	258	201	2,400	12.0	278	44	21	42	2.0
Kusini Pemba	1,749	162	128	1,375	10.7	3,292	304	247	484	2.0
<b>Tanzania Zanzibar</b>	<b>14,282</b>	<b>3,142</b>	<b>2,297</b>	<b>26,027</b>	<b>11.3</b>	<b>7,823</b>	<b>845</b>	<b>562</b>	<b>1,231</b>	<b>2.2</b>
<b>Tanzania</b>	<b>368,664</b>	<b>100,057</b>	<b>87,457</b>	<b>209,882</b>	<b>2.4</b>	<b>58,519</b>	<b>6,394</b>	<b>3,727</b>	<b>6,100</b>	<b>1.6</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Irish potatoes					Yams				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	154	16	-	-	-	-	-	-	-	-
Arusha	2,166	887	872	3,206	3.7	-	-	-	-	-
Kilimanjaro	4,971	1,252	1,192	5,976	5.0	-	-	-	-	-
Tanga	24,188	5,454	5,363	16,544	3.1	-	-	-	-	-
Morogoro	-	-	-	-	-	112	23	23	17	0.7
Pwani	-	-	-	-	-	389	39	39	107	2.7
Dar es Salaam	1,062	8,594	8,594	116,050	13.5	1,974	799	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	3,725	389	77	178	2.3	-	-	-	-	-
Mbeya	10,743	4,282	3,938	26,795	6.8	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	255	52	52	77	1.5
Rukwa	685	168	81	180	2.2	-	-	-	-	-
Kigoma	816	66	66	210	3.2	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	7,373	2,231	1,905	4,980	2.6	1,522	228	211	331	1.6
Mwanza	-	-	-	-	-	691	280	280	516	1.8
Mara	283	229	229	622	2.7	-	-	-	-	-
Manyara	1,762	498	498	3,201	6.4	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	218	132	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>57,928</b>	<b>24,065</b>	<b>22,814</b>	<b>177,942</b>	<b>7.8</b>	<b>5,161</b>	<b>1,552</b>	<b>604</b>	<b>1,047</b>	<b>1.7</b>
Kaskazini Unguja	-	-	-	-	-	3,440	491	97	184	1.9
Kusini Unguja	-	-	-	-	-	2,089	338	297	488	1.6
Mjini Magharibi	-	-	-	-	-	4,181	485	267	530	2.0
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	371	11	1	3	4.2
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,081</b>	<b>1,324</b>	<b>661</b>	<b>1,204</b>	<b>1.8</b>
<b>Tanzania</b>	<b>57,928</b>	<b>24,065</b>	<b>22,814</b>	<b>177,942</b>	<b>7.8</b>	<b>15,242</b>	<b>2,877</b>	<b>1,265</b>	<b>2,252</b>	<b>1.8</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Garlic					Green gram				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	320	21	21	13	0.6
Kilimanjaro	-	-	-	-	-	2,500	423	406	414	1.0
Tanga	-	-	-	-	-	5,651	1,864	1,495	387	0.3
Morogoro	-	-	-	-	-	1,675	543	499	154	0.3
Pwani	-	-	-	-	-	1,681	340	294	266	0.9
Dar es Salaam	-	-	-	-	-	826	167	167	21	0.1
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	215	87	-	-	-	166	11	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	6,457	2,641	2,054	322	0.2
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	1,551	475	89	29	0.3
Kagera	-	-	-	-	-	451	22	11	1	0.1
Mwanza	-	-	-	-	-	84,231	25,780	19,562	12,491	0.6
Mara	-	-	-	-	-	732	249	193	88	0.5
Manyara	255	6	-	-	-	334	302	208	2	0.0
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	9,761	3,874	3,454	1,662	0.5
Geita	-	-	-	-	-	3,328	507	507	109	0.2
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>470</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>119,664</b>	<b>37,218</b>	<b>28,960</b>	<b>15,958</b>	<b>0.6</b>
Kaskazini Unguja	-	-	-	-	-	423	63	54	22	0.4
Kusini Unguja	-	-	-	-	-	367	66	51	19	0.4
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	89	18	18	9	0.5
Kusini Pemba	-	-	-	-	-	2,082	287	245	96	0.4
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,961</b>	<b>434</b>	<b>367</b>	<b>145</b>	<b>0.4</b>
<b>Tanzania</b>	<b>470</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>122,625</b>	<b>37,652</b>	<b>29,327</b>	<b>16,103</b>	<b>0.5</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Onion					Ginger				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	1,900	1,828	1,687	5,586	3.3	-	-	-	-	-
Arusha	1,554	765	709	3,938	5.6	-	-	-	-	-
Kilimanjaro	520	1,021	108	821	7.6	9,227	2,094	1,019	6,028	5.9
Tanga	1,850	293	249	933	3.7	1,150	194	186	1,514	8.1
Morogoro	481	97	97	404	4.2	313	380	168	1,539	9.2
Pwani	104	84	84	458	5.4	192	78	78	192	2.5
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	1,085	219	219	380	1.7	-	-	-	-	-
Mtwara	255	26	26	82	3.2	-	-	-	-	-
Ruvuma	1,197	240	157	501	3.2	-	-	-	-	-
Iringa	3,256	565	350	2,366	6.8	-	-	-	-	-
Mbeya	768	176	159	1,058	6.7	-	-	-	-	-
Singida	713	577	-	-	-	-	-	-	-	-
Tabora	2,861	721	383	429	1.1	-	-	-	-	-
Rukwa	596	148	13	27	2.0	-	-	-	-	-
Kigoma	-	-	-	-	-	511	52	47	306	6.6
Shinyanga	194	20	20	16	0.8	-	-	-	-	-
Kagera	920	49	49	92	1.9	-	-	-	-	-
Mwanza	630	79	79	292	3.7	-	-	-	-	-
Mara	608	201	201	400	2.0	-	-	-	-	-
Manyara	2,400	1,581	1,570	6,747	4.3	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	474	112	101	300	3.0	-	-	-	-	-
Songwe	281	57	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>22,647</b>	<b>8,858</b>	<b>6,261</b>	<b>24,828</b>	<b>4.0</b>	<b>11,393</b>	<b>2,797</b>	<b>1,497</b>	<b>9,579</b>	<b>6.4</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	43	13	13	2	0.2	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>43</b>	<b>13</b>	<b>13</b>	<b>2</b>	<b>0.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>22,691</b>	<b>8,871</b>	<b>6,275</b>	<b>24,830</b>	<b>4.0</b>	<b>11,392</b>	<b>2,797</b>	<b>1,497</b>	<b>9,579</b>	<b>6.4</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Beans					Cowpeas				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	2,330	698	530	580	1.1	-	-	-	-	-
Arusha	35,832	13,920	12,393	16,835	1.4	-	-	-	-	-
Kilimanjaro	70,894	24,137	18,556	24,111	1.3	1,895	229	217	625	2.9
Tanga	63,959	15,914	14,696	21,704	1.5	15,207	3,970	3,854	9,458	2.5
Morogoro	17,818	7,437	6,533	8,872	1.4	8,373	1,958	1,633	3,945	2.4
Pwani	-	-	-	-	-	21,358	3,155	2,630	6,186	2.4
Dar es Salaam	4,684	16,234	16,234	13,235	0.8	10,430	1,622	1,437	3,254	2.3
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	323	13	13	38	3.0
Ruvuma	19,126	9,868	8,420	10,089	1.2	-	-	-	-	-
Iringa	22,242	3,837	2,830	3,460	1.2	9,866	2,001	1,731	4,649	2.7
Mbeya	34,878	9,588	8,094	10,385	1.3	1,522	326	265	536	2.0
Singida	620	268	238	317	1.3	-	-	-	-	-
Tabora	4,484	1,055	887	1,285	1.4	5,127	1,532	1,240	4,472	3.6
Rukwa	6,068	2,815	2,163	2,631	1.2	-	-	-	-	-
Kigoma	51,004	10,781	10,412	13,734	1.3	1,880	279	279	1,001	3.6
Shinyanga	1,855	621	579	910	1.6	1,109	189	151	432	2.9
Kagera	439,348	98,336	75,911	101,684	1.3	1,495	568	547	1,960	3.6
Mwanza	78,421	16,031	14,098	20,007	1.4	27,966	4,116	3,642	10,922	3.0
Mara	9,295	3,219	2,639	3,766	1.4	-	-	-	-	-
Manyara	58,648	39,773	35,848	49,622	1.4	825	612	612	1,401	2.3
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	121	49	49	48	1.0	-	-	-	-	-
Simiyu	2,970	569	335	413	1.2	2,093	492	379	1,203	3.2
Geita	110,367	25,569	22,556	31,033	1.4	17,271	3,094	2,800	6,773	2.4
Songwe	9,734	2,907	2,361	2,975	1.3	553	112	56	166	3.0
<b>Mainland Tanzania</b>	<b>1,044,698</b>	<b>303,626</b>	<b>256,360</b>	<b>337,699</b>	<b>1.3</b>	<b>127,293</b>	<b>24,266</b>	<b>21,485</b>	<b>57,022</b>	<b>2.7</b>
Kaskazini Unguja	74	45	15	24	1.6	972	124	80	266	3.3
Kusini Unguja	-	-	-	-	-	124	9	1	1	0.9
Mjini Magharibi	-	-	-	-	-	56	3	3	10	3.4
Kaskazini Pemba	-	-	-	-	-	1,748	307	190	414	2.2
Kusini Pemba	123	13	-	-	-	7,599	1,301	1,014	2,915	2.9
<b>Tanzania Zanzibar</b>	<b>197</b>	<b>58</b>	<b>15</b>	<b>24</b>	<b>1.6</b>	<b>10,499</b>	<b>1,744</b>	<b>1,287</b>	<b>3,606</b>	<b>2.8</b>
<b>Tanzania</b>	<b>1,044,895</b>	<b>303,684</b>	<b>256,375</b>	<b>337,723</b>	<b>1.3</b>	<b>137,792</b>	<b>26,011</b>	<b>22,772</b>	<b>60,628</b>	<b>2.7</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Pigeon Peas					Chick Peas				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	151	123	-	-	-	-	-	-	-	-
Kilimanjaro	1,259	91	79	32	0.4	-	-	-	-	-
Tanga	2,176	787	663	103	0.2	-	-	-	-	-
Morogoro	20,494	8,592	3,208	1,101	0.3	-	-	-	-	-
Pwani	20,387	2,888	1,732	893	0.5	-	-	-	-	-
Dar es Salaam	4,924	902	886	726	0.8	-	-	-	-	-
Lindi	192	23	23	12	0.5	-	-	-	-	-
Mtwara	524	39	12	1	0.1	-	-	-	-	-
Ruvuma	1,121	469	371	157	0.4	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	1,070	59	10	3	0.3	-	-	-	-	-
Singida	233	141	94	47	0.5	197	40	-	-	-
Tabora	227	23	-	-	-	735	297	149	83	0.6
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	4,891	682	531	132	0.2	-	-	-	-	-
Shinyanga	95	4	4	2	0.4	173	279	279	173	0.6
Kagera	835	125	85	17	0.2	-	-	-	-	-
Mwanza	339	70	7	4	0.5	4,308	5,643	2,461	2,120	0.9
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	27,059	22,214	9,403	5,194	0.6	980	3,052	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	782	146	146	98	0.7	325	237	53	28	0.5
Geita	216	22	22	22	1.0	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>86,975</b>	<b>37,402</b>	<b>17,277</b>	<b>8,542</b>	<b>0.5</b>	<b>6,718</b>	<b>9,549</b>	<b>2,942</b>	<b>2,403</b>	<b>0.8</b>
Kaskazini Unguja	1,718	279	146	216	1.5	-	-	-	-	-
Kusini Unguja	1,333	180	115	158	1.4	-	-	-	-	-
Mjini Magharibi	397	17	17	28	1.6	-	-	-	-	-
Kaskazini Pemba	122	6	6	8	1.4	-	-	-	-	-
Kusini Pemba	142	15	15	21	1.5	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>3,712</b>	<b>497</b>	<b>299</b>	<b>431</b>	<b>1.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>90,687</b>	<b>37,898</b>	<b>17,576</b>	<b>8,974</b>	<b>0.5</b>	<b>6,718</b>	<b>9,549</b>	<b>2,942</b>	<b>2,403</b>	<b>0.8</b>



**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Bambaranuts					Field peas				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	154	62	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	1,546	1,141	998	2,552	2.6
Tanga	-	-	-	-	-	414	119	119	153	1.3
Morogoro	719	85	85	36	0.4	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	153	31	31	61	2.0	-	-	-	-	-
Ruvuma	319	65	65	48	0.7	-	-	-	-	-
Iringa	-	-	-	-	-	2,649	262	19	27	1.5
Mbeya	215	87	22	17	0.8	1,150	279	217	258	1.2
Singida	204	248	83	16	0.2	-	-	-	-	-
Tabora	2,695	703	384	246	0.6	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	11,366	1,950	1,373	787	0.6	4,688	459	367	291	0.8
Mwanza	10,787	2,269	2,219	589	0.3	-	-	-	-	-
Mara	426	61	61	69	1.1	-	-	-	-	-
Manyara	103	208	208	2	0.0	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	6,689	1,223	1,223	506	0.4	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>33,676</b>	<b>6,930</b>	<b>5,754</b>	<b>2,377</b>	<b>0.4</b>	<b>10,601</b>	<b>2,323</b>	<b>1,720</b>	<b>3,282</b>	<b>1.9</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	275	65	7	5	0.8	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>275</b>	<b>65</b>	<b>7</b>	<b>5</b>	<b>0.8</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>33,951</b>	<b>6,996</b>	<b>5,761</b>	<b>2,382</b>	<b>0.4</b>	<b>10,601</b>	<b>2,323</b>	<b>1,720</b>	<b>3,282</b>	<b>1.9</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Fiwi					Upupu				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	412	144	62	4	0.1	-	-	-	-	-
Kilimanjaro	1,089	496	55	12	0.2	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	2,393	1,449	1,172	233	0.2	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	1,652	1,952	475	120	0.3	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>5,546</b>	<b>4,042</b>	<b>1,764</b>	<b>369</b>	<b>0.2</b>	-	-	-	-	-
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	67	7	7	2	0.2	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>67</b>	<b>7</b>	<b>7</b>	<b>2</b>	<b>0.2</b>	-	-	-	-	-
<b>Tanzania</b>	<b>5,613</b>	<b>4,049</b>	<b>1,771</b>	<b>371</b>	<b>0.2</b>	-	-	-	-	-

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Sunflower					Sesame/Simsim				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	1,197	701	679	753	1.1	-	-	-	-	-
Kilimanjaro	15,227	3,479	3,330	4,317	1.3	871	119	119	53	0.4
Tanga	2,413	1,677	1,677	2,336	1.4	1,605	772	498	442	0.9
Morogoro	19,430	8,826	7,416	9,244	1.2	9,922	6,126	5,480	3,022	0.6
Pwani	252	204	102	182	1.8	15,618	9,427	7,342	3,225	0.4
Dar es Salaam	2,494	1,401	1,401	2,495	1.8	5,012	2,573	2,573	1,140	0.4
Lindi	-	-	-	-	-	222	274	177	65	0.4
Mtwara	-	-	-	-	-	879	666	666	587	0.9
Ruvuma	8,503	3,352	3,352	4,059	1.2	9,400	6,543	6,189	3,684	0.6
Iringa	9,068	2,984	2,934	3,749	1.3	391	316	316	308	1.0
Mbeya	6,339	1,794	1,674	2,335	1.4	1,068	920	920	817	0.9
Singida	1,770	1,731	1,400	1,512	1.1	-	-	-	-	-
Tabora	7,167	5,120	5,005	6,723	1.3	1,066	550	247	219	0.9
Rukwa	413	283	283	375	1.3	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	1,750	1,215	773	984	1.3	157	127	127	123	1.0
Kagera	3,485	961	798	1,455	1.8	-	-	-	-	-
Mwanza	3,110	1,853	1,853	2,360	1.3	486	78	78	64	0.8
Mara	691	530	402	529	1.3	59	59	59	82	1.4
Manyara	21,181	31,966	29,890	35,221	1.2	1,485	1,522	1,429	687	0.5
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	194	235	235	62	0.3
Simiyu	1,144	312	312	345	1.1	196	238	238	260	1.1
Geita	3,513	1,645	1,556	1,840	1.2	503	24	24	16	0.7
Songwe	1,188	473	473	462	1.0	6,963	11,327	10,281	6,926	0.7
<b>Mainland Tanzania</b>	<b>110,335</b>	<b>70,505</b>	<b>65,311</b>	<b>81,276</b>	<b>1.2</b>	<b>56,097</b>	<b>41,896</b>	<b>36,998</b>	<b>21,783</b>	<b>0.6</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>110,335</b>	<b>70,505</b>	<b>65,311</b>	<b>81,276</b>	<b>1.2</b>	<b>56,097</b>	<b>41,896</b>	<b>36,998</b>	<b>21,783</b>	<b>0.6</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Groundnut					Soyabeans				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	204	83	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	6,376	1,110	1,103	1,763	1.6	205	21	21	38	1.8
Tanga	3,483	1,372	1,372	2,052	1.5	282	342	342	572	1.7
Morogoro	7,477	3,444	3,094	4,161	1.3	-	-	-	-	-
Pwani	1,509	249	220	645	2.9	148	30	2	1	0.5
Dar es Salaam	3,234	654	404	996	2.5	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	140	28	28	42	1.5	-	-	-	-	-
Ruvuma	2,511	613	613	806	1.3	8,551	4,520	3,790	5,560	1.5
Iringa	1,583	279	279	407	1.5	-	-	-	-	-
Mbeya	15,039	4,405	3,946	5,296	1.3	225	91	91	108	1.2
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	33,190	16,890	14,924	21,038	1.4	-	-	-	-	-
Rukwa	589	238	238	647	2.7	-	-	-	-	-
Kigoma	3,372	1,042	955	1,587	1.7	-	-	-	-	-
Shinyanga	8,650	4,533	3,587	4,999	1.4	-	-	-	-	-
Kagera	37,652	7,831	6,934	9,853	1.4	563	228	228	419	1.8
Mwanza	49,239	12,688	12,055	16,111	1.3	-	-	-	-	-
Mara	1,559	382	338	522	1.5	181	18	18	33	1.8
Manyara	2,246	5,399	5,399	9,263	1.7	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	194	157	157	232	1.5	-	-	-	-	-
Simiyu	6,198	2,258	1,919	2,566	1.3	-	-	-	-	-
Geita	99,549	39,945	36,401	49,602	1.4	-	-	-	-	-
Songwe	4,810	1,308	1,235	1,919	1.6	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>288,804</b>	<b>104,909</b>	<b>95,200</b>	<b>134,506</b>	<b>1.4</b>	<b>10,155</b>	<b>5,250</b>	<b>4,491</b>	<b>6,730</b>	<b>1.5</b>
Kaskazini Unguja	219	15	15	14	1.0	-	-	-	-	-
Kusini Unguja	184	37	19	11	0.6	-	-	-	-	-
Mjini Magharibi	338	39	39	9	0.2	-	-	-	-	-
Kaskazini Pemba	526	256	256	179	0.7	-	-	-	-	-
Kusini Pemba	3,926	633	570	362	0.6	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>5,193</b>	<b>979</b>	<b>898</b>	<b>575</b>	<b>0.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>293,997</b>	<b>105,889</b>	<b>96,098</b>	<b>135,081</b>	<b>1.4</b>	<b>10,155</b>	<b>5,250</b>	<b>4,491</b>	<b>6,730</b>	<b>1.5</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Cotton					Roselle				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	13,434	19,679	16,759	25,212	1.5	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	3,691	5,146	2,772	4,174	1.5	-	-	-	-	-
Kagera	2,043	1,316	1,316	2,009	1.5	-	-	-	-	-
Mwanza	27,057	22,767	13,440	17,585	1.3	-	-	-	-	-
Mara	17,604	14,308	10,356	14,941	1.4	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	21,048	24,723	15,980	23,454	1.5	-	-	-	-	-
Geita	36,041	30,197	24,322	34,678	1.4	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>120,918</b>	<b>118,135</b>	<b>84,944</b>	<b>122,051</b>	<b>1.4</b>	-	-	-	-	-
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	-	-	-	-	-	-	-	-	-	-
<b>Tanzania</b>	<b>120,918</b>	<b>118,135</b>	<b>84,944</b>	<b>122,051</b>	<b>1.4</b>	-	-	-	-	-

**Con Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Cabbage					Spinach				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	589	40	40	236	5.8
Arusha	814	96	82	307	3.7	1,271	138	81	833	10.3
Kilimanjaro	490	113	113	4,040	35.9	696	56	52	248	4.8
Tanga	1,955	743	613	8,904	14.5	2,068	161	140	74	0.5
Morogoro	155	63	63	1,159	18.5	173	17	17	95	5.5
Pwani	114	46	46	148	3.2	1,132	177	135	1,181	8.8
Dar es Salaam	-	-	-	-	-	12,612	928	544	4,318	7.9
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	80	81	-	-	-	-	-	-	-	-
Ruvuma	923	138	132	2,493	19.0	2,850	252	209	277	1.3
Iringa	854	23	-	-	-	2,933	150	55	122	2.2
Mbeya	519	158	53	234	4.4	1,461	193	174	1,377	7.9
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	149	30	30	372	12.4
Kigoma	1,131	129	129	3,184	24.7	449	23	23	606	25.8
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	1,590	70	70	271	3.9	717	72	59	22	0.4
Mwanza	-	-	-	-	-	812	61	61	281	4.6
Mara	-	-	-	-	-	354	49	45	566	12.5
Manyara	-	-	-	-	-	167	68	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	177	72	72	354	4.9	250	13	13	7	0.6
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>8,802</b>	<b>1,730</b>	<b>1,371</b>	<b>21,094</b>	<b>15.4</b>	<b>28,683</b>	<b>2,429</b>	<b>1,678</b>	<b>10,615</b>	<b>6.3</b>
Kaskazini Unguja	-	-	-	-	-	121	12	6	1	0.2
Kusini Unguja	-	-	-	-	-	113	14	14	6	0.4
Mjini Magharibi	44	2	2	2	1.1	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>44</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.1</b>	<b>234</b>	<b>26</b>	<b>20</b>	<b>7</b>	<b>0.3</b>
<b>Tanzania</b>	<b>8,846</b>	<b>1,732</b>	<b>1,373</b>	<b>21,096</b>	<b>16</b>	<b>28,917</b>	<b>2,456</b>	<b>1,698</b>	<b>10,621</b>	<b>7</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Carrot					Chilies				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	488	49	-	-	-
Arusha	505	166	166	1,259	7.6	-	-	-	-	-
Kilimanjaro	2,784	1,070	1,005	8,613	8.6	-	-	-	-	-
Tanga	593	215	88	584	6.6	3,978	983	840	2,853	3.4
Morogoro	-	-	-	-	-	400	162	110	230	2.1
Pwani	-	-	-	-	-	161	16	-	-	-
Dar es Salaam	-	-	-	-	-	1,610	244	228	288	1.3
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	252	8	-	-	-	775	128	22	66	3.0
Mbeya	294	119	119	162	1.4	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	824	108	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	557	13	13	111	8.3	409	41	41	114	2.8
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	250	51	51	95	1.9
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>4,985</b>	<b>1,590</b>	<b>1,391</b>	<b>10,729</b>	<b>7.7</b>	<b>8,895</b>	<b>1,782</b>	<b>1,293</b>	<b>3,647</b>	<b>2.8</b>
Kaskazini Unguja	-	-	-	-	-	181	18	15	92	6.0
Kusini Unguja	-	-	-	-	-	516	105	98	1,223	12.4
Mjini Magharibi	351	10	2	45	18.6	142	3	3	20	6.1
Kaskazini Pemba	-	-	-	-	-	201	16	11	32	2.9
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>351</b>	<b>10</b>	<b>2</b>	<b>45</b>	<b>18.6</b>	<b>1,040</b>	<b>142</b>	<b>128</b>	<b>1,366</b>	<b>10.7</b>
<b>Tanzania</b>	<b>5,336</b>	<b>1,600</b>	<b>1,393</b>	<b>10,774</b>	<b>26</b>	<b>9,935</b>	<b>1,924</b>	<b>1,420</b>	<b>5,013</b>	<b>3.5</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Amaranth					Pumpkins				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	355	25	25	307	12.1	143	116	-	-	-
Kilimanjaro	576	106	19	37	2.0	-	-	-	-	-
Tanga	2,716	244	132	234	1.8	193	4	4	28	7.0
Morogoro	-	-	-	-	-	307	31	-	-	-
Pwani	735	67	52	19	0.4	3,032	336	242	1,535	6.3
Dar es Salaam	16,448	1,635	1,582	11,987	7.6	2,723	106	96	513	5.3
Lindi	312	63	63	2	0.0	-	-	-	-	-
Mtwara	80	81	81	8	0.1	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	1,157	34	5	9	1.8	1,348	144	144	883	6.1
Mbeya	589	59	40	160	4.0	519	42	-	-	-
Singida	148	15	-	-	-	-	-	-	-	-
Tabora	1,371	128	40	24	0.6	250	25	25	162	6.4
Rukwa	124	38	38	593	15.8	-	-	-	-	-
Kigoma	-	-	-	-	-	318	6	6	44	6.8
Shinyanga	-	-	-	-	-	141	14	14	94	6.6
Kagera	2,946	148	99	494	5.0	-	-	-	-	-
Mwanza	2,542	189	155	384	2.5	2,430	356	122	1,264	10.3
Mara	153	247	247	611	2.5	-	-	-	-	-
Manyara	-	-	-	-	-	2,596	504	481	3,489	7.3
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	1,083	60	60	121	2.0	250	17	17	110	6.5
Songwe	-	-	-	-	-	553	56	-	-	-
<b>Mainland Tanzania</b>	<b>31,335</b>	<b>3,142</b>	<b>2,639</b>	<b>14,989</b>	<b>5.7</b>	<b>14,803</b>	<b>1,759</b>	<b>1,152</b>	<b>8,121</b>	<b>7.0</b>
Kaskazini Unguja	1,438	136	133	567	4.3	978	180	121	871	7.2
Kusini Unguja	1,192	187	170	892	5.3	878	177	177	1,164	6.6
Mjini Magharibi	2,060	210	210	1,037	4.9	865	49	12	74	6.3
Kaskazini Pemba	429	85	75	357	4.8	291	32	8	50	5.8
Kusini Pemba	1,234	115	95	396	4.2	156	1	1	19	23.1
<b>Tanzania Zanzibar</b>	<b>6,353</b>	<b>733</b>	<b>683</b>	<b>3,249</b>	<b>4.8</b>	<b>3,168</b>	<b>438</b>	<b>319</b>	<b>2,177</b>	<b>6.8</b>
<b>Tanzania</b>	<b>37,688</b>	<b>3,875</b>	<b>3,322</b>	<b>18,238</b>	<b>5.5</b>	<b>17,971</b>	<b>2,197</b>	<b>1,471</b>	<b>10,298</b>	<b>7.0</b>



**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Cucumber					Egg Plant				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	142	14	14	192	13.5
Kilimanjaro	336	68	68	403	5.9	250	51	51	720	14.2
Tanga	541	45	17	214	12.3	215	15	15	135	9.2
Morogoro	-	-	-	-	-	444	62	62	240	3.9
Pwani	-	-	-	-	-	161	16	-	-	-
Dar es Salaam	1,717	174	174	1,070	6.2	-	-	-	-	-
Lindi	-	-	-	-	-	312	51	51	320	6.3
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	175	18	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	313	63	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	160	16	16	93	5.7
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	296	30	30	445	14.8
Geita	250	17	17	37	2.2	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>3,157</b>	<b>367</b>	<b>276</b>	<b>1,725</b>	<b>6.3</b>	<b>2,155</b>	<b>272</b>	<b>238</b>	<b>2,145</b>	<b>9.0</b>
Kaskazini Unguja	1,039	344	276	778	2.8	1,351	149	144	832	5.8
Kusini Unguja	178	31	19	40	2.1	954	161	123	773	6.3
Mjini Magharibi	936	135	135	607	4.5	933	78	78	590	7.6
Kaskazini Pemba	106	11	11	106	10.0	534	60	49	266	5.5
Kusini Pemba	300	76	76	115	1.5	1,073	100	78	577	7.4
<b>Tanzania Zanzibar</b>	<b>2,559</b>	<b>597</b>	<b>517</b>	<b>1,646</b>	<b>3.2</b>	<b>4,845</b>	<b>548</b>	<b>471</b>	<b>3,038</b>	<b>6.5</b>
<b>Tanzania</b>	<b>5,716</b>	<b>964</b>	<b>793</b>	<b>3,371</b>	<b>4.3</b>	<b>7,000</b>	<b>820</b>	<b>708</b>	<b>5,183</b>	<b>7.3</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Watermelon					Cauliflower				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	259	53	26	259	9.9
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	196	61	61	53	0.9	-	-	-	-	-
Morogoro	858	494	134	565	4.2	-	-	-	-	-
Pwani	555	299	149	1,106	7.4	-	-	-	-	-
Dar es Salaam	6,904	5,190	1,290	17,200	13.3	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	140	14	14	3	0.2	-	-	-	-	-
Iringa	391	79	-	-	-	-	-	-	-	-
Mbeya	322	130	-	-	-	-	-	-	-	-
Singida	713	289	-	-	-	-	-	-	-	-
Tabora	1,150	444	174	2,189	12.6	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	157	127	-	-	-	-	-	-	-	-
Kagera	346	70	-	-	-	-	-	-	-	-
Mwanza	480	322	322	4,832	15.0	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	124	50	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	1,571	1,017	647	11,033	17.0	705	394	285	141	0.5
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>13,907</b>	<b>8,586</b>	<b>2,792</b>	<b>36,981</b>	<b>13.2</b>	<b>964</b>	<b>447</b>	<b>312</b>	<b>401</b>	<b>1.3</b>
Kaskazini Unguja	888	464	247	3,380	13.7	-	-	-	-	-
Kusini Unguja	447	92	81	1,485	18.3	-	-	-	-	-
Mjini Magharibi	791	789	244	4,512	18.5	-	-	-	-	-
Kaskazini Pemba	299	60	30	409	13.5	-	-	-	-	-
Kusini Pemba	375	64	17	336	19.3	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2,800</b>	<b>1,469</b>	<b>620</b>	<b>10,122</b>	<b>16.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>16,707</b>	<b>10,055</b>	<b>3,412</b>	<b>47,103</b>	<b>13.8</b>	<b>964</b>	<b>447</b>	<b>312</b>	<b>401</b>	<b>1.3</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Okra					Coriander				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	488	197	197	879	4.5	-	-	-	-	-
Arusha	186	38	38	465	12.3	-	-	-	-	-
Kilimanjaro	529	127	127	578	4.6	-	-	-	-	-
Tanga	2,907	386	374	2,147	5.7	-	-	-	-	-
Morogoro	548	134	134	783	5.8	-	-	-	-	-
Pwani	2,615	507	249	1,136	4.6	-	-	-	-	-
Dar es Salaam	15,049	2,717	2,568	12,951	5.0	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	401	32	32	146	4.5	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	250	25	25	121	4.8	-	-	-	-	-
Rukwa	286	58	58	257	4.4	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	153	15	15	75	4.9	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	174	4	4	70	19.2	-	-	-	-	-
Mara	185	19	19	86	4.6	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	322	32	32	154	4.8	-	-	-	-	-
Songwe	553	56	34	155	4.6	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>24,646</b>	<b>4,347</b>	<b>3,907</b>	<b>20,003</b>	<b>5.1</b>	-	-	-	-	-
Kaskazini Unguja	1,376	161	144	671	4.7	-	-	-	-	-
Kusini Unguja	1,150	180	110	697	6.3	-	-	-	-	-
Mjini Magharibi	2,927	690	620	9,053	14.6	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	831	74	69	324	4.7	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>6,284</b>	<b>1,105</b>	<b>943</b>	<b>10,746</b>	<b>11.4</b>	-	-	-	-	-
<b>Tanzania</b>	<b>30,930</b>	<b>5,452</b>	<b>4,850</b>	<b>30,749</b>	<b>6.3</b>	-	-	-	-	-

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Green beans					Tomatoes				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	3,490	2,242	2,200	17,264	7.8
Arusha	-	-	-	-	-	2,779	896	674	13,348	19.8
Kilimanjaro	-	-	-	-	-	1,489	544	460	13,933	30.3
Tanga	-	-	-	-	-	8,975	1,805	1,338	7,047	5.3
Morogoro	-	-	-	-	-	2,502	907	861	4,325	5.0
Pwani	-	-	-	-	-	876	268	188	629	3.4
Dar es Salaam	-	-	-	-	-	6,236	1,682	1,259	28,448	22.6
Lindi	-	-	-	-	-	1,085	329	329	4,339	13.2
Mtwara	-	-	-	-	-	264	27	-	-	-
Ruvuma	-	-	-	-	-	2,455	535	398	2,662	6.7
Iringa	-	-	-	-	-	6,879	3,119	412	7,373	17.9
Mbeya	-	-	-	-	-	3,496	1,097	1,081	6,476	6.0
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	5,452	705	384	1,609	4.2
Rukwa	-	-	-	-	-	1,721	574	532	2,942	5.5
Kigoma	-	-	-	-	-	277	41	41	692	16.8
Shinyanga	-	-	-	-	-	575	97	97	707	7.3
Kagera	-	-	-	-	-	5,373	911	640	3,747	5.9
Mwanza	-	-	-	-	-	2,438	432	432	4,610	10.7
Mara	-	-	-	-	-	916	230	230	302	1.3
Manyara	-	-	-	-	-	859	144	144	1,718	12.0
Njombe	-	-	-	-	-	124	25	25	248	9.9
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	139	14	14	33	2.4
Geita	-	-	-	-	-	3,694	1,050	951	9,064	9.5
Songwe	-	-	-	-	-	569	261	204	17	0.1
<b>Mainland Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>62,663</b>	<b>17,934</b>	<b>12,893</b>	<b>131,537</b>	<b>10.2</b>
Kaskazini Unguja	-	-	-	-	-	2,979	449	386	2,309	6.0
Kusini Unguja	-	-	-	-	-	2,202	410	321	2,124	6.6
Mjini Magharibi	-	-	-	-	-	2,236	392	392	2,279	5.8
Kaskazini Pemba	-	-	-	-	-	169	17	8	44	5.2
Kusini Pemba	-	-	-	-	-	2,337	301	187	908	4.9
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,923</b>	<b>1,569</b>	<b>1,295</b>	<b>7,665</b>	<b>5.9</b>
<b>Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>72,586</b>	<b>19,503</b>	<b>14,188</b>	<b>139,201</b>	<b>9.8</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Bitter Tomato					Sweet/bell pepper				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	488	99	99	117	1.2	1,007	124	96	286	3.0
Arusha	575	147	147	523	3.6	-	-	-	-	-
Kilimanjaro	250	25	25	175	6.9	269	73	-	-	-
Tanga	1,211	198	198	431	2.2	695	60	60	32	0.5
Morogoro	1,210	321	321	672	2.1	390	91	78	98	1.3
Pwani	-	-	-	-	-	295	15	12	18	1.5
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	815	83	29	14	0.5	-	-	-	-	-
Iringa	663	116	27	199	7.5	-	-	-	-	-
Mbeya	834	118	33	316	9.5	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	445	50	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	427	43	43	427	9.9	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	2,985	323	236	669	2.8	557	13	13	22	1.7
Mwanza	-	-	-	-	-	234	47	47	352	7.4
Mara	53	21	21	58	2.7	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	296	30	30	71	2.4	-	-	-	-	-
Geita	218	11	11	17	1.5	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>10,470</b>	<b>1,587</b>	<b>1,221</b>	<b>3,690</b>	<b>3.0</b>	<b>3,447</b>	<b>424</b>	<b>307</b>	<b>807</b>	<b>2.6</b>
Kaskazini Unguja	662	88	57	99	1.7	55	3	3	19	6.8
Kusini Unguja	521	77	44	68	1.6	-	-	-	-	-
Mjini Magharibi	1,194	85	85	179	2.1	51	11	11	75	7.1
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	150	8	8	60	7.8	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2,527</b>	<b>259</b>	<b>194</b>	<b>406</b>	<b>2.1</b>	<b>106</b>	<b>13</b>	<b>13</b>	<b>94</b>	<b>7.1</b>
<b>Tanzania</b>	<b>12,997</b>	<b>1,845</b>	<b>1,415</b>	<b>4,095</b>	<b>2.9</b>	<b>3,553</b>	<b>437</b>	<b>320</b>	<b>901</b>	<b>2.8</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Squash					Sweet potato leaves				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	439	50	38	112	3.0
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	1,741	149	149	2,042	13.7
Dar es Salaam	-	-	-	-	-	28,252	1,551	1,204	12,981	10.8
Lindi	-	-	-	-	-	105	42	42	38	0.9
Mtwara	-	-	-	-	-	97	5	5	2	0.4
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	136	6	6	4	0.7
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	499	76	51	129	2.5
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	523	21	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31,792</b>	<b>1,900</b>	<b>1,495</b>	<b>15,309</b>	<b>10.2</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	69	2	2	2	0.7
Mjini Magharibi	-	-	-	-	-	1,802	173	168	107	0.6
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	182	1	1	29	36.0
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,053</b>	<b>176</b>	<b>171</b>	<b>138</b>	<b>0.8</b>
<b>Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>33,845</b>	<b>2,077</b>	<b>1,665</b>	<b>15,447</b>	<b>9.3</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Mnavu/Mnafu					Figiri/sukuma wiki				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	589	38	38	472	12.4	-	-	-	-	-
Arusha	1,486	188	188	279	1.5	416	38	19	4	0.2
Kilimanjaro	441	61	27	4	0.1	400	58	23	241	10.6
Tanga	536	46	46	136	2.9	-	-	-	-	-
Morogoro	-	-	-	-	-	173	17	17	39	2.2
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	505	51	25	4	0.2	1,618	88	30	18	0.6
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	124	38	38	408	10.8
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	178	36	36	1	0.0
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>3,557</b>	<b>384</b>	<b>324</b>	<b>894</b>	<b>2.8</b>	<b>2,909</b>	<b>276</b>	<b>163</b>	<b>711</b>	<b>4.4</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>3,557</b>	<b>384</b>	<b>324</b>	<b>894</b>	<b>2.8</b>	<b>2,909</b>	<b>276</b>	<b>163</b>	<b>711</b>	<b>4.4</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Brocol					Pumpkin Leaves				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	389	79	53	248	4.7	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>389</b>	<b>79</b>	<b>53</b>	<b>248</b>	<b>4.7</b>	-	-	-	-	-
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>389</b>	<b>79</b>	<b>53</b>	<b>248</b>	<b>4.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>



**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Majani ya Kunde					Seaweed				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	217	17	11	16	1.5
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>217</b>	<b>17</b>	<b>11</b>	<b>16</b>	<b>1.5</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	140	39	39	315	8.0
Mjini Magharibi	-	-	-	-	-	48	19	19	128	6.6
Kaskazini Pemba	-	-	-	-	-	1,795	266	262	2,300	8.8
Kusini Pemba	-	-	-	-	-	427	72	72	538	7.5
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,410</b>	<b>397</b>	<b>393</b>	<b>3,280</b>	<b>8.3</b>
<b>Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,627</b>	<b>414</b>	<b>404</b>	<b>3,296</b>	<b>8.2</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Tobacco					Pyrethrum				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	986	798	798	246	0.3	-	-	-	-	-
Mbeya	1,766	2,914	2,914	3,541	1.2	1,692	317	263	190	0.7
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	2,355	1,355	1,329	1,303	1.0	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	678	68	68	68	1.0	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	162	164	164	243	1.5	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	241	195	195	311	1.6	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	572	463	463	680	1.5	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>6,760</b>	<b>5,958</b>	<b>5,932</b>	<b>6,392</b>	<b>1.1</b>	<b>1,692</b>	<b>317</b>	<b>263</b>	<b>190</b>	<b>0.7</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>6,760</b>	<b>5,958</b>	<b>5,932</b>	<b>6,392</b>	<b>1.1</b>	<b>1,692</b>	<b>317</b>	<b>263</b>	<b>190</b>	<b>0.7</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Olive					Green Tomato				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	774	16	16	16	1.0	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	277	224	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,051</b>	<b>240</b>	<b>16</b>	<b>16</b>	<b>1.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>1,051</b>	<b>240</b>	<b>16</b>	<b>16</b>	<b>1.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Lemon Grass					Other Crops				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	350	75	75	1,011	13.5
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	173	17	17	69	4.0
Pwani	328	93	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	505	51	-	-	-
Mbeya	-	-	-	-	-	225	136	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	124	38	38	1,301	34.6
Kigoma	-	-	-	-	-	487	49	49	12	0.2
Shinyanga	-	-	-	-	-	95	19	19	2	0.1
Kagera	-	-	-	-	-	207	335	335	3,127	9.3
Mwanza	427	40	35	36	1.0	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	234	189	189	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	121	24	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>755</b>	<b>133</b>	<b>35</b>	<b>36</b>	<b>1.0</b>	<b>2,521</b>	<b>934</b>	<b>722</b>	<b>5,523</b>	<b>7.6</b>
Kaskazini Unguja	-	-	-	-	-	67	7	7	23	3.4
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	43	4	4	43	9.8
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	158	16	16	285	17.6
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>268</b>	<b>28</b>	<b>28</b>	<b>352</b>	<b>12.8</b>
<b>Tanzania</b>	<b>755</b>	<b>133</b>	<b>35</b>	<b>36</b>	<b>1.0</b>	<b>2,789</b>	<b>961</b>	<b>749</b>	<b>5,874</b>	<b>7.8</b>

**Cont .... Table 3.17: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT RAINY SEASON**

Region	Strawberry				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-
Arusha	130	13	13	8	0.6
Kilimanjaro	-	-	-	-	-
Tanga	-	-	-	-	-
Morogoro	-	-	-	-	-
Pwani	-	-	-	-	-
Dar es Salaam	-	-	-	-	-
Lindi	-	-	-	-	-
Mtwara	-	-	-	-	-
Ruvuma	-	-	-	-	-
Iringa	-	-	-	-	-
Mbeya	-	-	-	-	-
Singida	-	-	-	-	-
Tabora	-	-	-	-	-
Rukwa	-	-	-	-	-
Kigoma	-	-	-	-	-
Shinyanga	-	-	-	-	-
Kagera	-	-	-	-	-
Mwanza	-	-	-	-	-
Mara	-	-	-	-	-
Manyara	-	-	-	-	-
Njombe	-	-	-	-	-
Katavi	-	-	-	-	-
Simiyu	-	-	-	-	-
Geita	-	-	-	-	-
Songwe	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>130</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>0.6</b>
Kaskazini Unguja	-	-	-	-	-
Kusini Unguja	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-
Kusini Pemba	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>130</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>0.6</b>

**Table 3.18: Number of Agricultural Households Reporting Improved Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Improved Seed Use		NOT Using Improved Seed		Total Number of Households Planting in VULI	Total Planted Area in VULI (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	4,108	5,108	2,620	2,311	6,728	7,418
Arusha	45,755	25,579	24,908	20,914	70,663	46,493
Kilimanjaro	104,994	48,060	66,865	52,179	171,859	100,239
Tanga	82,257	55,699	175,890	182,618	258,147	238,316
Morogoro	26,963	21,012	185,658	199,388	212,621	220,400
Pwani	37,001	24,815	116,826	93,588	153,827	118,403
Dar es Salaam	72,017	39,694	105,324	107,713	177,341	147,407
Lindi	1,775	745	1,623	1,257	3,398	2,002
Mtwara	1,314	554	1,320	1,261	2,634	1,815
Ruvuma	23,736	26,879	46,841	72,315	70,577	99,194
Iringa	24,944	22,218	38,311	38,635	63,255	60,853
Mbeya	64,904	51,039	62,786	59,038	127,690	110,077
Singida	3,988	2,928	4,150	11,185	8,138	14,113
Tabora	44,408	55,681	39,917	130,891	84,325	186,572
Rukwa	3,132	1,397	11,397	8,365	14,529	9,762
Kigoma	7,957	1,850	57,910	24,989	65,867	26,839
Shinyanga	10,310	9,521	9,905	34,425	20,215	43,946
Kagera	38,574	17,520	348,827	266,250	387,401	283,770
Mwanza	151,690	103,820	207,934	366,500	359,624	470,319
Mara	53,684	48,689	119,876	152,182	173,560	200,871
Manyara	65,814	72,769	62,572	198,231	128,386	271,000
Njombe	-	-	362	322	362	322
Katavi	832	1,102	-	867	832	1,969
Simiyu	25,280	42,497	9,371	50,075	34,651	92,573
Geita	86,650	73,045	170,527	390,608	257,177	463,653
Songwe	12,212	19,117	23,652	31,619	35,864	50,736
<b>Mainland Tanzania</b>	<b>994,299</b>	<b>771,337</b>	<b>1,895,372</b>	<b>2,497,726</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	12,937	4,682	13,965	7,961	26,902	12,643
Kusini Unguja	4,030	1,191	9,591	4,306	13,621	5,496
Mjini Magharibi	18,149	6,650	9,989	7,011	28,138	13,661
Kaskazini Pemba	7,315	2,160	27,647	12,452	34,962	14,612
Kusini Pemba	4,265	926	45,190	19,320	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>46,696</b>	<b>15,609</b>	<b>106,382</b>	<b>51,049</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>1,040,995</b>	<b>786,945</b>	<b>2,001,754</b>	<b>2,548,775</b>	<b>3,042,749</b>	<b>3,335,720</b>

**Table 3.19: Number of Agricultural Households Reporting Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Local Seeds Use		NOT Using Local Seeds		Total Number of Households Planting in VULI	Total Planted Area in VULI (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	3,992	2,311	2,736	5,108	6,728	7,418
Arusha	40,536	19,800	30,127	26,693	70,663	46,493
Kilimanjaro	117,603	51,312	54,256	48,928	171,859	100,239
Tanga	213,334	180,694	44,813	57,622	258,147	238,316
Morogoro	195,877	198,428	16,744	21,972	212,621	220,400
Pwani	136,756	91,593	17,071	26,810	153,827	118,403
Dar es Salaam	123,659	99,845	53,682	47,563	177,341	147,407
Lindi	2,157	1,257	1,241	745	3,398	2,002
Mtwara	1,863	1,197	771	619	2,634	1,815
Ruvuma	58,982	70,836	11,595	28,358	70,577	99,194
Iringa	54,824	36,554	8,431	24,299	63,255	60,853
Mbeya	88,852	56,105	38,838	53,972	127,690	110,077
Singida	6,622	9,829	1,516	4,284	8,138	14,113
Tabora	72,005	125,350	12,320	61,223	84,325	186,572
Rukwa	11,793	7,858	2,736	1,904	14,529	9,762
Kigoma	63,882	24,494	1,985	2,345	65,867	26,839
Shinyanga	18,365	33,999	1,850	9,947	20,215	43,946
Kagera	382,230	256,880	5,171	26,890	387,401	283,770
Mwanza	331,699	360,669	27,925	109,650	359,624	470,319
Mara	146,693	150,292	26,867	50,579	173,560	200,871
Manyara	106,467	188,977	21,919	82,023	128,386	271,000
Njombe	362	222	-	100	362	322
Katavi	398	867	434	1,102	832	1,969
Simiyu	29,534	48,623	5,117	43,949	34,651	92,573
Geita	248,542	386,435	8,635	77,218	257,177	463,653
Songwe	27,831	30,232	8,033	20,504	35,864	50,736
<b>Mainland Tanzania</b>	<b>2,484,858</b>	<b>2,434,658</b>	<b>404,813</b>	<b>834,404</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	18,696	6,907	8,206	5,736	26,902	12,643
Kusini Unguja	11,422	3,722	2,199	1,774	13,621	5,496
Mjini Magharibi	18,037	6,643	10,101	7,018	28,138	13,661
Kaskazini Pemba	27,275	11,549	7,687	3,064	34,962	14,612
Kusini Pemba	36,542	13,867	12,913	6,379	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>111,972</b>	<b>44,099</b>	<b>20,946</b>	<b>26,883</b>	<b>85,319</b>	<b>70,981</b>
<b>Tanzania</b>	<b>2,596,830</b>	<b>2,478,757</b>	<b>425,759</b>	<b>861,287</b>	<b>2,974,990</b>	<b>3,340,044</b>

**Table 3.20: Number of Agricultural Households Reporting Both Improved and Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Both Improved and Local Seeds Use		NOT Using Both Improved and Local Seeds		Total Number of Households Planting in VULI	Total Planted Area in VULI
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	-	-	6,728	7,418	6,728	7,418
Arusha	618	594	70,045	45,899	70,663	46,493
Kilimanjaro	2,169	696	169,690	99,543	171,859	100,239
Tanga	2,758	1,700	255,389	236,616	258,147	238,316
Morogoro	998	517	211,623	219,883	212,621	220,400
Pwani	2,815	1,559	151,012	116,844	153,827	118,403
Dar es Salaam	2,820	7,558	174,521	139,849	177,341	147,407
Lindi	-	-	3,398	2,002	3,398	2,002
Mtwara	-	-	2,634	1,815	2,634	1,815
Ruvuma	1,253	1,072	69,324	98,122	70,577	99,194
Iringa	1,230	1,992	62,025	58,861	63,255	60,853
Mbeya	3,112	2,669	124,578	107,408	127,690	110,077
Singida	398	643	7,740	13,469	8,138	14,113
Tabora	3,802	4,153	80,523	182,420	84,325	186,572
Rukwa	644	467	13,885	9,295	14,529	9,762
Kigoma	905	390	64,962	26,449	65,867	26,839
Shinyanga	339	335	19,876	43,611	20,215	43,946
Kagera	7,436	6,046	379,965	277,724	387,401	283,770
Mwanza	7,074	4,440	352,550	465,879	359,624	470,319
Mara	1,414	1,393	172,146	199,478	173,560	200,871
Manyara	5,105	7,006	123,281	263,994	128,386	271,000
Njombe	-	-	362	322	362	322
Katavi	-	-	832	1,969	832	1,969
Simiyu	1,014	996	33,637	91,577	34,651	92,573
Geita	4,744	3,384	252,433	460,268	257,177	463,653
Songwe	1,956	1,388	33,908	49,348	35,864	50,736
<b>Mainland Tanzania</b>	<b>52,604</b>	<b>48,998</b>	<b>2,837,067</b>	<b>3,220,065</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	3,986	1,036	22,916	11,607	26,902	12,643
Kusini Unguja	1,428	499	12,193	4,997	13,621	5,496
Mjini Magharibi	1,106	228	27,032	13,433	28,138	13,661
Kaskazini Pemba	2,517	877	32,445	13,736	34,962	14,612
Kusini Pemba	13,606	5,436	35,849	14,810	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>22,643</b>	<b>8,075</b>	<b>130,435</b>	<b>58,583</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>75,247</b>	<b>57,073</b>	<b>2,967,502</b>	<b>3,278,648</b>	<b>3,042,749</b>	<b>3,335,720</b>



**Table 3.21: Number of Agricultural Households Reporting Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Fertilizer Use		NOT Using Fertilizers		Total Number of Households Planting in VULI	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	4,045	3,202	2,683	4,216	6,728	7,418
Arusha	34,687	16,235	35,976	30,258	70,663	46,493
Kilimanjaro	112,223	49,597	59,636	50,643	171,859	100,239
Tanga	58,528	27,104	199,619	211,212	258,147	238,316
Morogoro	25,370	20,410	187,251	199,990	212,621	220,400
Pwani	13,835	8,736	139,992	109,667	153,827	118,403
Dar es Salaam	77,539	30,866	99,802	116,541	177,341	147,407
Lindi	960	266	2,438	1,736	3,398	2,002
Mtwara	715	257	1,919	1,558	2,634	1,815
Ruvuma	57,007	63,845	13,570	35,348	70,577	99,194
Iringa	39,373	35,513	23,882	25,340	63,255	60,853
Mbeya	85,703	65,783	41,987	44,293	127,690	110,077
Singida	4,651	4,265	3,487	9,847	8,138	14,113
Tabora	33,354	27,151	50,971	159,422	84,325	186,572
Rukwa	2,627	1,367	11,902	8,395	14,529	9,762
Kigoma	34,932	10,146	30,935	16,693	65,867	26,839
Shinyanga	7,038	5,253	13,177	38,694	20,215	43,946
Kagera	47,173	21,699	340,228	262,071	387,401	283,770
Mwanza	114,799	85,529	244,825	384,791	359,624	470,319
Mara	54,704	42,932	118,856	157,939	173,560	200,871
Manyara	39,200	35,076	89,186	235,924	128,386	271,000
Njombe	124	151	238	172	362	322
Katavi	449	689	383	1,280	832	1,969
Simiyu	9,364	13,258	25,287	79,315	34,651	92,573
Geita	67,679	79,931	189,498	383,722	257,177	463,653
Songwe	18,973	18,001	16,891	32,735	35,864	50,736
<b>Mainland Tanzania</b>	<b>945,052</b>	<b>667,261</b>	<b>1,944,619</b>	<b>2,601,801</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	10,505	4,790	16,397	7,854	26,902	12,643
Kusini Unguja	6,204	1,730	7,417	3,766	13,621	5,496
Mjini Magharibi	16,350	5,250	11,788	8,411	28,138	13,661
Kaskazini Pemba	6,013	1,745	28,949	12,868	34,962	14,612
Kusini Pemba	5,890	1,165	43,565	19,081	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>44,962</b>	<b>14,679</b>	<b>108,116</b>	<b>51,979</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>990,014</b>	<b>681,941</b>	<b>2,052,735</b>	<b>2,653,780</b>	<b>3,042,749</b>	<b>3,335,720</b>

**Table 3.22: Number of Agricultural Households Reporting Organic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Organic Fertilizer Use		NOT Using Organic Fertilizer		Total Number of Households Planting VULI	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	2,050	1,110	4,678	6,308	6,728	7,418
Arusha	18,305	7,946	52,358	38,547	70,663	46,493
Kilimanjaro	45,912	13,474	125,947	86,765	171,859	100,239
Tanga	35,480	15,873	222,667	222,443	258,147	238,316
Morogoro	7,743	6,927	204,878	213,473	212,621	220,400
Pwani	7,845	3,348	145,982	115,055	153,827	118,403
Dar es Salaam	56,334	14,728	121,007	132,679	177,341	147,407
Lindi	105	42	3,293	1,959	3,398	2,002
Mtwara	408	88	2,226	1,728	2,634	1,815
Ruvuma	1,546	361	69,031	98,833	70,577	99,194
Iringa	8,927	14,450	54,328	46,403	63,255	60,853
Mbeya	16,400	8,941	111,290	101,136	127,690	110,077
Singida	3,204	3,103	4,934	11,009	8,138	14,113
Tabora	13,413	11,908	70,912	174,664	84,325	186,572
Rukwa	914	269	13,615	9,493	14,529	9,762
Kigoma	8,358	2,968	57,509	23,872	65,867	26,839
Shinyanga	4,470	3,531	15,745	40,415	20,215	43,946
Kagera	43,867	20,073	343,534	263,697	387,401	283,770
Mwanza	101,855	71,807	257,769	398,512	359,624	470,319
Mara	40,691	33,785	132,869	167,086	173,560	200,871
Manyara	34,740	29,875	93,646	241,125	128,386	271,000
Njombe	-	-	362	322	362	322
Katavi	-	-	832	1,969	832	1,969
Simiyu	8,539	12,176	26,112	80,397	34,651	92,573
Geita	60,218	71,842	196,959	391,811	257,177	463,653
Songwe	2,036	1,224	33,828	49,512	35,864	50,736
<b>Mainland Tanzania</b>	<b>523,360</b>	<b>349,849</b>	<b>2,366,311</b>	<b>2,919,213</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	6,997	2,663	19,905	9,980	26,902	12,643
Kusini Unguja	5,190	1,333	8,431	4,163	13,621	5,496
Mjini Magharibi	10,425	3,392	17,713	10,269	28,138	13,661
Kaskazini Pemba	3,457	837	31,505	13,775	34,962	14,612
Kusini Pemba	3,152	541	46,303	19,705	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>29,221</b>	<b>8,766</b>	<b>123,857</b>	<b>57,892</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>552,581</b>	<b>358,615</b>	<b>2,490,168</b>	<b>2,977,105</b>	<b>3,042,749</b>	<b>3,335,720</b>

**Table 3.23: Number of Agricultural Households Reporting Inorganic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Inorganic Fertilizer Use		NOT Using Inorganic Fertilizers		Total Number of Households Planting VULI	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	2,471	2,092	4,257	5,326	6,728	7,418
Arusha	16,702	8,289	53,961	38,204	70,663	46,493
Kilimanjaro	72,553	36,123	99,306	64,117	171,859	100,239
Tanga	28,534	11,231	229,613	227,085	258,147	238,316
Morogoro	17,628	13,483	194,993	206,917	212,621	220,400
Pwani	7,099	5,388	146,728	113,015	153,827	118,403
Dar es Salaam	23,856	16,138	153,485	131,269	177,341	147,407
Lindi	854	223	2,544	1,778	3,398	2,002
Mtwara	460	170	2,174	1,645	2,634	1,815
Ruvuma	56,016	63,484	14,561	35,710	70,577	99,194
Iringa	34,022	21,063	29,233	39,790	63,255	60,853
Mbeya	72,244	56,842	55,446	53,235	127,690	110,077
Singida	1,447	1,162	6,691	12,950	8,138	14,113
Tabora	20,981	15,242	63,344	171,330	84,325	186,572
Rukwa	1,713	1,098	12,816	8,664	14,529	9,762
Kigoma	27,272	7,179	38,595	19,660	65,867	26,839
Shinyanga	2,726	1,721	17,489	42,225	20,215	43,946
Kagera	3,877	1,626	383,524	282,144	387,401	283,770
Mwanza	16,947	13,722	342,677	456,598	359,624	470,319
Mara	14,582	9,147	158,978	191,724	173,560	200,871
Manyara	6,594	5,201	121,792	265,799	128,386	271,000
Njombe	124	151	238	172	362	322
Katavi	449	689	383	1,280	832	1,969
Simiyu	985	1,082	33,666	91,490	34,651	92,573
Geita	9,001	8,089	248,176	455,564	257,177	463,653
Songwe	16,937	16,777	18,927	33,959	35,864	50,736
<b>Mainland Tanzania</b>	<b>456,074</b>	<b>317,413</b>	<b>2,433,597</b>	<b>2,951,649</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	4,647	2,126	22,255	10,517	26,902	12,643
Kusini Unguja	1,427	396	12,194	5,100	13,621	5,496
Mjini Magharibi	7,442	1,858	20,696	11,803	28,138	13,661
Kaskazini Pemba	2,806	908	32,156	13,705	34,962	14,612
Kusini Pemba	2,896	624	46,559	19,621	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>19,218</b>	<b>5,913</b>	<b>133,860</b>	<b>60,745</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>475,292</b>	<b>323,326</b>	<b>2,567,457</b>	<b>3,012,394</b>	<b>3,042,749</b>	<b>3,335,720</b>

**Table 3.24: Number of Agricultural Households Reporting Herbicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Herbicides Use		NOT Using Herbicides		Total Number of Households Planting VULI	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	2,925	4,368	3,803	3,050	6,728	7,418
Arusha	9,931	6,295	60,732	40,198	70,663	46,493
Kilimanjaro	28,476	19,435	143,383	80,804	171,859	100,239
Tanga	8,657	6,062	249,490	232,254	258,147	238,316
Morogoro	32,019	28,652	180,602	191,748	212,621	220,400
Pwani	10,985	10,367	142,842	108,036	153,827	118,403
Dar es Salaam	23,455	51,368	153,886	96,039	177,341	147,407
Lindi	105	85	3,293	1,916	3,398	2,002
Mtwara	335	407	2,299	1,408	2,634	1,815
Ruvuma	5,170	5,941	65,407	93,253	70,577	99,194
Iringa	6,112	4,347	57,143	56,506	63,255	60,853
Mbeya	35,270	33,500	92,420	76,577	127,690	110,077
Singida	664	269	7,474	13,844	8,138	14,113
Tabora	4,522	6,274	79,803	180,298	84,325	186,572
Rukwa	1,369	818	13,160	8,944	14,529	9,762
Kigoma	4,304	908	61,563	25,932	65,867	26,839
Shinyanga	141	115	20,074	43,832	20,215	43,946
Kagera	22,346	13,058	365,055	270,712	387,401	283,770
Mwanza	6,807	6,508	352,817	463,811	359,624	470,319
Mara	1,628	1,728	171,932	199,143	173,560	200,871
Manyara	3,769	6,990	124,617	264,010	128,386	271,000
Njombe	-	-	362	322	362	322
Katavi	83	101	749	1,868	832	1,969
Simiyu	1,259	770	33,392	91,803	34,651	92,573
Geita	6,015	9,834	251,162	453,818	257,177	463,653
Songwe	5,254	9,724	30,610	41,012	35,864	50,736
<b>Mainland Tanzania</b>	<b>221,601</b>	<b>227,925</b>	<b>2,668,070</b>	<b>3,041,138</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	3,168	1,066	23,734	11,577	26,902	12,643
Kusini Unguja	1,348	483	12,273	5,013	13,621	5,496
Mjini Magharibi	3,126	1,629	25,012	12,032	28,138	13,661
Kaskazini Pemba	714	279	34,248	14,333	34,962	14,612
Kusini Pemba	1,041	240	48,414	20,006	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>9,397</b>	<b>3,696</b>	<b>143,681</b>	<b>62,962</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>230,998</b>	<b>231,621</b>	<b>2,811,751</b>	<b>3,104,099</b>	<b>3,042,749</b>	<b>3,335,720</b>

**Table 3.25: Number of Agricultural Households Reporting Fungicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Fungicides Use		NOT Using Fungicides		Total Number of Households Planting in VULI	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	2,647	3,805	4,081	3,613	6,728	7,418
Arusha	5,820	2,178	64,843	44,315	70,663	46,493
Kilimanjaro	25,791	13,583	146,068	86,656	171,859	100,239
Tanga	19,422	6,813	238,725	231,503	258,147	238,316
Morogoro	7,452	3,737	205,169	216,663	212,621	220,400
Pwani	6,625	4,125	147,202	114,278	153,827	118,403
Dar es Salaam	10,206	18,427	167,135	128,980	177,341	147,407
Lindi	1,397	552	2,001	1,449	3,398	2,002
Mtwara	317	128	2,317	1,687	2,634	1,815
Ruvuma	3,213	1,270	67,364	97,924	70,577	99,194
Iringa	8,071	1,979	55,184	58,874	63,255	60,853
Mbeya	18,144	10,409	109,546	99,668	127,690	110,077
Singida	-	-	8,138	14,113	8,138	14,113
Tabora	5,245	2,880	79,080	183,692	84,325	186,572
Rukwa	2,819	1,446	11,710	8,316	14,529	9,762
Kigoma	3,645	942	62,222	25,897	65,867	26,839
Shinyanga	907	525	19,308	43,421	20,215	43,946
Kagera	4,928	932	382,473	282,839	387,401	283,770
Mwanza	4,310	1,644	355,314	468,675	359,624	470,319
Mara	994	511	172,566	200,360	173,560	200,871
Manyara	5,145	3,147	123,241	267,853	128,386	271,000
Njombe	124	25	238	297	362	322
Katavi	124	50	708	1,919	832	1,969
Simiyu	139	14	34,512	92,558	34,651	92,573
Geita	5,068	1,769	252,109	461,883	257,177	463,653
Songwe	569	261	35,295	50,475	35,864	50,736
<b>Mainland Tanzania</b>	<b>143,122</b>	<b>81,154</b>	<b>2,746,549</b>	<b>3,187,908</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	1,497	737	25,405	11,906	26,902	12,643
Kusini Unguja	1,830	663	11,791	4,833	13,621	5,496
Mjini Magharibi	4,143	1,959	23,995	11,702	28,138	13,661
Kaskazini Pemba	505	100	34,457	14,513	34,962	14,612
Kusini Pemba	876	166	48,579	20,079	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>8,851</b>	<b>3,626</b>	<b>144,227</b>	<b>63,032</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>151,973</b>	<b>84,780</b>	<b>2,890,776</b>	<b>3,250,941</b>	<b>3,042,749</b>	<b>3,335,720</b>

**Table 3.26: Number of Agricultural Households Reporting Insecticides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - Short Rainy Season**

Region	Insecticides Use		NOT Using Insecticides		Total Number of Households Planting in VULI	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	4,499	4,625	2,229	2,794	6,728	7,418
Arusha	34,305	20,386	36,358	26,107	70,663	46,493
Kilimanjaro	110,335	59,146	61,524	41,093	171,859	100,239
Tanga	44,454	33,731	213,693	204,585	258,147	238,316
Morogoro	35,066	27,755	177,555	192,645	212,621	220,400
Pwani	25,617	17,716	128,210	100,687	153,827	118,403
Dar es Salaam	29,797	41,419	147,544	105,988	177,341	147,407
Lindi	1,502	618	1,896	1,384	3,398	2,002
Mtwara	1,551	967	1,083	849	2,634	1,815
Ruvuma	8,028	4,532	62,549	94,662	70,577	99,194
Iringa	25,723	17,271	37,532	43,582	63,255	60,853
Mbeya	40,687	31,085	87,003	78,992	127,690	110,077
Singida	531	175	7,607	13,938	8,138	14,113
Tabora	25,452	23,958	58,873	162,614	84,325	186,572
Rukwa	4,876	2,951	9,653	6,811	14,529	9,762
Kigoma	8,683	2,500	57,184	24,339	65,867	26,839
Shinyanga	3,613	3,876	16,602	40,070	20,215	43,946
Kagera	24,154	15,992	363,247	267,779	387,401	283,770
Mwanza	86,213	58,563	273,411	411,757	359,624	470,319
Mara	24,948	28,213	148,612	172,658	173,560	200,871
Manyara	29,801	34,030	98,585	236,970	128,386	271,000
Njombe	248	251	114	71	362	322
Katavi	325	590	507	1,380	832	1,969
Simiyu	18,143	28,047	16,508	64,525	34,651	92,573
Geita	66,275	64,000	190,902	399,653	257,177	463,653
Songwe	8,301	8,482	27,563	42,254	35,864	50,736
<b>Mainland Tanzania</b>	<b>663,127</b>	<b>530,877</b>	<b>2,226,544</b>	<b>2,738,185</b>	<b>2,889,671</b>	<b>3,269,062</b>
Kaskazini Unguja	5,240	2,052	21,662	10,591	26,902	12,643
Kusini Unguja	3,720	1,129	9,901	4,367	13,621	5,496
Mjini Magharibi	6,729	3,178	21,409	10,483	28,138	13,661
Kaskazini Pemba	2,623	645	32,339	13,967	34,962	14,612
Kusini Pemba	3,984	1,202	45,471	19,044	49,455	20,246
<b>Tanzania Zanzibar</b>	<b>22,296</b>	<b>8,205</b>	<b>130,782</b>	<b>58,453</b>	<b>153,078</b>	<b>66,658</b>
<b>Tanzania</b>	<b>685,423</b>	<b>539,082</b>	<b>2,357,326</b>	<b>2,796,638</b>	<b>3,042,749</b>	<b>3,335,720</b>

## **LONG RAINY SEASON**

**Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - LONG RAINY SEASON**

Region	Maize					Paddy				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	424,260	392,238	344,150	382,094	1.1	29,858	32,535	14,873	39,119	2.6
Arusha	152,747	122,901	96,604	173,535	1.8	1,378	290	242	1,074	4.4
Kilimanjaro	179,348	92,501	71,040	115,197	1.6	4,599	3,693	2,588	7,023	2.7
Tanga	274,433	203,091	182,756	205,966	1.1	10,150	7,851	4,275	8,172	1.9
Morogoro	126,496	86,860	63,963	76,735	1.2	204,017	275,745	233,522	507,189	2.2
Pwani	31,882	19,389	13,704	19,769	1.4	26,504	17,471	9,012	16,272	1.8
Dar es Salaam	31,680	39,176	36,323	60,915	1.7	26,674	27,535	21,085	39,352	1.9
Lindi	161,048	79,645	61,284	103,303	1.7	48,562	23,197	19,769	32,199	1.6
Mtwara	223,793	72,570	67,360	110,902	1.6	48,447	22,433	17,914	28,535	1.6
Ruvuma	245,748	200,118	194,046	364,247	1.9	89,737	49,694	45,616	86,444	1.9
Iringa	280,016	126,554	96,549	130,363	1.4	15,218	19,242	18,759	64,001	3.4
Mbeya	217,551	121,155	107,559	205,158	1.9	137,669	99,566	91,295	316,123	3.5
Singida	242,965	229,698	208,267	330,585	1.6	13,056	8,922	8,178	18,590	2.3
Tabora	282,956	306,468	266,092	337,048	1.3	192,014	215,767	181,309	251,031	1.4
Rukwa	214,644	220,586	204,080	333,357	1.6	32,087	31,577	28,782	85,883	3.0
Kigoma	448,862	130,160	126,359	172,227	1.4	34,508	21,718	15,269	40,293	2.6
Shinyanga	188,092	124,337	102,660	166,962	1.6	150,347	173,771	171,003	359,455	2.1
Kagera	158,710	47,377	41,134	58,195	1.4	9,629	3,888	3,888	9,743	2.5
Mwanza	30,357	16,431	12,653	17,552	1.4	26,587	21,444	20,270	41,861	2.1
Mara	103,046	74,287	58,668	88,797	1.5	6,632	3,990	3,133	6,406	2.0
Manyara	141,871	155,366	148,819	261,061	1.8	1,780	956	911	2,986	3.3
Njombe	161,805	108,573	83,677	167,021	2.0	2,408	1,643	1,620	7,162	4.4
Katavi	67,448	74,771	70,720	125,182	1.8	27,085	36,015	34,680	111,747	3.2
Simiyu	139,854	139,083	122,429	174,643	1.4	63,125	40,987	39,845	98,285	2.5
Geita	17,403	7,167	5,563	9,751	1.8	26,192	21,397	21,221	48,852	2.3
Songwe	224,997	190,492	161,858	311,446	1.9	42,166	33,860	23,941	47,287	2.0
<b>Mainland Tanzania</b>	<b>4,772,012</b>	<b>3,380,995</b>	<b>2,948,316</b>	<b>4,502,010</b>	<b>1.5</b>	<b>1,270,429</b>	<b>1,195,183</b>	<b>1,033,000</b>	<b>2,275,085</b>	<b>2.2</b>
Kaskazini Unguja	2,822	524	243	506	2.1	5,307	1,658	1,359	4,041	3.0
Kusini Unguja	761	175	76	153	2.0	2,497	721	519	934	1.8
Mjini Magharibi	1,615	508	332	877	2.6	15,868	4,620	2,822	6,090	2.2
Kaskazini Pemba	106	21	-	-	-	16,717	4,577	3,488	7,785	2.2
Kusini Pemba	1,883	291	107	97	0.9	37,219	13,134	9,531	14,519	1.5
<b>Tanzania Zanzibar</b>	<b>7,187</b>	<b>1,519</b>	<b>759</b>	<b>1,632</b>	<b>2.2</b>	<b>77,608</b>	<b>24,710</b>	<b>17,719</b>	<b>33,370</b>	<b>1.9</b>
<b>Tanzania</b>	<b>4,779,199</b>	<b>3,382,514</b>	<b>2,949,074</b>	<b>4,503,642</b>	<b>1.5</b>	<b>1,348,037</b>	<b>1,219,894</b>	<b>1,050,719</b>	<b>2,308,455</b>	<b>2.2</b>



**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Sorghum					Bulrush Millet				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	208,397	203,701	180,813	255,262	1.4	122,623	107,376	100,085	107,953	1.1
Arusha	3,978	1,662	1,468	1,866	1.3	-	-	-	-	-
Kilimanjaro	1,606	204	204	270	1.3	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	2,751	1,363	782	1,219	1.6	-	-	-	-	-
Pwani	577	148	148	174	1.2	-	-	-	-	-
Dar es Salaam	860	348	348	172	0.5	-	-	-	-	-
Lindi	50,553	25,621	22,496	30,631	1.4	-	-	-	-	-
Mtwara	17,203	5,168	4,463	6,022	1.3	-	-	-	-	-
Ruvuma	686	331	53	74	1.4	-	-	-	-	-
Iringa	2,661	1,710	1,586	2,462	1.6	-	-	-	-	-
Mbeya	1,673	1,055	781	755	1.0	-	-	-	-	-
Singida	84,354	59,393	46,760	64,213	1.4	29,604	26,952	22,184	26,347	1.2
Tabora	6,150	5,170	4,046	3,969	1.0	889	1,279	546	650	1.2
Rukwa	13,080	12,435	11,763	12,258	1.0	-	-	-	-	-
Kigoma	10,810	2,466	2,436	4,488	1.8	621	102	102	130	1.3
Shinyanga	18,043	17,082	14,982	18,429	1.2	4,371	3,512	2,693	2,492	0.9
Kagera	12,796	3,881	3,759	4,178	1.1	-	-	-	-	-
Mwanza	11,756	6,411	5,965	8,180	1.4	372	1,203	1,203	1,598	1.3
Mara	15,259	8,542	6,280	8,106	1.3	-	-	-	-	-
Manyara	9,544	6,613	6,268	7,561	1.2	2,460	1,641	1,623	1,486	0.9
Njombe	1,083	342	342	268	0.8	512	205	121	55	0.5
Katavi	886	1,458	1,248	1,670	1.3	-	-	-	-	-
Simiyu	23,128	24,955	23,125	27,965	1.2	-	-	-	-	-
Geita	3,589	2,269	2,269	1,836	0.8	712	205	193	221	1.1
Songwe	50,394	52,006	49,028	70,565	1.4	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>551,817</b>	<b>444,334</b>	<b>391,414</b>	<b>532,593</b>	<b>1.4</b>	<b>162,164</b>	<b>142,474</b>	<b>128,749</b>	<b>140,932</b>	<b>1.1</b>
Kaskazini Unguja	99	20	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	334	92	92	80	0.9	85	8	8	9	1.0
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>433</b>	<b>112</b>	<b>92</b>	<b>80</b>	<b>0.9</b>	<b>85</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>1.0</b>
<b>Tanzania</b>	<b>552,250</b>	<b>444,446</b>	<b>391,506</b>	<b>532,673</b>	<b>1.4</b>	<b>162,249</b>	<b>142,483</b>	<b>128,758</b>	<b>140,940</b>	<b>1.1</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Finger Millet					Wheat				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	10,977	5,249	4,794	5,420	1.1	-	-	-	-	-
Arusha	436	190	177	339	1.9	1,231	414	29	3	0.1
Kilimanjaro	1,755	414	369	556	1.5	550	2,912	2,873	1,065	0.4
Tanga	-	-	-	-	-	270	109	-	-	-
Morogoro	-	-	-	-	-	170	69	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	1,062	68,750	68,750	84,941	1.2
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	1,020	203	80	100	1.3	-	-	-	-	-
Ruvuma	3,576	1,319	1,319	1,276	1.0	9,584	3,956	667	565	0.8
Iringa	5,696	1,686	1,412	1,847	1.3	7,502	1,905	133	47	0.4
Mbeya	2,115	623	623	759	1.2	1,013	424	92	95	1.0
Singida	7,920	4,414	3,761	4,423	1.2	-	-	-	-	-
Tabora	825	906	906	1,234	1.4	-	-	-	-	-
Rukwa	9,154	6,889	6,802	8,608	1.3	2,604	2,051	1,643	1,622	1.0
Kigoma	1,516	226	226	186	0.8	-	-	-	-	-
Shinyanga	274	177	177	202	1.1	-	-	-	-	-
Kagera	421	170	42	30	0.7	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	771	283	144	166	1.2	-	-	-	-	-
Manyara	1,895	1,059	1,059	748	0.7	1,907	366	99	56	0.6
Njombe	1,989	601	572	761	1.3	18,751	7,369	1,926	1,052	0.5
Katavi	124	13	13	14	1.1	-	-	-	-	-
Simiyu	321	65	49	86	1.8	-	-	-	-	-
Geita	185	75	75	95	1.3	-	-	-	-	-
Songwe	5,853	2,435	1,532	1,685	1.1	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>56,823</b>	<b>26,997</b>	<b>24,131</b>	<b>28,535</b>	<b>1.2</b>	<b>44,644</b>	<b>88,325</b>	<b>76,212</b>	<b>89,446</b>	<b>1.2</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>56,823</b>	<b>26,997</b>	<b>24,131</b>	<b>28,535</b>	<b>1.2</b>	<b>44,644</b>	<b>88,325</b>	<b>76,212</b>	<b>89,446</b>	<b>1.2</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Barley					Cassava				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	19,659	6,678	352	2,725	7.7
Arusha	-	-	-	-	-	92	2	-	-	-
Kilimanjaro	-	-	-	-	-	1,466	275	217	1,544	7.1
Tanga	-	-	-	-	-	2,242	699	282	1,173	4.2
Morogoro	-	-	-	-	-	13,141	3,563	246	2,236	9.1
Pwani	-	-	-	-	-	17,058	5,028	1,527	11,592	7.6
Dar es Salaam	-	-	-	-	-	34,604	13,697	3,981	27,506	6.9
Lindi	-	-	-	-	-	63,310	21,748	11,576	113,087	9.8
Mtwara	-	-	-	-	-	200,152	60,380	36,756	370,506	10.1
Ruvuma	-	-	-	-	-	28,586	9,881	1,669	17,031	10.2
Iringa	-	-	-	-	-	3,121	603	130	592	4.5
Mbeya	143	58	15	14	1.0	6,036	1,134	285	1,982	6.9
Singida	-	-	-	-	-	7,412	3,446	233	1,596	6.8
Tabora	-	-	-	-	-	37,609	15,109	508	3,673	7.2
Rukwa	310	251	251	341	1.4	21,142	16,726	4,742	35,681	7.5
Kigoma	-	-	-	-	-	36,812	8,698	1,811	13,907	7.7
Shinyanga	-	-	-	-	-	28,528	12,483	1,422	11,156	7.8
Kagera	-	-	-	-	-	40,878	9,074	819	7,219	8.8
Mwanza	-	-	-	-	-	18,680	6,964	1,845	19,146	10.4
Mara	-	-	-	-	-	27,801	17,882	1,516	15,178	10.0
Manyara	-	-	-	-	-	251	203	-	-	-
Njombe	-	-	-	-	-	8,142	5,518	27	218	8.0
Katavi	-	-	-	-	-	2,223	881	-	-	-
Simiyu	-	-	-	-	-	2,409	1,323	164	730	4.4
Geita	-	-	-	-	-	4,689	2,567	215	2,338	10.9
Songwe	-	-	-	-	-	2,203	259	-	-	-
<b>Mainland Tanzania</b>	<b>453</b>	<b>308</b>	<b>265</b>	<b>355</b>	<b>1.3</b>	<b>628,246</b>	<b>224,820</b>	<b>70,323</b>	<b>660,816</b>	<b>9.4</b>
Kaskazini Unguja	-	-	-	-	-	18,949	3,669	1,025	6,334	6.2
Kusini Unguja	-	-	-	-	-	7,264	1,652	465	3,107	6.7
Mjini Magharibi	-	-	-	-	-	16,283	3,610	1,682	12,027	7.2
Kaskazini Pemba	-	-	-	-	-	27,484	6,375	378	2,709	7.2
Kusini Pemba	-	-	-	-	-	29,750	7,495	188	359	1.9
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>99,730</b>	<b>22,801</b>	<b>3,738</b>	<b>24,536</b>	<b>6.6</b>
<b>Tanzania</b>	<b>453</b>	<b>308</b>	<b>265</b>	<b>355</b>	<b>1.3</b>	<b>727,976</b>	<b>247,621</b>	<b>74,061</b>	<b>685,352</b>	<b>9.3</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Sweet potatoes					Irish potatoes				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	39,562	9,310	5,223	9,031	1.7	-	-	-	-	-
Arusha	269	46	-	-	-	4,066	1,595	1,220	4,525	3.7
Kilimanjaro	505	51	-	-	-	3,130	962	873	2,108	2.4
Tanga	5,355	1,046	546	1,473	2.7	19,080	4,837	3,199	8,496	2.7
Morogoro	7,005	2,134	1,255	2,283	1.8	-	-	-	-	-
Pwani	7,749	1,596	576	1,737	3.0	137	55	55	110	2.0
Dar es Salaam	2,261	438	185	182	1.0	1,510	3,055	3,055	6,190	2.0
Lindi	3,189	1,634	919	2,868	3.1	-	-	-	-	-
Mtwara	6,491	477	380	547	1.4	-	-	-	-	-
Ruvuma	6,787	1,769	1,430	5,193	3.6	222	23	23	22	1.0
Iringa	5,971	962	274	788	2.9	11,429	2,090	1,335	6,358	4.8
Mbeya	9,330	2,034	1,469	5,141	3.5	23,833	10,985	9,139	55,144	6.0
Singida	30,278	10,762	7,872	13,402	1.7	-	-	-	-	-
Tabora	81,500	35,552	29,312	55,624	1.9	-	-	-	-	-
Rukwa	8,922	2,934	1,892	5,196	2.7	799	266	58	108	1.9
Kigoma	9,867	994	898	1,649	1.8	905	91	91	192	2.1
Shinyanga	110,688	32,848	29,465	45,061	1.5	384	28	21	51	2.4
Kagera	36,096	6,333	4,702	8,615	1.8	5,253	2,334	1,925	3,971	2.1
Mwanza	82,266	25,527	17,285	30,016	1.7	-	-	-	-	-
Mara	8,511	2,727	1,802	2,527	1.4	283	115	115	85	0.7
Manyara	1,947	670	242	446	1.8	3,532	1,262	556	3,072	5.5
Njombe	1,294	215	152	375	2.5	23,972	12,286	8,316	48,987	5.9
Katavi	7,296	3,135	2,043	4,344	2.1	-	-	-	-	-
Simiyu	65,736	20,590	19,912	61,068	3.1	381	103	103	158	1.5
Geita	60,196	20,463	17,410	23,945	1.4	-	-	-	-	-
Songwe	5,824	1,610	807	756	0.9	777	266	219	1,795	8.2
<b>Mainland Tanzania</b>	<b>604,895</b>	<b>185,858</b>	<b>146,049</b>	<b>282,268</b>	<b>1.9</b>	<b>99,693</b>	<b>40,353</b>	<b>30,301</b>	<b>141,371</b>	<b>4.7</b>
Kaskazini Unguja	3,968	951	129	1,532	11.9	-	-	-	-	-
Kusini Unguja	1,875	409	115	1,069	9.3	55	11	-	-	-
Mjini Magharibi	5,204	856	402	3,679	9.2	-	-	-	-	-
Kaskazini Pemba	8,241	1,550	510	5,847	11.5	-	-	-	-	-
Kusini Pemba	2,386	237	2	26	10.7	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>21,674</b>	<b>4,003</b>	<b>1,158</b>	<b>12,153</b>	<b>10.5</b>	<b>55</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>626,569</b>	<b>189,860</b>	<b>147,207</b>	<b>294,421</b>	<b>2.0</b>	<b>99,748</b>	<b>40,364</b>	<b>30,301</b>	<b>141,371</b>	<b>4.7</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Yams					Cocoyams				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	599	212	-	-	-	-	-	-	-	-
Arusha	113	46	46	50	1.1	1,308	91	61	86	1.4
Kilimanjaro	516	72	72	124	1.7	6,160	509	255	344	1.3
Tanga	875	89	69	253	3.7	4,014	412	253	474	1.9
Morogoro	441	140	-	-	-	2,017	209	51	82	1.6
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	2,508	310	220	414	1.9	-	-	-	-	-
Ruvuma	-	-	-	-	-	400	40	39	92	2.4
Iringa	-	-	-	-	-	1,045	63	38	51	1.4
Mbeya	267	27	27	75	2.8	5,848	443	334	600	1.8
Singida	141	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	1,131	660	488	611	1.3	-	-	-	-	-
Kigoma	-	-	-	-	-	2,124	151	60	79	1.3
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	1,269	52	50	63	1.3	13,150	1,324	430	707	1.6
Mwanza	-	-	-	-	-	286	6	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	304	246	246	255	1.0	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	106	43	43	200	4.7	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	334	1,352	1,352	1,372	1.0	2,596	571	91	17	0.2
<b>Mainland Tanzania</b>	<b>8,604</b>	<b>3,249</b>	<b>2,613</b>	<b>3,416</b>	<b>1.3</b>	<b>38,948</b>	<b>3,818</b>	<b>1,613</b>	<b>2,531</b>	<b>1.6</b>
Kaskazini Unguja	1,558	243	89	129	1.5	396	34	15	23	1.6
Kusini Unguja	656	120	33	95	2.9	601	53	10	33	3.2
Mjini Magharibi	2,632	226	125	380	3.0	1,729	164	18	38	2.1
Kaskazini Pemba	-	-	-	-	-	296	15	13	18	1.4
Kusini Pemba	189	1	-	-	-	1,375	154	40	67	1.7
<b>Tanzania Zanzibar</b>	<b>5,035</b>	<b>589</b>	<b>247</b>	<b>605</b>	<b>2.4</b>	<b>4,397</b>	<b>421</b>	<b>97</b>	<b>178</b>	<b>1.8</b>
<b>Tanzania</b>	<b>13,639</b>	<b>3,838</b>	<b>2,860</b>	<b>4,021</b>	<b>1.4</b>	<b>43,345</b>	<b>4,240</b>	<b>1,709</b>	<b>2,709</b>	<b>1.6</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Onion					Ginger				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	6,915	3,880	2,240	7,965	3.6	-	-	-	-	-
Arusha	2,838	2,163	348	2,055	5.9	-	-	-	-	-
Kilimanjaro	563	1,363	-	-	-	909	289	26	209	7.9
Tanga	2,195	367	148	315	2.1	383	78	78	307	3.9
Morogoro	1,479	458	278	1,177	4.2	878	337	25	113	4.4
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	2,696	437	55	117	2.1	250	202	-	-	-
Mtwara	218	88	-	-	-	-	-	-	-	-
Ruvuma	2,808	352	19	4	0.2	662	156	112	221	2.0
Iringa	7,580	1,775	981	6,223	6.3	-	-	-	-	-
Mbeya	1,467	282	101	585	5.8	460	166	166	284	1.7
Singida	8,188	3,547	2,159	12,022	5.6	-	-	-	-	-
Tabora	2,630	637	412	1,976	4.8	-	-	-	-	-
Rukwa	1,083	364	156	484	3.1	-	-	-	-	-
Kigoma	2,296	273	177	175	1.0	1,277	219	116	836	7.2
Shinyanga	1,602	228	144	257	1.8	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	1,181	132	84	178	2.1	-	-	-	-	-
Mara	544	165	165	329	2.0	-	-	-	-	-
Manyara	2,184	2,007	1,444	3,817	2.6	-	-	-	-	-
Njombe	1,178	170	101	932	9.2	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	1,217	554	104	64	0.6	-	-	-	-	-
Geita	277	28	-	-	-	250	13	-	-	-
Songwe	958	194	194	450	2.3	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>52,097</b>	<b>19,464</b>	<b>9,310</b>	<b>39,125</b>	<b>4.2</b>	<b>5,069</b>	<b>1,460</b>	<b>523</b>	<b>1,969</b>	<b>3.8</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>52,097</b>	<b>19,464</b>	<b>9,310</b>	<b>39,125</b>	<b>4.2</b>	<b>5,069</b>	<b>1,460</b>	<b>523</b>	<b>1,969</b>	<b>3.8</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Garlic					Beans				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	27,528	11,144	7,176	4,860	0.7
Arusha	-	-	-	-	-	80,767	43,444	35,794	26,635	0.7
Kilimanjaro	-	-	-	-	-	81,191	23,748	19,080	13,792	0.7
Tanga	-	-	-	-	-	75,492	33,683	30,598	21,426	0.7
Morogoro	-	-	-	-	-	24,267	9,193	6,842	4,788	0.7
Pwani	-	-	-	-	-	652	322	301	163	0.5
Dar es Salaam	-	-	-	-	-	4,341	4,129	3,461	5,371	1.6
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	571	45	45	20	0.5
Ruvuma	288	29	-	-	-	63,054	31,887	29,887	18,260	0.6
Iringa	136	28	28	82	3.0	117,699	28,516	23,369	15,599	0.7
Mbeya	179	72	72	108	1.5	120,835	36,955	32,621	23,373	0.7
Singida	335	272	272	268	1.0	19,063	6,289	5,503	3,337	0.6
Tabora	-	-	-	-	-	16,199	4,185	3,034	1,752	0.6
Rukwa	-	-	-	-	-	90,657	64,941	56,562	40,679	0.7
Kigoma	294	30	30	53	1.8	345,816	73,432	69,682	48,032	0.7
Shinyanga	-	-	-	-	-	19,560	5,702	4,839	2,943	0.6
Kagera	-	-	-	-	-	239,138	55,008	44,100	31,909	0.7
Mwanza	428	87	87	128	1.5	5,926	2,066	1,845	1,292	0.7
Mara	-	-	-	-	-	5,111	1,995	1,525	1,414	0.9
Manyara	1,647	258	90	172	1.9	60,743	32,012	29,873	22,854	0.8
Njombe	-	-	-	-	-	48,476	20,400	18,950	13,814	0.7
Katavi	-	-	-	-	-	4,815	2,052	1,796	1,232	0.7
Simiyu	-	-	-	-	-	6,246	2,277	2,195	1,594	0.7
Geita	-	-	-	-	-	6,680	1,537	1,256	706	0.6
Songwe	-	-	-	-	-	61,043	24,841	22,397	15,931	0.7
<b>Mainland Tanzania</b>	<b>3,307</b>	<b>775</b>	<b>578</b>	<b>811</b>	<b>1.4</b>	<b>1,525,870</b>	<b>519,802</b>	<b>452,733</b>	<b>321,774</b>	<b>0.7</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>3,307</b>	<b>775</b>	<b>578</b>	<b>811</b>	<b>1.4</b>	<b>1,525,870</b>	<b>519,802</b>	<b>452,733</b>	<b>321,774</b>	<b>0.7</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Garlic					Beans				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	27,528	11,144	7,176	4,860	0.7
Arusha	-	-	-	-	-	80,767	43,444	35,794	26,635	0.7
Kilimanjaro	-	-	-	-	-	81,191	23,748	19,080	13,792	0.7
Tanga	-	-	-	-	-	75,492	33,683	30,598	21,426	0.7
Morogoro	-	-	-	-	-	24,267	9,193	6,842	4,788	0.7
Pwani	-	-	-	-	-	652	322	301	163	0.5
Dar es Salaam	-	-	-	-	-	4,341	4,129	3,461	5,371	1.6
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	571	45	45	20	0.5
Ruvuma	288	29	-	-	-	63,054	31,887	29,887	18,260	0.6
Iringa	136	28	28	82	3.0	117,699	28,516	23,369	15,599	0.7
Mbeya	179	72	72	108	1.5	120,835	36,955	32,621	23,373	0.7
Singida	335	272	272	268	1.0	19,063	6,289	5,503	3,337	0.6
Tabora	-	-	-	-	-	16,199	4,185	3,034	1,752	0.6
Rukwa	-	-	-	-	-	90,657	64,941	56,562	40,679	0.7
Kigoma	294	30	30	53	1.8	345,816	73,432	69,682	48,032	0.7
Shinyanga	-	-	-	-	-	19,560	5,702	4,839	2,943	0.6
Kagera	-	-	-	-	-	239,138	55,008	44,100	31,909	0.7
Mwanza	428	87	87	128	1.5	5,926	2,066	1,845	1,292	0.7
Mara	-	-	-	-	-	5,111	1,995	1,525	1,414	0.9
Manyara	1,647	258	90	172	1.9	60,743	32,012	29,873	22,854	0.8
Njombe	-	-	-	-	-	48,476	20,400	18,950	13,814	0.7
Katavi	-	-	-	-	-	4,815	2,052	1,796	1,232	0.7
Simiyu	-	-	-	-	-	6,246	2,277	2,195	1,594	0.7
Geita	-	-	-	-	-	6,680	1,537	1,256	706	0.6
Songwe	-	-	-	-	-	61,043	24,841	22,397	15,931	0.7
<b>Mainland Tanzania</b>	<b>3,307</b>	<b>775</b>	<b>578</b>	<b>811</b>	<b>1.4</b>	<b>1,525,870</b>	<b>519,802</b>	<b>452,733</b>	<b>321,774</b>	<b>0.7</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>3,307</b>	<b>775</b>	<b>578</b>	<b>811</b>	<b>1.4</b>	<b>1,525,870</b>	<b>519,802</b>	<b>452,733</b>	<b>321,774</b>	<b>0.7</b>



**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Cowpeas					Green gram				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	38,746	7,609	5,782	14,761	2.6	6,977	5,097	3,702	535	0.1
Arusha	630	140	64	147	2.3	2,029	2,822	573	101	0.2
Kilimanjaro	4,244	495	403	1,030	2.6	1,654	858	688	288	0.4
Tanga	5,697	1,241	1,181	3,923	3.3	2,694	589	563	364	0.6
Morogoro	8,022	2,017	1,098	2,712	2.5	3,060	1,208	1,203	685	0.6
Pwani	5,441	759	514	1,104	2.1	1,151	195	156	104	0.7
Dar es Salaam	-	-	-	-	-	826	167	167	17	0.1
Lindi	12,306	2,737	2,325	5,641	2.4	505	102	39	4	0.1
Mtwara	36,197	6,514	5,420	13,277	2.4	36,341	12,643	11,315	4,130	0.4
Ruvuma	4,107	1,116	628	1,841	2.9	679	408	408	108	0.3
Iringa	9,836	1,921	1,830	4,953	2.7	-	-	-	-	-
Mbeya	2,592	509	418	1,385	3.3	-	-	-	-	-
Singida	13,820	4,936	4,303	10,752	2.5	11,518	7,797	7,260	1,716	0.2
Tabora	8,004	2,317	1,966	5,543	2.8	3,724	882	750	179	0.2
Rukwa	266	108	108	160	1.5	-	-	-	-	-
Kigoma	2,711	288	64	170	2.6	-	-	-	-	-
Shinyanga	18,673	3,902	2,556	6,894	2.7	19,752	6,935	5,482	1,475	0.3
Kagera	1,131	105	105	448	4.3	-	-	-	-	-
Mwanza	1,602	324	266	728	2.7	4,227	2,262	2,098	735	0.4
Mara	-	-	-	-	-	469	137	7	6	0.8
Manyara	516	329	329	774	2.4	1,985	1,506	1,506	360	0.2
Njombe	3,230	1,159	1,045	3,155	3.0	-	-	-	-	-
Katavi	315	97	31	85	2.8	-	-	-	-	-
Simiyu	3,424	992	970	2,442	2.5	26,035	9,493	9,125	4,592	0.5
Geita	775	87	69	260	3.8	-	-	-	-	-
Songwe	735	81	-	-	-	866	195	195	17	0.1
<b>Mainland Tanzania</b>	<b>183,020</b>	<b>39,784</b>	<b>31,475</b>	<b>82,185</b>	<b>2.6</b>	<b>124,492</b>	<b>53,296</b>	<b>45,236</b>	<b>15,414</b>	<b>0.3</b>
Kaskazini Unguja	853	130	13	31	2.5	404	40	23	6	0.3
Kusini Unguja	-	-	-	-	-	52	21	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	119	5	-	-	-	-	-	-	-	-
Kusini Pemba	1,391	143	16	39	2.4	139	1	1	3	2.9
<b>Tanzania Zanzibar</b>	<b>2,363</b>	<b>278</b>	<b>29</b>	<b>69</b>	<b>2.4</b>	<b>595</b>	<b>62</b>	<b>24</b>	<b>10</b>	<b>0.4</b>
<b>Tanzania</b>	<b>185,383</b>	<b>40,062</b>	<b>31,503</b>	<b>82,254</b>	<b>2.6</b>	<b>125,087</b>	<b>53,358</b>	<b>45,260</b>	<b>15,423</b>	<b>0.3</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Pigeon pea					Chick peas				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	173,801	88,817	7,322	2,585	0.4	8,821	15,209	636	640	1.0
Arusha	17,970	6,062	228	96	0.4	1,194	738	527	386	0.7
Kilimanjaro	1,310	61	17	17	1.0	-	-	-	-	-
Tanga	1,215	522	55	3	0.0	-	-	-	-	-
Morogoro	8,747	2,669	803	408	0.5	-	-	-	-	-
Pwani	3,871	478	244	157	0.6	-	-	-	-	-
Dar es Salaam	2,652	989	96	71	0.7	-	-	-	-	-
Lindi	70,321	21,211	16,516	7,670	0.5	-	-	-	-	-
Mtwara	123,858	28,040	20,849	8,129	0.4	-	-	-	-	-
Ruvuma	49,154	17,515	10,263	3,845	0.4	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	3,688	473	108	70	0.6	249	302	302	249	0.8
Singida	3,715	839	312	248	0.8	6,408	7,937	2,561	2,185	0.9
Tabora	168	68	68	17	0.2	1,967	1,529	208	189	0.9
Rukwa	893	295	57	56	1.0	-	-	-	-	-
Kigoma	31,320	3,924	2,963	1,284	0.4	836	564	564	666	1.2
Shinyanga	159	16	-	-	-	6,676	10,163	2,240	2,329	1.0
Kagera	1,760	178	105	13	0.1	-	-	-	-	-
Mwanza	-	-	-	-	-	22,985	46,917	8,134	7,115	0.9
Mara	-	-	-	-	-	947	4,085	-	-	-
Manyara	34,409	26,014	10,317	4,458	0.4	12,703	11,190	2,268	2,315	1.0
Njombe	459	150	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	3,903	1,554	1,530	624	0.4	6,616	6,177	4,035	3,530	0.9
Geita	-	-	-	-	-	6,144	10,969	6,115	6,087	1.0
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>533,373</b>	<b>199,877</b>	<b>71,854</b>	<b>29,751</b>	<b>0.4</b>	<b>75,546</b>	<b>115,781</b>	<b>27,590</b>	<b>25,690</b>	<b>0.9</b>
Kaskazini Unguja	526	79	63	90	1.4	-	-	-	-	-
Kusini Unguja	317	44	14	21	1.5	-	-	-	-	-
Mjini Magharibi	48	5	5	6	1.3	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>891</b>	<b>128</b>	<b>82</b>	<b>118</b>	<b>1.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>534,264</b>	<b>200,005</b>	<b>71,936</b>	<b>29,868</b>	<b>0.4</b>	<b>75,546</b>	<b>115,781</b>	<b>27,590</b>	<b>25,690</b>	<b>0.9</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Bambaranuts					Field peas				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	47,574	13,305	12,035	7,516	0.6	-	-	-	-	-
Arusha	86	35	-	-	-	142	57	57	14	0.2
Kilimanjaro	-	-	-	-	-	1,703	555	549	760	1.4
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	1,166	163	163	129	0.8	141	57	57	85	1.5
Pwani	-	-	-	-	-	137	83	83	137	1.6
Dar es Salaam	912	92	92	17	0.2	-	-	-	-	-
Lindi	4,768	1,279	1,067	319	0.3	-	-	-	-	-
Mtwara	64,876	13,078	12,423	7,400	0.6	-	-	-	-	-
Ruvuma	1,859	271	243	107	0.4	-	-	-	-	-
Iringa	732	148	148	146	1.0	21,445	6,516	5,637	10,601	1.9
Mbeya	2,096	340	335	313	0.9	2,917	832	735	769	1.0
Singida	11,311	3,626	3,226	2,292	0.7	-	-	-	-	-
Tabora	23,768	6,283	5,274	4,001	0.8	-	-	-	-	-
Rukwa	243	25	25	24	1.0	680	291	291	42	0.1
Kigoma	699	141	141	14	0.1	611	62	62	11	0.2
Shinyanga	17,224	3,700	3,498	1,859	0.5	177	36	36	2	0.0
Kagera	4,090	563	541	265	0.5	3,615	1,247	1,159	375	0.3
Mwanza	1,439	243	243	87	0.4	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	660	788	737	248	0.3	379	38	38	34	0.9
Njombe	553	190	190	229	1.2	7,104	1,752	1,066	576	0.5
Katavi	60	6	6	7	1.2	438	89	89	38	0.4
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>184,116</b>	<b>44,275</b>	<b>40,387</b>	<b>24,974</b>	<b>0.6</b>	<b>39,489</b>	<b>11,616</b>	<b>9,859</b>	<b>13,444</b>	<b>1.4</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>184,116</b>	<b>44,275</b>	<b>40,387</b>	<b>24,974</b>	<b>0.6</b>	<b>39,489</b>	<b>11,616</b>	<b>9,859</b>	<b>13,444</b>	<b>1.4</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Fiwi					Upupu				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	1,318	292	63	10	0.2	-	-	-	-	-
Arusha	10,154	4,608	3,271	1,782	0.5	-	-	-	-	-
Kilimanjaro	3,322	2,000	1,401	890	0.6	-	-	-	-	-
Tanga	1,997	705	396	67	0.2	-	-	-	-	-
Morogoro	1,011	180	79	36	0.5	-	-	-	-	-
Pwani	152	15	15	6	0.4	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	297	30	30	39	1.3
Mtwara	191	19	19	1	0.0	3,694	1,055	889	369	0.4
Ruvuma	134	163	163	2	0.0	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	4,377	4,663	1,539	3,162	2.1	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>22,656</b>	<b>12,644</b>	<b>6,946</b>	<b>5,957</b>	<b>0.9</b>	<b>3,991</b>	<b>1,085</b>	<b>919</b>	<b>408</b>	<b>0.4</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>22,656</b>	<b>12,644</b>	<b>6,946</b>	<b>5,957</b>	<b>0.9</b>	<b>3,991</b>	<b>1,085</b>	<b>919</b>	<b>408</b>	<b>0.4</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Sunflower					Sesame/Simsim				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	249,255	202,658	193,533	202,528	1.0	68,345	77,719	74,375	21,980	0.3
Arusha	5,230	1,388	820	916	1.1	378	306	306	169	0.6
Kilimanjaro	15,558	3,759	3,219	3,758	1.2	371	806	777	250	0.3
Tanga	5,678	5,709	5,458	6,216	1.1	1,207	476	397	378	1.0
Morogoro	7,545	5,204	3,466	3,791	1.1	18,545	14,045	12,083	3,500	0.3
Pwani	348	141	141	222	1.6	16,263	12,412	10,249	2,607	0.3
Dar es Salaam	5,105	2,796	2,524	3,752	1.5	1,957	2,007	2,007	678	0.3
Lindi	879	151	117	123	1.1	129,398	112,895	91,643	26,835	0.3
Mtwara	972	264	264	209	0.8	49,902	37,212	33,911	9,846	0.3
Ruvuma	25,918	7,866	7,705	8,187	1.1	49,011	36,301	33,629	9,553	0.3
Iringa	41,085	18,331	13,316	14,329	1.1	2,861	1,971	1,563	894	0.6
Mbeya	25,581	10,486	10,367	12,195	1.2	2,964	1,397	1,397	375	0.3
Singida	93,008	83,726	74,126	66,194	0.9	12,284	23,342	21,971	6,616	0.3
Tabora	26,422	16,108	14,614	15,430	1.1	222	-	-	-	-
Rukwa	44,050	28,353	25,998	24,341	0.9	7,603	6,454	6,255	1,730	0.3
Kigoma	1,089	645	645	794	1.2	-	-	-	-	-
Shinyanga	8,605	3,379	2,885	2,458	0.9	722	440	440	307	0.7
Kagera	2,397	925	879	1,492	1.7	-	-	-	-	-
Mwanza	971	393	263	339	1.3	221	89	89	90	1.0
Mara	316	128	128	156	1.2	181	110	-	-	-
Manyara	30,888	25,262	23,890	22,501	0.9	741	652	652	199	0.3
Njombe	18,989	7,026	6,912	6,171	0.9	-	-	-	-	-
Katavi	2,820	1,735	1,542	1,856	1.2	7,122	10,690	9,905	3,013	0.3
Simiyu	11,887	7,005	6,269	6,093	1.0	413	1,215	1,215	1,060	0.9
Geita	1,185	1,069	1,069	1,231	1.2	291	118	118	105	0.9
Songwe	35,739	19,036	16,178	16,474	1.0	54,016	60,137	52,132	16,619	0.3
<b>Mainland Tanzania</b>	<b>661,520</b>	<b>453,545</b>	<b>416,330</b>	<b>421,756</b>	<b>1.0</b>	<b>425,018</b>	<b>400,793</b>	<b>355,113</b>	<b>106,805</b>	<b>0.3</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>661,520</b>	<b>453,545</b>	<b>416,330</b>	<b>421,756</b>	<b>1.0</b>	<b>425,018</b>	<b>400,793</b>	<b>355,113</b>	<b>106,805</b>	<b>0.3</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Groundnuts					Soyabeans				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	183,553	132,344	126,539	176,287	1.4	291	59	59	52	0.9
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	4,363	955	896	1,155	1.3	-	-	-	-	-
Tanga	2,746	1,560	1,371	1,279	0.9	158	32	32	28	0.9
Morogoro	3,904	949	935	971	1.0	-	-	-	-	-
Pwani	965	102	102	195	1.9	-	-	-	-	-
Dar es Salaam	962	39	39	19	0.5	-	-	-	-	-
Lindi	10,897	2,870	2,724	2,713	1.0	508	616	-	-	-
Mtwara	71,166	17,095	16,048	16,670	1.0	143	58	58	43	0.7
Ruvuma	16,024	5,176	4,713	6,348	1.3	35,842	16,503	15,623	11,990	0.8
Iringa	3,324	665	617	1,517	2.5	307	16	16	55	3.4
Mbeya	45,563	16,196	15,289	19,087	1.2	-	-	-	-	-
Singida	55,968	22,533	20,138	21,769	1.1	-	-	-	-	-
Tabora	161,873	86,596	74,274	76,638	1.0	-	-	-	-	-
Rukwa	41,006	13,291	12,967	21,054	1.6	127	51	51	8	0.1
Kigoma	67,469	15,229	14,219	17,111	1.2	662	268	268	198	0.7
Shinyanga	100,234	41,212	35,424	36,032	1.0	354	159	159	163	1.0
Kagera	29,910	5,059	4,289	4,497	1.0	-	-	-	-	-
Mwanza	2,822	897	897	822	0.9	-	-	-	-	-
Mara	431	87	87	84	1.0	-	-	-	-	-
Manyara	4,559	4,951	4,951	11,894	2.4	-	-	-	-	-
Njombe	4,273	1,276	1,230	2,006	1.6	-	-	-	-	-
Katavi	23,868	17,216	16,134	22,764	1.4	-	-	-	-	-
Simiyu	31,891	13,069	12,471	13,519	1.1	-	-	-	-	-
Geita	2,402	758	372	459	1.2	-	-	-	-	-
Songwe	59,563	22,108	21,738	31,578	1.5	1,062	463	463	442	1.0
<b>Mainland Tanzania</b>	<b>929,736</b>	<b>422,233</b>	<b>388,467</b>	<b>486,468</b>	<b>1.3</b>	<b>39,454</b>	<b>18,225</b>	<b>16,728</b>	<b>12,980</b>	<b>0.8</b>
Kaskazini Unguja	298	28	20	13	0.6	-	-	-	-	-
Kusini Unguja	54	6	-	-	-	-	-	-	-	-
Mjini Magharibi	47	5	-	-	-	-	-	-	-	-
Kaskazini Pemba	84	17	8	10	1.2	-	-	-	-	-
Kusini Pemba	1,573	196	90	93	1.0	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2,056</b>	<b>251</b>	<b>119</b>	<b>115</b>	<b>1.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>931,792</b>	<b>422,484</b>	<b>388,586</b>	<b>486,583</b>	<b>1.3</b>	<b>39,454</b>	<b>18,225</b>	<b>16,728</b>	<b>12,980</b>	<b>0.8</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Cotton					Roselle				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	1,696	654	438	359	0.8
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	4,385	4,684	2,894	3,243	1.1	-	-	-	-	-
Tabora	8,024	10,424	9,632	12,781	1.3	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	2,849	1,711	1,473	2,263	1.5	-	-	-	-	-
Shinyanga	28,592	38,455	29,084	39,740	1.4	-	-	-	-	-
Kagera	3,465	1,561	902	1,462	1.6	-	-	-	-	-
Mwanza	3,000	1,866	1,069	1,426	1.3	-	-	-	-	-
Mara	5,259	3,724	2,220	3,168	1.4	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	2,012	2,567	2,261	2,447	1.1	-	-	-	-	-
Simiyu	92,104	128,256	110,538	140,275	1.3	-	-	-	-	-
Geita	2,500	1,988	1,517	1,988	1.3	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>152,190</b>	<b>195,235</b>	<b>161,590</b>	<b>208,794</b>	<b>1.3</b>	<b>1,696</b>	<b>654</b>	<b>438</b>	<b>359</b>	<b>0.8</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>152,190</b>	<b>195,235</b>	<b>161,590</b>	<b>208,794</b>	<b>1.3</b>	<b>1,696</b>	<b>654</b>	<b>438</b>	<b>359</b>	<b>0.8</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Cabbage					Spinach				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	398	19	19	598	30.8	2,291	239	87	72	0.8
Arusha	887	176	34	1,593	46.3	947	53	29	69	2.4
Kilimanjaro	156	32	32	934	29.6	428	53	12	30	2.4
Tanga	1,107	640	554	810	1.5	1,676	238	110	242	2.2
Morogoro	345	57	45	178	4.0	179	6	6	0	0.1
Pwani	-	-	-	-	-	423	14	14	8	0.5
Dar es Salaam	-	-	-	-	-	3,056	241	219	1,084	4.9
Lindi	266	54	54	2,127	39.5	-	-	-	-	-
Mtwara	-	-	-	-	-	736	68	68	168	2.5
Ruvuma	504	51	-	-	-	825	113	113	18	0.2
Iringa	1,110	257	238	2,542	10.7	5,892	361	170	207	1.2
Mbeya	1,475	196	121	3,428	28.4	3,121	355	242	653	2.7
Singida	536	54	31	60	1.9	-	-	-	-	-
Tabora	483	49	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	939	94	94	289	3.1
Kigoma	2,146	355	79	412	5.2	1,752	122	66	122	1.8
Shinyanga	288	115	-	-	-	-	-	-	-	-
Kagera	1,502	269	55	27	0.5	1,498	109	96	45	0.5
Mwanza	600	61	41	474	11.6	2,369	337	229	204	0.9
Mara	144	15	15	78	5.3	848	232	162	1,298	8.0
Manyara	-	-	-	-	-	1,712	96	43	158	3.7
Njombe	396	32	11	-	-	150	7	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	550	74	19	39	2.0	186	19	-	-	-
Geita	1,322	246	89	759	8.6	218	22	-	-	-
Songwe	-	-	-	-	-	948	95	51	8	0.2
<b>Mainland Tanzania</b>	<b>14,215</b>	<b>2,752</b>	<b>1,438</b>	<b>14,060</b>	<b>9.8</b>	<b>30,194</b>	<b>2,874</b>	<b>1,812</b>	<b>4,674</b>	<b>2.6</b>
Kaskazini Unguja	-	-	-	-	-	121	6	-	-	-
Kusini Unguja	-	-	-	-	-	57	12	12	11	1.0
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>178</b>	<b>17</b>	<b>12</b>	<b>11</b>	<b>1.0</b>
<b>Tanzania</b>	<b>14,215</b>	<b>2,752</b>	<b>1,438</b>	<b>14,060</b>	<b>9.8</b>	<b>30,372</b>	<b>2,891</b>	<b>1,824</b>	<b>4,686</b>	<b>2.6</b>



**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Carrot					Chillies				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	2,443	947	45	118	2.6	142	86	86	171	2.0
Kilimanjaro	3,269	1,549	1,226	4,617	3.8	161	33	-	-	-
Tanga	697	70	46	88	1.9	1,568	184	52	83	1.6
Morogoro	-	-	-	-	-	738	255	59	415	7.1
Pwani	-	-	-	-	-	817	50	11	55	5.0
Dar es Salaam	-	-	-	-	-	2,746	64	53	102	1.9
Lindi	176	18	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	169	8	-	-	-
Ruvuma	268	27	27	80	3.0	222	22	-	-	-
Iringa	-	-	-	-	-	1,104	135	22	44	2.0
Mbeya	203	823	823	14,634	17.8	749	179	123	709	5.8
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	257	13	13	31	2.3
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	367	9	9	7	0.7	-	-	-	-	-
Shinyanga	-	-	-	-	-	584	44	22	179	8.0
Kagera	-	-	-	-	-	909	110	2	5	2.5
Mwanza	-	-	-	-	-	446	111	111	349	3.1
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	1,034	115	115	1,417	12.4	-	-	-	-	-
Njombe	175	141	141	349	2.5	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	280	28	28	64	2.3
<b>Mainland Tanzania</b>	<b>8,632</b>	<b>3,698</b>	<b>2,431</b>	<b>21,311</b>	<b>8.8</b>	<b>10,892</b>	<b>1,323</b>	<b>583</b>	<b>2,207</b>	<b>3.8</b>
Kaskazini Unguja	-	-	-	-	-	127	9	4	19	4.6
Kusini Unguja	-	-	-	-	-	283	63	37	114	3.1
Mjini Magharibi	301	7	-	-	-	976	149	31	105	3.4
Kaskazini Pemba	-	-	-	-	-	174	21	17	48	2.8
Kusini Pemba	-	-	-	-	-	158	6	-	-	-
<b>Tanzania Zanzibar</b>	<b>301</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,718</b>	<b>249</b>	<b>89</b>	<b>285</b>	<b>3.2</b>
<b>Tanzania</b>	<b>8,933</b>	<b>3,705</b>	<b>2,431</b>	<b>21,311</b>	<b>8.8</b>	<b>12,610</b>	<b>1,572</b>	<b>671</b>	<b>2,492</b>	<b>3.7</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Amaranth					Pumpkins				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	1,927	74	26	80	3.1	3,963	370	370	2,289	6.2
Arusha	711	69	69	131	1.9	579	173	30	197	6.7
Kilimanjaro	634	42	35	21	0.6	-	-	-	-	-
Tanga	1,283	150	74	47	0.6	1,152	157	138	988	7.2
Morogoro	602	91	91	33	0.4	197	40	40	228	5.7
Pwani	929	58	34	108	3.1	555	25	23	200	8.8
Dar es Salaam	8,068	710	666	12,950	19.5	-	-	-	-	-
Lindi	282	60	42	1,055	24.8	1,284	122	40	290	7.3
Mtwara	2,478	193	193	295	1.5	1,315	60	40	267	6.7
Ruvuma	-	-	-	-	-	198	14	14	83	6.0
Iringa	1,464	62	45	175	3.9	-	-	-	-	-
Mbeya	2,537	198	127	279	2.2	2,773	680	250	1,571	6.3
Singida	-	-	-	-	-	1,156	107	107	664	6.2
Tabora	1,140	124	24	386	16.2	662	58	29	170	5.9
Rukwa	251	19	19	110	5.7	-	-	-	-	-
Kigoma	4,439	233	183	279	1.5	-	-	-	-	-
Shinyanga	1,428	247	247	773	3.1	812	136	136	858	6.3
Kagera	1,573	112	106	293	2.8	-	-	-	-	-
Mwanza	5,323	569	562	1,756	3.1	555	41	6	39	6.9
Mara	591	391	390	1,123	2.9	-	-	-	-	-
Manyara	439	15	6	3	0.5	188	19	19	141	7.4
Njombe	169	68	68	203	3.0	231	23	23	117	5.0
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	186	19	19	15	0.8	-	-	-	-	-
Geita	1,750	103	103	106	1.0	1,165	83	26	159	6.0
Songwe	-	-	-	-	-	256	26	-	-	-
<b>Mainland Tanzania</b>	<b>38,204</b>	<b>3,609</b>	<b>3,131</b>	<b>20,219</b>	<b>6.5</b>	<b>17,041</b>	<b>2,135</b>	<b>1,290</b>	<b>8,260</b>	<b>6.4</b>
Kaskazini Unguja	1,287	133	87	403	4.6	527	86	62	392	6.4
Kusini Unguja	385	49	16	72	4.5	488	133	79	489	6.2
Mjini Magharibi	992	81	42	177	4.2	-	-	-	-	-
Kaskazini Pemba	474	98	60	310	5.2	85	-	-	-	-
Kusini Pemba	1,503	153	37	173	4.7	182	19	-	-	-
<b>Tanzania Zanzibar</b>	<b>4,641</b>	<b>512</b>	<b>242</b>	<b>1,135</b>	<b>4.7</b>	<b>1,282</b>	<b>238</b>	<b>140</b>	<b>881</b>	<b>6.3</b>
<b>Tanzania</b>	<b>42,845</b>	<b>4,121</b>	<b>3,373</b>	<b>21,354</b>	<b>6.3</b>	<b>18,323</b>	<b>2,373</b>	<b>1,430</b>	<b>9,141</b>	<b>6.4</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Cucumber					Egg Plant				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	1,127	253	87	288	3.3
Arusha	445	266	-	-	-	-	-	-	-	-
Kilimanjaro	913	182	129	833	6.5	-	-	-	-	-
Tanga	854	130	54	90	1.7	679	92	46	271	5.9
Morogoro	273	28	-	-	-	1,080	76	76	517	6.8
Pwani	239	13	6	56	9.9	411	55	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	196	20	-	-	-	1,342	135	135	748	5.6
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	267	54	-	-	-
Singida	217	44	44	78	1.8	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	270	28	28	270	9.8	654	26	26	588	22.4
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	381	84	10	95	9.8	1,079	86	51	305	6.0
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	226	23	23	46	2.0	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>4,014</b>	<b>816</b>	<b>293</b>	<b>1,468</b>	<b>5.0</b>	<b>6,639</b>	<b>777</b>	<b>421</b>	<b>2,717</b>	<b>6.4</b>
Kaskazini Unguja	418	204	126	493	3.9	1,050	159	138	650	4.7
Kusini Unguja	218	72	55	98	1.8	365	84	64	441	6.9
Mjini Magharibi	770	131	13	59	4.4	530	70	52	618	11.9
Kaskazini Pemba	-	-	-	-	-	428	56	28	133	4.8
Kusini Pemba	-	-	-	-	-	1,110	83	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,406</b>	<b>406</b>	<b>194</b>	<b>650</b>	<b>3.3</b>	<b>3,483</b>	<b>452</b>	<b>282</b>	<b>1,841</b>	<b>6.5</b>
<b>Tanzania</b>	<b>5,420</b>	<b>1,223</b>	<b>487</b>	<b>2,118</b>	<b>4.4</b>	<b>10,122</b>	<b>1,230</b>	<b>703</b>	<b>4,558</b>	<b>6.5</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Watermelon					Cauliflower				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	1,796	318	318	2,366	7.4	-	-	-	-	-
Arusha	199	241	-	-	-	130	53	53	91	1.7
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	265	97	65	75	1.2	-	-	-	-	-
Morogoro	738	538	362	2,543	7.0	-	-	-	-	-
Pwani	484	196	196	2,467	12.6	-	-	-	-	-
Dar es Salaam	4,020	1,846	658	3,252	4.9	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	415	108	88	196	2.2	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	221	22	22	221	9.9	-	-	-	-	-
Mbeya	181	220	220	1,540	7.0	-	-	-	-	-
Singida	327	66	-	-	-	-	-	-	-	-
Tabora	1,341	313	84	135	1.6	-	-	-	-	-
Rukwa	572	144	116	571	4.9	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	1,912	873	599	1,140	1.9	-	-	-	-	-
Kagera	674	273	273	726	2.7	-	-	-	-	-
Mwanza	1,658	689	535	764	1.4	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	105	213	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	296	120	-	-	-	-	-	-	-	-
Geita	2,568	1,651	1,452	4,596	3.2	-	-	-	-	-
Songwe	215	22	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>17,987</b>	<b>7,951</b>	<b>4,987</b>	<b>20,591</b>	<b>4.1</b>	<b>130</b>	<b>53</b>	<b>53</b>	<b>91</b>	<b>1.7</b>
Kaskazini Unguja	257	96	60	551	9.1	-	-	-	-	-
Kusini Unguja	57	12	-	-	-	-	-	-	-	-
Mjini Magharibi	341	109	-	-	-	-	-	-	-	-
Kaskazini Pemba	291	147	-	-	-	-	-	-	-	-
Kusini Pemba	338	75	14	223	15.8	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,284</b>	<b>438</b>	<b>74</b>	<b>775</b>	<b>10.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>19,271</b>	<b>8,389</b>	<b>5,062</b>	<b>21,366</b>	<b>4.2</b>	<b>130</b>	<b>53</b>	<b>53</b>	<b>91</b>	<b>1.7</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Okra					Coriander				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	3,875	466	77	35	0.4	-	-	-	-	-
Arusha	457	121	121	448	3.7	155	78	78	77	1.0
Kilimanjaro	196	9	9	7	0.8	-	-	-	-	-
Tanga	1,847	183	107	347	3.2	-	-	-	-	-
Morogoro	1,706	108	40	4	0.1	-	-	-	-	-
Pwani	1,150	138	95	56	0.6	-	-	-	-	-
Dar es Salaam	13,026	4,042	3,875	11,091	2.9	-	-	-	-	-
Lindi	1,033	86	27	38	1.4	-	-	-	-	-
Mtwara	3,702	345	285	392	1.4	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	1,105	195	177	486	2.8	-	-	-	-	-
Mbeya	545	60	54	96	1.8	-	-	-	-	-
Singida	2,234	149	125	102	0.8	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	266	54	54	77	1.4	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	453	51	14	8	0.6	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	792	123	100	47	0.5	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>32,387</b>	<b>6,132</b>	<b>5,160</b>	<b>13,235</b>	<b>2.6</b>	<b>155</b>	<b>78</b>	<b>78</b>	<b>77</b>	<b>1.0</b>
Kaskazini Unguja	1,095	146	123	177	1.4	-	-	-	-	-
Kusini Unguja	231	23	18	37	2.1	-	-	-	-	-
Mjini Magharibi	571	223	23	43	1.9	-	-	-	-	-
Kaskazini Pemba	84	8	-	-	-	-	-	-	-	-
Kusini Pemba	599	87	2	0	0.1	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2,580</b>	<b>488</b>	<b>167</b>	<b>258</b>	<b>1.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>34,967</b>	<b>6,620</b>	<b>5,327</b>	<b>13,493</b>	<b>2.5</b>	<b>155</b>	<b>78</b>	<b>78</b>	<b>77</b>	<b>1.0</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Green beans					Tomatoes				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	8,861	3,812	2,739	27,336	10.0
Arusha	-	-	-	-	-	1,609	707	471	1,735	3.7
Kilimanjaro	-	-	-	-	-	1,807	807	372	1,201	3.2
Tanga	-	-	-	-	-	8,051	1,728	1,112	6,829	6.1
Morogoro	-	-	-	-	-	7,510	2,551	1,775	22,955	12.9
Pwani	-	-	-	-	-	2,085	238	155	721	4.7
Dar es Salaam	-	-	-	-	-	4,081	1,000	299	183	0.6
Lindi	-	-	-	-	-	4,851	728	587	6,049	10.3
Mtwara	-	-	-	-	-	3,626	592	535	1,789	3.3
Ruvuma	-	-	-	-	-	4,655	773	486	2,960	6.1
Iringa	-	-	-	-	-	16,616	6,270	4,268	42,985	10.1
Mbeya	-	-	-	-	-	6,309	1,843	1,003	13,759	13.7
Singida	-	-	-	-	-	4,646	923	734	19,744	26.9
Tabora	-	-	-	-	-	6,067	1,032	525	3,716	7.1
Rukwa	-	-	-	-	-	1,636	311	156	921	5.9
Kigoma	-	-	-	-	-	7,165	999	937	3,537	3.8
Shinyanga	-	-	-	-	-	5,084	712	379	4,077	10.8
Kagera	-	-	-	-	-	10,226	2,070	1,068	6,009	5.6
Mwanza	-	-	-	-	-	4,463	722	488	1,237	2.5
Mara	-	-	-	-	-	1,261	378	258	527	2.0
Manyara	-	-	-	-	-	472	116	-	-	-
Njombe	-	-	-	-	-	2,833	632	438	3,252	7.4
Katavi	-	-	-	-	-	254	33	18	231	12.7
Simiyu	-	-	-	-	-	1,797	321	237	344	1.5
Geita	-	-	-	-	-	4,850	912	631	14,569	23.1
Songwe	-	-	-	-	-	4,254	1,042	229	228	1.0
<b>Mainland Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>125,069</b>	<b>31,253</b>	<b>19,898</b>	<b>186,894</b>	<b>9.4</b>
Kaskazini Unguja	-	-	-	-	-	2,273	272	175	327	1.9
Kusini Unguja	-	-	-	-	-	1,045	185	83	1,031	12.5
Mjini Magharibi	-	-	-	-	-	903	81	51	229	4.5
Kaskazini Pemba	-	-	-	-	-	306	46	22	83	3.7
Kusini Pemba	-	-	-	-	-	2,138	255	113	1,312	11.6
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,665</b>	<b>839</b>	<b>444</b>	<b>2,983</b>	<b>6.7</b>
<b>Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>131,734</b>	<b>32,091</b>	<b>20,343</b>	<b>189,877</b>	<b>9.3</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Bitter Tomato					Sweet/Bell Pepper				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	1,846	287	87	934	10.7	476	96	-	-	-
Arusha	636	268	43	142	3.3	-	-	-	-	-
Kilimanjaro	312	189	63	225	3.6	372	302	19	12	0.7
Tanga	1,686	202	155	755	4.9	443	34	7	14	2.0
Morogoro	3,451	489	250	493	2.0	420	34	-	-	-
Pwani	1,178	122	122	451	3.7	239	24	24	167	6.9
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	191	4	-	-	-	-	-	-	-	-
Ruvuma	222	22	-	-	-	-	-	-	-	-
Iringa	3,094	783	425	2,468	5.8	1,167	355	211	501	2.4
Mbeya	1,167	262	244	2,836	11.6	545	110	54	374	6.9
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	222	9	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	3,713	553	553	1,108	2.0	-	-	-	-	-
Shinyanga	1,502	172	151	2,263	15.0	-	-	-	-	-
Kagera	1,756	68	42	45	1.1	-	-	-	-	-
Mwanza	2,587	409	376	795	2.1	-	-	-	-	-
Mara	331	67	67	99	1.5	-	-	-	-	-
Manyara	412	2	-	-	-	266	270	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	102	21	21	147	7.1
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	218	22	22	35	1.6	226	23	23	54	2.4
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>24,524</b>	<b>3,931</b>	<b>2,601</b>	<b>12,650</b>	<b>4.9</b>	<b>4,256</b>	<b>1,269</b>	<b>359</b>	<b>1,271</b>	<b>3.5</b>
Kaskazini Unguja	530	50	41	60	1.5	78	4	4	4	1.1
Kusini Unguja	312	61	52	68	1.3	-	-	-	-	-
Mjini Magharibi	965	57	-	-	-	-	-	-	-	-
Kaskazini Pemba	85	34	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,892</b>	<b>202</b>	<b>93</b>	<b>128</b>	<b>1.4</b>	<b>78</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>1.1</b>
<b>Tanzania</b>	<b>26,416</b>	<b>4,134</b>	<b>2,694</b>	<b>12,778</b>	<b>4.7</b>	<b>4,334</b>	<b>1,273</b>	<b>362</b>	<b>1,275</b>	<b>3.5</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Squash					Sweet Potato Leaves				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	1,256	245	116	93	0.8	2,302	167	134	2,170	16.2
Arusha	130	6	6	12	1.8	165	2	2	33	16.3
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	508	47	34	6	0.2
Morogoro	-	-	-	-	-	245	25	25	1	0.0
Pwani	-	-	-	-	-	946	67	67	342	5.1
Dar es Salaam	-	-	-	-	-	13,312	366	231	256	1.1
Lindi	-	-	-	-	-	105	42	42	73	1.7
Mtwara	-	-	-	-	-	470	12	11	14	1.3
Ruvuma	-	-	-	-	-	134	13	6	28	4.3
Iringa	-	-	-	-	-	164	5	5	3	0.6
Mbeya	-	-	-	-	-	596	2	2	2	0.8
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	250	51	25	5	0.2
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	449	20	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,386</b>	<b>251</b>	<b>123</b>	<b>105</b>	<b>0.9</b>	<b>19,646</b>	<b>820</b>	<b>584</b>	<b>2,932</b>	<b>5.0</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	67	13	13	13	1.0	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	1,291	91	46	20	0.4
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	116	2	2	1	0.4
<b>Tanzania Zanzibar</b>	<b>67</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>1.0</b>	<b>1,407</b>	<b>93</b>	<b>49</b>	<b>21</b>	<b>0.4</b>
<b>Tanzania</b>	<b>1,453</b>	<b>265</b>	<b>136</b>	<b>119</b>	<b>0.9</b>	<b>21,053</b>	<b>913</b>	<b>633</b>	<b>2,953</b>	<b>4.7</b>



**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Mnavu/Mnafu					Figiri/Sukuma wiki				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	674	68	-	-	-	-	-	-	-	-
Arusha	1,284	75	26	133	5.1	833	31	28	117	4.2
Kilimanjaro	177	18	18	10	0.6	-	-	-	-	-
Tanga	841	85	70	48	0.7	-	-	-	-	-
Morogoro	448	23	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	505	2	2	10	5.0	3,652	241	119	56	0.5
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	97	4	-	-	-	291	7	6	1	0.2
Mara	-	-	-	-	-	178	36	36	1	0.0
Manyara	-	-	-	-	-	667	34	8	0	0.0
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>4,026</b>	<b>275</b>	<b>116</b>	<b>201</b>	<b>1.7</b>	<b>5,621</b>	<b>350</b>	<b>197</b>	<b>175</b>	<b>0.9</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>4,026</b>	<b>275</b>	<b>116</b>	<b>201</b>	<b>1.7</b>	<b>5,621</b>	<b>350</b>	<b>197</b>	<b>175</b>	<b>0.9</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Brocol					Pumpkin Leaves				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	539	6	-	-	-
Arusha	259	39	26	52	2.0	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	219	5	5	27	5.2
Morogoro	-	-	-	-	-	173	35	35	13	0.4
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	1,101	36	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	705	16	-	-	-
Mbeya	-	-	-	-	-	535	48	48	37	0.8
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	205	41	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	164	33	33	2	0.0
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	250	13	13	6	0.5
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>259</b>	<b>39</b>	<b>26</b>	<b>52</b>	<b>2.0</b>	<b>3,891</b>	<b>234</b>	<b>135</b>	<b>85</b>	<b>0.6</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>259</b>	<b>39</b>	<b>26</b>	<b>52</b>	<b>2.0</b>	<b>3,891</b>	<b>234</b>	<b>135</b>	<b>85</b>	<b>0.6</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Majani ya Kunde					Seaweed				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	173	35	4	14	3.8	-	-	-	-	-
Pwani	-	-	-	-	-	108	11	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>173</b>	<b>35</b>	<b>4</b>	<b>14</b>	<b>3.8</b>	<b>108</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	76	8	8	49	6.4
Kusini Unguja	-	-	-	-	-	86	17	-	-	-
Mjini Magharibi	-	-	-	-	-	48	19	19	117	6.0
Kaskazini Pemba	-	-	-	-	-	2,590	421	369	2,085	5.6
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,800</b>	<b>466</b>	<b>396</b>	<b>2,251</b>	<b>5.7</b>
<b>Tanzania</b>	<b>173</b>	<b>35</b>	<b>4</b>	<b>14</b>	<b>3.8</b>	<b>2,908</b>	<b>477</b>	<b>396</b>	<b>2,251</b>	<b>5.7</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Tobacco					Pyrethrum				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	936	194	133	71	0.5	-	-	-	-	-
Arusha	1,612	535	34	45	1.3	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	931	159	159	100	0.6	-	-	-	-	-
Morogoro	316	168	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	4,256	2,628	2,462	2,659	1.1	-	-	-	-	-
Iringa	-	-	-	-	-	146	575	575	645	1.1
Mbeya	5,981	9,913	9,913	13,094	1.3	6,803	1,554	798	750	0.9
Singida	860	240	240	147	0.6	-	-	-	-	-
Tabora	25,846	23,016	22,368	21,100	0.9	-	-	-	-	-
Rukwa	132	5	5	3	0.6	-	-	-	-	-
Kigoma	3,775	2,759	2,759	4,091	1.5	-	-	-	-	-
Shinyanga	4,497	4,527	4,486	5,603	1.2	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	330	16	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	258	83	21	19	0.9	-	-	-	-	-
Njombe	-	-	-	-	-	659	294	140	114	0.8
Katavi	4,967	4,057	4,033	4,598	1.1	-	-	-	-	-
Simiyu	317	35	18	30	1.7	-	-	-	-	-
Geita	565	231	231	152	0.7	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>55,579</b>	<b>48,566</b>	<b>46,862</b>	<b>51,712</b>	<b>1.1</b>	<b>7,608</b>	<b>2,423</b>	<b>1,513</b>	<b>1,508</b>	<b>1.0</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>55,579</b>	<b>48,566</b>	<b>46,862</b>	<b>51,712</b>	<b>1.1</b>	<b>7,608</b>	<b>2,423</b>	<b>1,513</b>	<b>1,508</b>	<b>1.0</b>

**Cont .... Table 3.27: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Olive					Green Tomato				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	1,206	32	21	94	4.4	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,206</b>	<b>32</b>	<b>21</b>	<b>94</b>	<b>4.4</b>	-	-	-	-	-
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	69	7	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>69</b>	<b>7</b>	-	-	-	-	-	-	-	-
<b>Tanzania</b>	<b>1,275</b>	<b>39</b>	<b>21</b>	<b>94</b>	<b>4.4</b>	-	-	-	-	-

**Table 3.28: Number of Agricultural Households Reporting Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Improved Seed Use		NOT Using Improved Seed		Total Number of Households Planting in MASIKA	Total Planted Area in MASIKA (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	100,556	104,907	396,891	1,218,023	497,447	1,322,930
Arusha	107,855	103,230	46,738	89,896	154,593	193,126
Kilimanjaro	118,045	77,144	85,383	62,642	203,428	139,786
Tanga	71,773	49,477	201,176	217,860	272,949	267,337
Morogoro	31,928	33,088	245,689	378,034	277,617	411,122
Pwani	17,220	11,216	64,163	47,990	81,383	59,206
Dar es Salaam	52,119	118,750	79,561	52,834	131,680	171,585
Lindi	41,102	37,271	175,780	258,217	216,882	295,487
Mtwara	54,340	35,348	232,502	243,851	286,842	279,200
Ruvuma	55,294	67,531	198,210	321,006	253,504	388,537
Iringa	53,548	36,844	123,645	187,138	177,193	223,982
Mbeya	115,063	100,521	180,100	221,567	295,163	322,088
Singida	116,092	132,574	146,207	382,124	262,299	514,698
Tabora	138,005	163,368	161,367	570,616	299,372	733,985
Rukwa	46,378	67,514	161,305	341,661	207,683	409,174
Kigoma	50,635	22,615	269,871	244,196	320,506	266,811
Shinyanga	85,344	94,084	107,963	391,412	193,307	485,496
Kagera	30,353	14,870	258,443	127,222	288,796	142,092
Mwanza	32,210	21,999	135,823	114,577	168,033	136,576
Mara	39,956	32,984	94,477	86,391	134,433	119,376
Manyara	75,509	91,639	70,093	187,373	145,602	279,012
Njombe	39,987	36,981	111,955	133,091	151,942	170,072
Katavi	28,000	35,766	42,042	119,112	70,042	154,877
Simiyu	114,679	206,623	39,426	191,665	154,105	398,288
Geita	19,701	10,153	88,897	63,886	108,598	74,038
Songwe	81,780	86,378	165,808	324,741	247,588	411,119
<b>Mainland Tanzania</b>	<b>1,717,472</b>	<b>1,792,875</b>	<b>3,883,515</b>	<b>6,577,125</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	9,076	3,058	13,252	5,489	22,328	8,547
Kusini Unguja	2,857	1,024	7,717	2,917	10,574	3,942
Mjini Magharibi	17,855	6,098	7,129	4,943	24,984	11,041
Kaskazini Pemba	6,362	1,684	27,226	11,809	33,588	13,493
Kusini Pemba	5,464	1,840	38,638	20,493	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>41,614</b>	<b>13,705</b>	<b>93,962</b>	<b>45,651</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>1,759,086</b>	<b>1,806,580</b>	<b>3,977,477</b>	<b>6,622,776</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.29: Number of Agricultural Households Reporting Organic Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Local Seeds Use		NOT Using Local Seeds		Total Number of Households Planting in MASIKA	Total Planted Area in MASIKA (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	480,311	1,206,767	17,136	116,163	497,447	1,322,930
Arusha	100,540	82,918	54,053	110,208	154,593	193,126
Kilimanjaro	131,182	60,483	72,246	79,303	203,428	139,786
Tanga	226,100	214,635	46,849	52,702	272,949	267,337
Morogoro	256,040	372,632	21,577	38,490	277,617	411,122
Pwani	68,042	46,729	13,341	12,476	81,383	59,206
Dar es Salaam	82,154	50,328	49,526	121,257	131,680	171,585
Lindi	209,084	255,543	7,798	39,945	216,882	295,487
Mtwara	279,127	238,207	7,715	40,992	286,842	279,200
Ruvuma	239,745	310,631	13,759	77,906	253,504	388,537
Iringa	167,919	182,440	9,274	41,542	177,193	223,982
Mbeya	247,455	214,299	47,708	107,789	295,163	322,088
Singida	229,107	375,604	33,192	139,094	262,299	514,698
Tabora	277,287	535,191	22,085	198,793	299,372	733,985
Rukwa	193,824	329,652	13,859	79,522	207,683	409,174
Kigoma	314,246	243,103	6,260	23,709	320,506	266,811
Shinyanga	187,770	386,860	5,537	98,636	193,307	485,496
Kagera	279,754	124,859	9,042	17,233	288,796	142,092
Mwanza	145,198	113,644	22,835	22,932	168,033	136,576
Mara	105,522	85,861	28,911	33,514	134,433	119,376
Manyara	109,119	149,690	36,483	129,322	145,602	279,012
Njombe	138,476	129,794	13,466	40,278	151,942	170,072
Katavi	62,622	113,936	7,420	40,941	70,042	154,877
Simiyu	131,233	182,482	22,872	215,806	154,105	398,288
Geita	97,183	62,753	11,415	11,286	108,598	74,038
Songwe	217,217	319,640	30,371	91,479	247,588	411,119
<b>Mainland Tanzania</b>	<b>4,976,257</b>	<b>6,388,681</b>	<b>624,730</b>	<b>1,981,319</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	15,613	4,875	6,715	3,672	22,328	8,547
Kusini Unguja	8,206	2,539	2,368	1,403	10,574	3,942
Mjini Magharibi	14,961	4,840	10,023	6,201	24,984	11,041
Kaskazini Pemba	30,034	10,881	3,554	2,612	33,588	13,493
Kusini Pemba	33,364	17,153	10,738	5,180	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>102,178</b>	<b>40,287</b>	<b>33,398</b>	<b>19,068</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>5,078,435</b>	<b>6,428,968</b>	<b>658,128</b>	<b>2,000,388</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.30: Number of Agricultural Households Reporting Inorganic Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Both Improved and Local Seeds Use		NOT Using Both Improved and Local Seeds		Total Number of Households Planting in MASIKA	Total Planted Area in MASIKA
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	13,873	11,256	483,574	1,311,674	497,447	1,322,930
Arusha	1,635	6,978	152,958	186,148	154,593	193,126
Kilimanjaro	4,393	2,159	199,035	137,627	203,428	139,786
Tanga	3,718	3,225	269,231	264,112	272,949	267,337
Morogoro	2,274	5,402	275,343	405,720	277,617	411,122
Pwani	1,840	1,261	79,543	57,945	81,383	59,206
Dar es Salaam	1,239	2,507	130,441	169,078	131,680	171,585
Lindi	3,434	2,674	213,448	292,813	216,882	295,487
Mtwara	11,843	5,643	274,999	273,556	286,842	279,200
Ruvuma	10,026	10,375	243,478	378,161	253,504	388,537
Iringa	6,576	4,698	170,617	219,284	177,193	223,982
Mbeya	7,637	7,268	287,526	314,820	295,163	322,088
Singida	7,312	6,520	254,987	508,178	262,299	514,698
Tabora	15,473	35,425	283,899	698,559	299,372	733,985
Rukwa	10,443	12,009	197,240	397,166	207,683	409,174
Kigoma	3,212	1,093	317,294	265,718	320,506	266,811
Shinyanga	4,032	4,552	189,275	480,944	193,307	485,496
Kagera	2,578	2,363	286,218	139,729	288,796	142,092
Mwanza	1,306	933	166,727	135,643	168,033	136,576
Mara	655	531	133,778	118,845	134,433	119,376
Manyara	16,936	37,683	128,666	241,329	145,602	279,012
Njombe	4,402	3,297	147,540	166,775	151,942	170,072
Katavi	3,189	5,176	66,853	149,702	70,042	154,877
Simiyu	4,628	9,183	149,477	389,105	154,105	398,288
Geita	486	1,133	108,112	72,905	108,598	74,038
Songwe	6,102	5,102	241,486	406,017	247,588	411,119
<b>Mainland Tanzania</b>	<b>149,242</b>	<b>188,447</b>	<b>5,451,745</b>	<b>8,181,554</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	2,643	614	19,685	7,933	22,328	8,547
Kusini Unguja	1,087	379	9,487	3,563	10,574	3,942
Mjini Magharibi	514	103	24,470	10,938	24,984	11,041
Kaskazini Pemba	3,020	928	30,568	12,565	33,588	13,493
Kusini Pemba	9,447	3,340	34,655	18,992	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>16,711</b>	<b>5,364</b>	<b>118,865</b>	<b>53,992</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>165,953</b>	<b>193,811</b>	<b>5,570,610</b>	<b>8,235,545</b>	<b>5,736,563</b>	<b>8,429,356</b>



**Table 3.31: Number of Agricultural Households Reporting Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Fertilizers Use		NOT Using Fertilizers		Total Number of Households Planting in MASIKA	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	110,854	113,774	386,593	1,209,156	497,447	1,322,930
Arusha	48,885	43,563	105,708	149,563	154,593	193,126
Kilimanjaro	115,762	62,649	87,666	77,138	203,428	139,786
Tanga	50,447	32,672	222,502	234,665	272,949	267,337
Morogoro	42,804	48,239	234,813	362,883	277,617	411,122
Pwani	7,713	4,298	73,670	54,907	81,383	59,206
Dar es Salaam	44,112	26,463	87,568	145,121	131,680	171,585
Lindi	13,040	5,133	203,842	290,355	216,882	295,487
Mtwara	42,938	22,597	243,904	256,602	286,842	279,200
Ruvuma	196,813	219,347	56,691	169,189	253,504	388,537
Iringa	131,707	121,394	45,486	102,588	177,193	223,982
Mbeya	177,458	167,930	117,705	154,158	295,163	322,088
Singida	95,632	100,729	166,667	413,969	262,299	514,698
Tabora	161,960	190,431	137,412	543,553	299,372	733,985
Rukwa	58,018	90,594	149,665	318,580	207,683	409,174
Kigoma	138,769	83,536	181,737	183,276	320,506	266,811
Shinyanga	72,059	76,804	121,248	408,692	193,307	485,496
Kagera	22,968	7,849	265,828	134,243	288,796	142,092
Mwanza	24,670	10,779	143,363	125,797	168,033	136,576
Mara	32,832	25,929	101,601	93,446	134,433	119,376
Manyara	45,220	67,359	100,382	211,653	145,602	279,012
Njombe	119,836	109,112	32,106	60,960	151,942	170,072
Katavi	21,836	30,101	48,206	124,776	70,042	154,877
Simiyu	25,517	45,538	128,588	352,750	154,105	398,288
Geita	16,678	7,118	91,920	66,921	108,598	74,038
Songwe	108,673	101,004	138,915	310,115	247,588	411,119
<b>Mainland Tanzania</b>	<b>1,927,201</b>	<b>1,814,942</b>	<b>3,673,786</b>	<b>6,555,058</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	7,406	2,849	14,922	5,698	22,328	8,547
Kusini Unguja	4,259	1,342	6,315	2,599	10,574	3,942
Mjini Magharibi	11,804	3,438	13,180	7,603	24,984	11,041
Kaskazini Pemba	8,314	2,657	25,274	10,836	33,588	13,493
Kusini Pemba	16,498	6,647	27,604	15,686	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>48,281</b>	<b>16,934</b>	<b>87,295</b>	<b>42,422</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>1,975,482</b>	<b>1,831,876</b>	<b>3,761,081</b>	<b>6,597,480</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.32: Number of Agricultural Households Reporting Organic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Organic Fertilizer Use		NOT Using Organic Fertilizers		Total Number of Households Planting MASIKA	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	95,486	102,115	401,961	1,220,815	497,447	1,322,930
Arusha	26,568	24,180	128,025	168,945	154,593	193,126
Kilimanjaro	28,730	10,350	174,698	129,436	203,428	139,786
Tanga	31,421	15,760	241,528	251,577	272,949	267,337
Morogoro	3,385	2,860	274,232	408,263	277,617	411,122
Pwani	2,153	811	79,230	58,395	81,383	59,206
Dar es Salaam	27,509	6,947	104,171	164,637	131,680	171,585
Lindi	1,574	921	215,308	294,566	216,882	295,487
Mtwara	6,612	1,932	280,230	277,268	286,842	279,200
Ruvuma	7,417	3,729	246,087	384,808	253,504	388,537
Iringa	37,144	19,065	140,049	204,917	177,193	223,982
Mbeya	29,795	19,568	265,368	302,520	295,163	322,088
Singida	74,279	72,010	188,020	442,688	262,299	514,698
Tabora	58,703	68,469	240,669	665,515	299,372	733,985
Rukwa	15,222	15,067	192,461	394,108	207,683	409,174
Kigoma	36,615	16,830	283,891	249,982	320,506	266,811
Shinyanga	53,003	53,247	140,304	432,249	193,307	485,496
Kagera	16,074	4,309	272,722	137,783	288,796	142,092
Mwanza	18,249	6,798	149,784	129,778	168,033	136,576
Mara	19,573	16,885	114,860	102,490	134,433	119,376
Manyara	37,135	59,312	108,467	219,700	145,602	279,012
Njombe	4,555	2,447	147,387	167,625	151,942	170,072
Katavi	2,810	6,381	67,232	148,496	70,042	154,877
Simiyu	22,918	42,007	131,187	356,281	154,105	398,288
Geita	7,265	3,055	101,333	70,984	108,598	74,038
Songwe	9,872	7,443	237,716	403,676	247,588	411,119
<b>Mainland Tanzania</b>	<b>674,067</b>	<b>582,498</b>	<b>4,926,920</b>	<b>7,787,502</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	4,416	1,219	17,912	7,328	22,328	8,547
Kusini Unguja	2,651	803	7,923	3,138	10,574	3,942
Mjini Magharibi	6,176	2,037	18,808	9,004	24,984	11,041
Kaskazini Pemba	3,386	729	30,202	12,764	33,588	13,493
Kusini Pemba	3,142	633	40,960	21,700	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>19,771</b>	<b>5,422</b>	<b>115,805</b>	<b>53,934</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>693,838</b>	<b>587,920</b>	<b>5,042,725</b>	<b>7,841,436</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.33: Number of Agricultural Households Reporting Inorganic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Inorganic Fertilizer Use		NOT Using Inorganic Fertilizers		Total Number of Households Planting MASIKA	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	18,233	11,659	479,214	1,311,271	497,447	1,322,930
Arusha	24,011	19,382	130,582	173,743	154,593	193,126
Kilimanjaro	90,972	52,299	112,456	87,488	203,428	139,786
Tanga	23,678	16,912	249,271	250,425	272,949	267,337
Morogoro	39,418	45,379	238,199	365,743	277,617	411,122
Pwani	5,795	3,488	75,588	55,718	81,383	59,206
Dar es Salaam	16,603	19,516	115,077	152,069	131,680	171,585
Lindi	11,691	4,212	205,191	291,276	216,882	295,487
Mtwara	37,032	20,666	249,810	258,534	286,842	279,200
Ruvuma	191,277	215,618	62,227	172,918	253,504	388,537
Iringa	112,330	102,329	64,863	121,653	177,193	223,982
Mbeya	156,430	148,363	138,733	173,725	295,163	322,088
Singida	26,993	28,719	235,306	485,979	262,299	514,698
Tabora	107,036	121,962	192,336	612,023	299,372	733,985
Rukwa	46,953	75,527	160,730	333,647	207,683	409,174
Kigoma	112,769	66,706	207,737	200,105	320,506	266,811
Shinyanga	23,177	23,557	170,130	461,939	193,307	485,496
Kagera	8,042	3,539	280,754	138,553	288,796	142,092
Mwanza	8,023	3,981	160,010	132,596	168,033	136,576
Mara	13,581	9,044	120,852	110,331	134,433	119,376
Manyara	10,076	8,047	135,526	270,965	145,602	279,012
Njombe	117,225	106,665	34,717	63,407	151,942	170,072
Katavi	19,197	23,720	50,845	131,157	70,042	154,877
Simiyu	3,798	3,531	150,307	394,758	154,105	398,288
Geita	9,932	4,063	98,666	69,975	108,598	74,038
Songwe	101,751	93,561	145,837	317,558	247,588	411,119
<b>Mainland Tanzania</b>	<b>1,336,023</b>	<b>1,232,444</b>	<b>4,264,964</b>	<b>7,137,556</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	3,684	1,630	18,644	6,917	22,328	8,547
Kusini Unguja	1,834	539	8,740	3,403	10,574	3,942
Mjini Magharibi	6,351	1,401	18,633	9,640	24,984	11,041
Kaskazini Pemba	5,017	1,928	28,571	11,565	33,588	13,493
Kusini Pemba	13,862	6,014	30,240	16,319	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>30,748</b>	<b>11,511</b>	<b>104,828</b>	<b>47,845</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>1,366,771</b>	<b>1,243,955</b>	<b>4,369,792</b>	<b>7,185,401</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.34: Number of Agricultural Households Reporting Herbicide Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Herbicides Use		NOT Using Herbicides		Total Number of Households Planting MASIKA	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	10,338	9,170	487,109	1,313,760	497,447	1,322,930
Arusha	14,216	19,505	140,377	173,621	154,593	193,126
Kilimanjaro	37,888	27,811	165,540	111,976	203,428	139,786
Tanga	5,208	9,583	267,741	257,754	272,949	267,337
Morogoro	124,322	217,257	153,295	193,866	277,617	411,122
Pwani	7,011	6,604	74,372	52,602	81,383	59,206
Dar es Salaam	13,342	86,612	118,338	84,973	131,680	171,585
Lindi	65,483	78,668	151,399	216,820	216,882	295,487
Mtwara	24,169	28,051	262,673	251,149	286,842	279,200
Ruvuma	35,767	31,484	217,737	357,053	253,504	388,537
Iringa	22,757	24,876	154,436	199,106	177,193	223,982
Mbeya	89,752	107,322	205,411	214,766	295,163	322,088
Singida	10,040	7,769	252,259	506,930	262,299	514,698
Tabora	9,269	10,515	290,103	723,470	299,372	733,985
Rukwa	7,859	11,174	199,824	398,000	207,683	409,174
Kigoma	7,039	2,928	313,467	263,883	320,506	266,811
Shinyanga	4,684	7,893	188,623	477,603	193,307	485,496
Kagera	9,049	5,084	279,747	137,008	288,796	142,092
Mwanza	5,239	5,993	162,794	130,584	168,033	136,576
Mara	2,749	2,708	131,684	116,668	134,433	119,376
Manyara	4,851	30,806	140,751	248,206	145,602	279,012
Njombe	7,333	8,982	144,609	161,090	151,942	170,072
Katavi	4,029	5,146	66,013	149,731	70,042	154,877
Simiyu	1,706	1,504	152,399	396,784	154,105	398,288
Geita	4,016	5,373	104,582	68,665	108,598	74,038
Songwe	57,002	58,970	190,586	352,149	247,588	411,119
<b>Mainland Tanzania</b>	<b>585,118</b>	<b>811,784</b>	<b>5,015,869</b>	<b>7,558,217</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	2,277	865	20,051	7,682	22,328	8,547
Kusini Unguja	1,433	506	9,141	3,436	10,574	3,942
Mjini Magharibi	1,939	655	23,045	10,386	24,984	11,041
Kaskazini Pemba	1,420	586	32,168	12,907	33,588	13,493
Kusini Pemba	8,508	3,482	35,594	18,851	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>15,577</b>	<b>6,093</b>	<b>119,999</b>	<b>53,262</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>600,695</b>	<b>817,877</b>	<b>5,135,868</b>	<b>7,611,479</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.35: Number of Agricultural Households Reporting Fungicide Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Fungicides Use		NOT Using Fungicides		Total Number of Households Planting in MASIKA	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	8,961	11,898	488,486	1,311,032	497,447	1,322,930
Arusha	11,229	6,667	143,364	186,459	154,593	193,126
Kilimanjaro	20,761	12,609	182,667	127,178	203,428	139,786
Tanga	15,863	7,815	257,086	259,522	272,949	267,337
Morogoro	15,447	13,649	262,170	397,473	277,617	411,122
Pwani	5,933	4,458	75,450	54,748	81,383	59,206
Dar es Salaam	8,216	6,998	123,464	164,586	131,680	171,585
Lindi	8,695	4,628	208,187	290,859	216,882	295,487
Mtwara	8,129	5,753	278,713	273,447	286,842	279,200
Ruvuma	6,789	3,795	246,715	384,742	253,504	388,537
Iringa	28,480	12,733	148,713	211,249	177,193	223,982
Mbeya	42,471	34,180	252,692	287,908	295,163	322,088
Singida	7,615	2,873	254,684	511,826	262,299	514,698
Tabora	4,917	3,742	294,455	730,242	299,372	733,985
Rukwa	11,857	10,747	195,826	398,428	207,683	409,174
Kigoma	7,291	2,854	313,215	263,958	320,506	266,811
Shinyanga	4,429	5,688	188,878	479,808	193,307	485,496
Kagera	6,729	1,998	282,067	140,094	288,796	142,092
Mwanza	7,084	1,649	160,949	134,928	168,033	136,576
Mara	1,261	445	133,172	118,930	134,433	119,376
Manyara	8,256	5,616	137,346	273,397	145,602	279,012
Njombe	17,985	10,437	133,957	159,635	151,942	170,072
Katavi	965	591	69,077	154,286	70,042	154,877
Simiyu	1,770	822	152,335	397,466	154,105	398,288
Geita	2,594	1,122	106,004	72,916	108,598	74,038
Songwe	6,501	3,847	241,087	407,272	247,588	411,119
<b>Mainland Tanzania</b>	<b>270,228</b>	<b>177,613</b>	<b>5,330,759</b>	<b>8,192,387</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	1,064	439	21,264	8,108	22,328	8,547
Kusini Unguja	705	263	9,869	3,678	10,574	3,942
Mjini Magharibi	2,624	742	22,360	10,299	24,984	11,041
Kaskazini Pemba	286	29	33,302	13,464	33,588	13,493
Kusini Pemba	268	54	43,834	22,278	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>4,947</b>	<b>1,528</b>	<b>130,629</b>	<b>57,828</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>275,175</b>	<b>179,141</b>	<b>5,461,388</b>	<b>8,250,215</b>	<b>5,736,563</b>	<b>8,429,356</b>

**Table 3.36: Number of Agricultural Households Reporting Insecticide Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania – LONG RAINY SEASON**

Region	Insecticides Use		NOT Using Insecticides		Total Number of Households Planting in MASIKA	Total Planted Area (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)		
Dodoma	32,507	35,206	464,940	1,287,724	497,447	1,322,930
Arusha	79,978	100,374	74,615	92,752	154,593	193,126
Kilimanjaro	117,708	80,153	85,720	59,633	203,428	139,786
Tanga	35,007	28,544	237,942	238,793	272,949	267,337
Morogoro	54,935	61,748	222,682	349,374	277,617	411,122
Pwani	20,020	16,964	61,363	42,242	81,383	59,206
Dar es Salaam	21,395	11,124	110,285	160,461	131,680	171,585
Lindi	87,067	80,907	129,815	214,580	216,882	295,487
Mtwara	55,373	45,339	231,469	233,861	286,842	279,200
Ruvuma	47,277	41,891	206,227	346,645	253,504	388,537
Iringa	110,792	94,143	66,401	129,839	177,193	223,982
Mbeya	86,890	83,652	208,273	238,437	295,163	322,088
Singida	32,553	32,720	229,746	481,979	262,299	514,698
Tabora	74,211	89,195	225,161	644,790	299,372	733,985
Rukwa	55,093	84,573	152,590	324,602	207,683	409,174
Kigoma	28,756	14,022	291,750	252,789	320,506	266,811
Shinyanga	32,511	45,822	160,796	439,674	193,307	485,496
Kagera	17,886	6,240	270,910	135,852	288,796	142,092
Mwanza	19,549	21,792	148,484	114,785	168,033	136,576
Mara	13,056	10,678	121,377	108,697	134,433	119,376
Manyara	35,282	64,618	110,320	214,394	145,602	279,012
Njombe	89,421	69,522	62,521	100,550	151,942	170,072
Katavi	11,143	17,543	58,899	137,334	70,042	154,877
Simiyu	67,680	113,328	86,425	284,960	154,105	398,288
Geita	14,443	11,270	94,155	62,768	108,598	74,038
Songwe	36,033	41,786	211,555	369,333	247,588	411,119
<b>Mainland Tanzania</b>	<b>1,276,566</b>	<b>1,303,152</b>	<b>4,324,421</b>	<b>7,066,848</b>	<b>5,600,987</b>	<b>8,370,000</b>
Kaskazini Unguja	3,255	985	19,073	7,562	22,328	8,547
Kusini Unguja	1,818	660	8,756	3,281	10,574	3,942
Mjini Magharibi	3,361	1,173	21,623	9,868	24,984	11,041
Kaskazini Pemba	1,158	359	32,430	13,134	33,588	13,493
Kusini Pemba	2,565	682	41,537	21,651	44,102	22,333
<b>Tanzania Zanzibar</b>	<b>12,157</b>	<b>3,859</b>	<b>123,419</b>	<b>55,497</b>	<b>135,576</b>	<b>59,356</b>
<b>Tanzania</b>	<b>1,288,723</b>	<b>1,307,011</b>	<b>4,447,840</b>	<b>7,122,345</b>	<b>5,736,563</b>	<b>8,429,356</b>

## **SHORT AND LONG RAINY SEASONS**

**Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania - SHORT and LONG RAINY SEASON**

Region	Maize				Paddy			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	393,822	345,636	384,117	1.1	32,810	15,066	39,635	2.6
Arusha	150,500	121,764	220,204	1.8	386	339	1,493	4.4
Kilimanjaro	146,178	118,680	194,725	1.6	8,592	7,023	23,785	3.4
Tanga	397,028	369,776	429,788	1.2	11,266	6,589	14,249	2.2
Morogoro	218,732	184,755	212,957	1.2	309,624	264,141	572,884	2.2
Pwani	61,535	46,098	69,914	1.5	37,951	19,604	40,784	2.1
Dar es Salaam	86,713	69,886	114,955	1.6	53,471	43,401	93,805	2.2
Lindi	80,284	61,768	104,268	1.7	23,480	19,769	32,199	1.6
Mtwara	72,901	67,690	111,287	1.6	22,562	18,005	28,637	1.6
Ruvuma	262,848	255,645	498,685	2.0	55,187	50,663	95,359	1.9
Iringa	160,006	126,699	164,072	1.3	26,631	25,338	81,346	3.2
Mbeya	173,097	155,785	293,993	1.9	128,083	116,778	413,212	3.5
Singida	235,323	213,193	337,702	1.6	9,051	8,306	19,225	2.3
Tabora	383,633	333,138	414,376	1.2	255,910	217,170	330,274	1.5
Rukwa	225,377	207,687	338,988	1.6	31,577	28,782	85,883	3.0
Kigoma	138,777	134,168	181,100	1.3	22,734	16,285	41,884	2.6
Shinyanga	137,766	111,280	179,568	1.6	182,173	179,077	381,092	2.1
Kagera	168,468	146,840	226,569	1.5	17,189	17,080	36,890	2.2
Mwanza	179,238	155,182	216,625	1.4	135,957	133,104	328,584	2.5
Mara	177,949	145,778	221,158	1.5	17,174	16,079	38,654	2.4
Manyara	308,883	295,117	469,038	1.6	3,212	3,167	9,020	2.8
Njombe	108,870	83,928	167,281	2.0	1,643	1,620	7,162	4.4
Katavi	75,603	71,533	126,582	1.8	36,442	35,107	112,919	3.2
Simiyu	181,541	158,570	220,841	1.4	48,914	47,677	118,551	2.5
Geita	184,434	178,258	250,487	1.4	145,961	144,720	332,653	2.3
Songwe	218,243	184,305	351,498	1.9	37,107	25,679	50,114	2.0
<b>Mainland Tanzania</b>	<b>4,927,748</b>	<b>4,343,159</b>	<b>6,500,776</b>	<b>1.5</b>	<b>1,655,087</b>	<b>1,460,571</b>	<b>3,330,293</b>	<b>2.3</b>
Kaskazini Unguja	1,141	536	1,166	2.2	3,629	2,847	7,821	2.7
Kusini Unguja	347	163	226	1.4	964	708	1,463	2.1
Mjini Magharibi	1,085	891	2,031	2.3	8,124	5,565	13,416	2.4
Kaskazini Pemba	132	110	240	2.2	6,818	5,459	12,426	2.3
Kusini Pemba	658	406	289	0.7	13,620	9,975	15,296	1.5
<b>Tanzania Zanzibar</b>	<b>3,363</b>	<b>2,106</b>	<b>3,951</b>	<b>1.9</b>	<b>33,155</b>	<b>24,554</b>	<b>50,421</b>	<b>2.1</b>
<b>Tanzania</b>	<b>4,931,111</b>	<b>4,345,266</b>	<b>6,504,727</b>	<b>1.5</b>	<b>1,688,241</b>	<b>1,485,125</b>	<b>3,380,715</b>	<b>2.3</b>



**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Bulrush Millet					Finger Millet				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	122,623	107,376	100,085	107,953	1.1	10,977	5,249	4,794	5,420	1.1
Arusha	-	-	-	-	-	436	190	177	339	1.9
Kilimanjaro	-	-	-	-	-	2,184	441	390	587	1.5
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	123	50	50	65	1.3	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	1,020	203	80	100	1.3
Ruvuma	-	-	-	-	-	5,951	2,490	2,490	2,858	1.1
Iringa	-	-	-	-	-	5,696	1,686	1,412	1,847	1.3
Mbeya	-	-	-	-	-	2,786	759	759	906	1.2
Singida	30,580	29,708	23,501	28,518	1.2	7,920	4,414	3,761	4,423	1.2
Tabora	1,109	1,323	590	670	1.1	825	906	906	1,234	1.4
Rukwa	-	-	-	-	-	9,440	7,004	6,917	8,853	1.3
Kigoma	621	102	102	130	1.3	1,516	226	226	186	0.8
Shinyanga	6,688	7,655	6,141	6,825	1.1	274	177	177	202	1.1
Kagera	-	-	-	-	-	1,353	277	149	176	1.2
Mwanza	952	1,516	1,516	1,859	1.2	604	146	146	98	0.7
Mara	119	48	48	64	1.3	3,685	1,607	1,017	993	1.0
Manyara	3,667	2,098	1,854	1,597	0.9	4,021	1,947	1,656	1,757	1.1
Njombe	512	205	121	55	0.5	1,989	601	572	761	1.3
Katavi	-	-	-	-	-	124	13	13	14	1.1
Simiyu	-	-	-	-	-	321	65	49	86	1.8
Geita	1,168	342	241	276	1.1	1,259	542	454	374	0.8
Songwe	-	-	-	-	-	6,076	2,525	1,622	1,738	1.1
<b>Mainland Tanzania</b>	<b>168,162</b>	<b>150,423</b>	<b>134,250</b>	<b>148,011</b>	<b>1.1</b>	<b>68,457</b>	<b>31,468</b>	<b>27,767</b>	<b>32,950</b>	<b>1.2</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	626	63	25	24	0.9	-	-	-	-	-
Kusini Pemba	343	47	39	126	3.3	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>969</b>	<b>110</b>	<b>64</b>	<b>150</b>	<b>2.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>169,131</b>	<b>150,532</b>	<b>134,314</b>	<b>148,162</b>	<b>1.1</b>	<b>68,457</b>	<b>31,468</b>	<b>27,767</b>	<b>32,950</b>	<b>1.2</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Sorghum				Wheat			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	203,783	180,813	255,262	1.4	-	-	-	-
Arusha	1,735	1,541	2,002	1.3	414	29	3	0.1
Kilimanjaro	290	290	410	1.4	5,210	4,669	4,401	0.9
Tanga	511	368	519	1.4	177	-	-	-
Morogoro	4,311	2,615	3,857	1.5	69	-	-	-
Pwani	400	359	419	1.2	-	-	-	-
Dar es Salaam	787	787	497	0.6	68,750	68,750	84,941	1.2
Lindi	25,621	22,496	30,631	1.4	-	-	-	-
Mtwara	5,168	4,463	6,022	1.3	-	-	-	-
Ruvuma	331	53	74	1.4	4,299	667	565	0.8
Iringa	5,746	5,622	9,764	1.7	1,905	133	47	0.4
Mbeya	1,739	1,465	1,585	1.1	424	92	95	1.0
Singida	60,548	47,832	65,646	1.4	-	-	-	-
Tabora	12,510	9,289	10,719	1.2	-	-	-	-
Rukwa	12,435	11,763	12,258	1.0	2,167	1,759	1,845	1.0
Kigoma	2,607	2,577	4,759	1.8	-	-	-	-
Shinyanga	19,051	16,870	20,903	1.2	-	-	-	-
Kagera	7,487	7,194	8,213	1.1	135	135	160	1.2
Mwanza	20,306	18,006	23,829	1.3	-	-	-	-
Mara	26,639	19,906	22,582	1.1	54	-	-	-
Manyara	9,703	8,067	9,853	1.2	685	115	74	0.6
Njombe	342	342	268	0.8	7,369	1,926	1,052	0.5
Katavi	1,458	1,248	1,670	1.3	-	-	-	-
Simiyu	29,221	26,707	31,514	1.2	-	-	-	-
Geita	5,127	4,965	5,176	1.0	-	-	-	-
Songwe	54,914	51,838	72,960	1.4	-	-	-	-
<b>Mainland Tanzania</b>	<b>512,767</b>	<b>447,474</b>	<b>601,390</b>	<b>1.3</b>	<b>91,659</b>	<b>78,274</b>	<b>93,184</b>	<b>1.2</b>
Kaskazini Unguja	20	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	101	92	80	0.9	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>121</b>	<b>92</b>	<b>80</b>	<b>0.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>512,888</b>	<b>447,567</b>	<b>601,470</b>	<b>1.3</b>	<b>91,659</b>	<b>78,274</b>	<b>93,184</b>	<b>1.2</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Barley				Cassava			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	6,678	352	2,725	7.7
Arusha	-	-	-	-	2	-	-	-
Kilimanjaro	-	-	-	-	881	350	2,612	7.5
Tanga	-	-	-	-	2,662	1,803	12,153	6.7
Morogoro	-	-	-	-	9,085	2,183	20,130	9.2
Pwani	-	-	-	-	41,082	21,967	189,759	8.6
Dar es Salaam	-	-	-	-	39,350	15,182	111,550	7.3
Lindi	-	-	-	-	21,826	11,595	113,294	9.8
Mtwara	-	-	-	-	60,740	36,979	372,828	10.1
Ruvuma	-	-	-	-	12,500	2,847	27,064	9.5
Iringa	-	-	-	-	603	130	592	4.5
Mbeya	58	15	14	1.0	1,294	318	2,225	7.0
Singida	-	-	-	-	3,722	316	2,307	7.3
Tabora	-	-	-	-	15,553	508	3,673	7.2
Rukwa	251	251	341	1.4	16,969	4,742	35,681	7.5
Kigoma	-	-	-	-	11,459	2,190	17,599	8.0
Shinyanga	-	-	-	-	12,930	1,422	11,156	7.8
Kagera	-	-	-	-	27,858	6,119	58,705	9.6
Mwanza	-	-	-	-	56,661	9,666	98,903	10.2
Mara	-	-	-	-	57,889	6,926	70,821	10.2
Manyara	-	-	-	-	314	-	-	-
Njombe	-	-	-	-	5,518	27	218	8.0
Katavi	-	-	-	-	881	-	-	-
Simiyu	-	-	-	-	1,323	164	730	4.4
Geita	-	-	-	-	32,126	2,465	22,957	9.3
Songwe	-	-	-	-	304	-	-	-
<b>Mainland Tanzania</b>	<b>308</b>	<b>265</b>	<b>355</b>	<b>1.3</b>	<b>440,208</b>	<b>128,251</b>	<b>1,177,683</b>	<b>9.2</b>
Kaskazini Unguja	-	-	-	-	9,549	5,302	32,389	6.1
Kusini Unguja	-	-	-	-	4,124	2,506	17,280	6.9
Mjini Magharibi	-	-	-	-	8,406	5,361	35,489	6.6
Kaskazini Pemba	-	-	-	-	17,139	10,183	69,557	6.8
Kusini Pemba	-	-	-	-	23,225	12,112	27,369	2.3
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>62,444</b>	<b>35,464</b>	<b>182,084</b>	<b>5.1</b>
<b>Tanzania</b>	<b>308</b>	<b>265</b>	<b>355</b>	<b>1.3</b>	<b>502,652</b>	<b>163,715</b>	<b>1,359,768</b>	<b>8.3</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Irish Potatoes				Yams			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	16	-	-	-	212	-	-	-
Arusha	2,482	2,092	7,732	3.7	46	46	50	1.1
Kilimanjaro	2,214	2,064	8,084	3.9	72	72	124	1.7
Tanga	10,291	8,562	25,040	2.9	89	69	253	3.7
Morogoro	-	-	-	-	163	23	17	0.7
Pwani	55	55	110	2	39	39	107	2.7
Dar es Salaam	11,648	11,648	122,240	10.5	799	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	310	220	414	1.9
Ruvuma	23	23	22	1	-	-	-	-
Iringa	2,479	1,412	6,536	4.6	-	-	-	-
Mbeya	15,267	13,077	81,939	6.3	27	27	75	2.8
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	52	52	77	1.5
Rukwa	433	139	288	2.1	660	488	611	1.3
Kigoma	158	158	402	2.5	-	-	-	-
Shinyanga	28	21	51	2.4	-	-	-	-
Kagera	4,565	3,830	8,950	2.3	280	261	394	1.5
Mwanza	-	-	-	-	280	280	516	1.8
Mara	344	344	707	2.1	-	-	-	-
Manyara	1,760	1,054	6,272	6	246	246	255	1
Njombe	12,286	8,316	48,987	5.9	-	-	-	-
Katavi	-	-	-	-	43	43	200	4.7
Simiyu	103	103	158	1.5	-	-	-	-
Geita	-	-	-	-	132	-	-	-
Songwe	266	219	1,795	8.2	1,352	1,352	1,372	1
<b>Mainland Tanzania</b>	<b>64,418</b>	<b>53,115</b>	<b>319,314</b>	<b>6</b>	<b>4,801</b>	<b>3,217</b>	<b>4,463</b>	<b>1.4</b>
Kaskazini Unguja	-	-	-	-	734	186	313	1.7
Kusini Unguja	11	-	-	-	458	330	583	1.8
Mjini Magharibi	-	-	-	-	711	392	910	2.3
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	11	1	3	4.2
<b>Tanzania Zanzibar</b>	<b>11</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,913</b>	<b>908</b>	<b>1,809</b>	<b>2</b>
<b>Tanzania</b>	<b>64,429</b>	<b>53,115</b>	<b>319,314</b>	<b>6</b>	<b>6,715</b>	<b>4,125</b>	<b>6,272</b>	<b>1.5</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Sweet Potatoes				Cocoyams			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	9,310	5,223	9,031	1.7	-	-	-	-
Arusha	85	11	21	2.0	135	106	163	1.5
Kilimanjaro	274	208	557	2.7	971	525	770	1.5
Tanga	1,251	718	2,180	3.0	851	553	1,032	1.9
Morogoro	6,089	4,297	6,176	1.4	1,075	386	607	1.6
Pwani	2,563	1,238	5,291	4.3	-	-	-	-
Dar es Salaam	1,018	454	355	0.8	18	18	42	2.3
Lindi	1,634	919	2,868	3.1	-	-	-	-
Mtwara	477	380	547	1.4	-	-	-	-
Ruvuma	1,913	1,575	5,474	3.5	40	39	92	2.4
Iringa	1,443	673	3,061	4.5	104	78	105	1.3
Mbeya	2,945	2,182	6,739	3.1	656	479	870	1.8
Singida	11,626	8,295	14,311	1.7	-	-	-	-
Tabora	44,745	37,575	75,013	2.0	-	-	-	-
Rukwa	3,005	1,892	5,196	2.7	-	-	-	-
Kigoma	2,011	1,600	2,728	1.7	244	117	197	1.7
Shinyanga	35,522	32,048	49,681	1.6	-	-	-	-
Kagera	13,242	10,828	23,500	2.2	4,569	2,311	3,397	1.5
Mwanza	61,326	48,973	94,707	1.9	24	-	-	-
Mara	7,199	5,791	12,022	2.1	-	-	-	-
Manyara	984	382	720	1.9	37	37	68	1.8
Njombe	215	152	375	2.5	-	-	-	-
Katavi	3,135	2,043	4,344	2.1	-	-	-	-
Simiyu	25,590	24,737	73,886	3.0	-	-	-	-
Geita	43,454	38,209	66,582	1.7	41	6	7	1.0
Songwe	1,719	807	756	0.9	601	122	51	0.4
<b>Mainland Tanzania</b>	<b>282,773</b>	<b>231,209</b>	<b>466,122</b>	<b>2.0</b>	<b>9,368</b>	<b>4,778</b>	<b>7,400</b>	<b>1.5</b>
Kaskazini Unguja	2,049	988	10,481	10.6	84	45	84	1.8
Kusini Unguja	753	350	3,520	10.1	205	89	231	2.6
Mjini Magharibi	2,136	1,276	14,531	11.4	459	202	483	2.4
Kaskazini Pemba	1,808	711	8,247	11.6	59	35	60	1.7
Kusini Pemba	399	131	1,401	10.7	458	288	552	1.9
<b>Tanzania Zanzibar</b>	<b>7,144</b>	<b>3,455</b>	<b>38,180</b>	<b>11.0</b>	<b>1,266</b>	<b>659</b>	<b>1,409</b>	<b>2.1</b>
<b>Tanzania</b>	<b>289,917</b>	<b>234,664</b>	<b>504,302</b>	<b>2.1</b>	<b>10,634</b>	<b>5,437</b>	<b>8,809</b>	<b>1.6</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Onion				Ginger			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	5,708	3,927	13,551	3.5	-	-	-	-
Arusha	2,928	1,057	5,993	5.7	-	-	-	-
Kilimanjaro	2,384	108	821	7.6	2,382	1,045	6,237	6
Tanga	660	397	1,248	3.1	272	264	1,820	6.9
Morogoro	555	375	1,581	4.2	717	193	1,652	8.5
Pwani	84	84	458	5.4	78	78	192	2.5
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	657	274	497	1.8	202	-	-	-
Mtwara	114	26	82	3.2	-	-	-	-
Ruvuma	592	176	505	2.9	156	112	221	2
Iringa	2,340	1,332	8,589	6.4	-	-	-	-
Mbeya	459	260	1,643	6.3	166	166	284	1.7
Singida	4,124	2,159	12,022	5.6	-	-	-	-
Tabora	1,358	794	2,405	3	-	-	-	-
Rukwa	512	169	510	3	-	-	-	-
Kigoma	273	177	175	1	271	162	1,142	7
Shinyanga	248	163	273	1.7	-	-	-	-
Kagera	49	49	92	1.9	-	-	-	-
Mwanza	210	163	470	2.9	-	-	-	-
Mara	365	365	729	2	-	-	-	-
Manyara	3,588	3,014	10,564	3.5	-	-	-	-
Njombe	170	101	932	9.2	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	554	104	64	0.6	-	-	-	-
Geita	140	101	300	3	13	-	-	-
Songwe	251	194	450	2.3	-	-	-	-
<b>Mainland Tanzania</b>	<b>28,323</b>	<b>15,572</b>	<b>63,954</b>	<b>4.1</b>	<b>4,257</b>	<b>2,021</b>	<b>11,548</b>	<b>5.7</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	13	13	2	0.2	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>13</b>	<b>13</b>	<b>2</b>	<b>0.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>28,335</b>	<b>15,586</b>	<b>63,956</b>	<b>4.1</b>	<b>4,257</b>	<b>2,021</b>	<b>11,548</b>	<b>5.7</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Beans				Cowpeas			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	11,842	7,706	5,439	0.7	7,609	5,782	14,761	2.6
Arusha	57,364	48,188	43,470	0.9	140	64	147	2.3
Kilimanjaro	47,885	37,637	37,903	1	724	620	1,655	2.7
Tanga	49,597	45,294	43,130	1	5,210	5,035	13,381	2.7
Morogoro	16,630	13,376	13,660	1	3,976	2,730	6,658	2.4
Pwani	322	301	163	0.5	3,913	3,144	7,290	2.3
Dar es Salaam	20,363	19,694	18,606	0.9	1,622	1,437	3,254	2.3
Lindi	-	-	-	-	2,737	2,325	5,641	2.4
Mtwara	45	45	20	0.5	6,527	5,433	13,315	2.5
Ruvuma	41,755	38,307	28,350	0.7	1,116	628	1,841	2.9
Iringa	32,353	26,198	19,059	0.7	3,922	3,561	9,602	2.7
Mbeya	46,542	40,715	33,758	0.8	835	684	1,921	2.8
Singida	6,556	5,741	3,654	0.6	4,936	4,303	10,752	2.5
Tabora	5,239	3,921	3,037	0.8	3,849	3,206	10,015	3.1
Rukwa	67,756	58,725	43,310	0.7	108	108	160	1.5
Kigoma	84,213	80,093	61,766	0.8	567	343	1,171	3.4
Shinyanga	6,323	5,418	3,853	0.7	4,091	2,707	7,326	2.7
Kagera	153,344	120,011	133,592	1.1	673	652	2,408	3.7
Mwanza	18,097	15,943	21,298	1.3	4,440	3,908	11,650	3
Mara	5,214	4,164	5,180	1.2	-	-	-	-
Manyara	71,785	65,721	72,476	1.1	941	941	2,175	2.3
Njombe	20,400	18,950	13,814	0.7	1,159	1,045	3,155	3
Katavi	2,101	1,845	1,281	0.7	97	31	85	2.8
Simiyu	2,847	2,530	2,007	0.8	1,484	1,349	3,646	2.7
Geita	27,106	23,811	31,740	1.3	3,181	2,869	7,033	2.5
Songwe	27,748	24,758	18,905	0.8	193	56	166	3
<b>Mainland Tanzania</b>	<b>823,427</b>	<b>709,093</b>	<b>659,473</b>	<b>0.9</b>	<b>64,050</b>	<b>52,960</b>	<b>139,207</b>	<b>2.6</b>
Kaskazini Unguja	45	15	24	1.6	254	92	297	3.2
Kusini Unguja	-	-	-	-	9	1	1	0.9
Mjini Magharibi	-	-	-	-	3	3	10	3.4
Kaskazini Pemba	-	-	-	-	312	190	414	2.2
Kusini Pemba	13	-	-	-	1,444	1,030	2,954	2.9
<b>Tanzania Zanzibar</b>	<b>58</b>	<b>15</b>	<b>24</b>	<b>1.6</b>	<b>2,022</b>	<b>1,316</b>	<b>3,675</b>	<b>2.8</b>
<b>Tanzania</b>	<b>823,485</b>	<b>709,108</b>	<b>659,497</b>	<b>0.9</b>	<b>66,072</b>	<b>54,276</b>	<b>142,882</b>	<b>2.6</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Garlic				Green Gram			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	5,097	3,702	535	0.1
Arusha	-	-	-	-	2,843	594	114	0.2
Kilimanjaro	-	-	-	-	1,280	1,094	701	0.6
Tanga	-	-	-	-	2,453	2,058	751	0.4
Morogoro	-	-	-	-	1,752	1,702	839	0.5
Pwani	-	-	-	-	535	450	370	0.8
Dar es Salaam	-	-	-	-	334	334	37	0.1
Lindi	-	-	-	-	102	39	4	0.1
Mtwara	-	-	-	-	12,643	11,315	4,130	0.4
Ruvuma	29	-	-	-	408	408	108	0.3
Iringa	28	28	82	3	-	-	-	-
Mbeya	159	72	108	1.5	11	-	-	-
Singida	272	272	268	1	7,797	7,260	1,716	0.2
Tabora	-	-	-	-	3,522	2,804	501	0.2
Rukwa	-	-	-	-	-	-	-	-
Kigoma	30	30	53	1.8	-	-	-	-
Shinyanga	-	-	-	-	7,410	5,570	1,504	0.3
Kagera	-	-	-	-	22	11	1	0.1
Mwanza	87	87	128	1.5	28,042	21,660	13,226	0.6
Mara	-	-	-	-	386	200	93	0.5
Manyara	264	90	172	1.9	1,808	1,714	362	0.2
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	13,367	12,580	6,254	0.5
Geita	-	-	-	-	507	507	109	0.2
Songwe	-	-	-	-	195	195	17	0.1
<b>Mainland Tanzania</b>	<b>868</b>	<b>578</b>	<b>811</b>	<b>1.4</b>	<b>90,514</b>	<b>74,195</b>	<b>31,372</b>	<b>0.4</b>
Kaskazini Unguja	-	-	-	-	102	77	28	0.4
Kusini Unguja	-	-	-	-	87	51	19	0.4
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	18	18	9	0.5
Kusini Pemba	-	-	-	-	288	246	99	0.4
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>496</b>	<b>392</b>	<b>155</b>	<b>0.4</b>
<b>Tanzania</b>	<b>868</b>	<b>578</b>	<b>811</b>	<b>1.4</b>	<b>91,010</b>	<b>74,587</b>	<b>31,526</b>	<b>0.4</b>



**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Pigeon Peas				Chick Peas			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	88,817	7,322	2,585	0.4	15,209	636	640	1
Arusha	6,185	228	96	0.4	738	527	386	0.7
Kilimanjaro	152	97	49	0.5	-	-	-	-
Tanga	1,309	718	106	0.1	-	-	-	-
Morogoro	11,260	4,011	1,509	0.4	-	-	-	-
Pwani	3,366	1,976	1,050	0.5	-	-	-	-
Dar es Salaam	1,891	982	797	0.8	-	-	-	-
Lindi	21,235	16,540	7,682	0.5	-	-	-	-
Mtwara	28,080	20,862	8,130	0.4	-	-	-	-
Ruvuma	17,984	10,634	4,002	0.4	-	-	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	533	118	73	0.6	302	302	249	0.8
Singida	981	407	295	0.7	7,977	2,561	2,185	0.9
Tabora	91	68	17	0.2	1,826	357	271	0.8
Rukwa	295	57	56	1	-	-	-	-
Kigoma	4,606	3,494	1,416	0.4	564	564	666	1.2
Shinyanga	21	4	2	0.4	10,442	2,519	2,501	1
Kagera	303	189	30	0.2	-	-	-	-
Mwanza	70	7	4	0.5	52,560	10,596	9,234	0.9
Mara	-	-	-	-	4,085	-	-	-
Manyara	48,228	19,720	9,652	0.5	14,242	2,268	2,315	1
Njombe	150	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	1,700	1,676	722	0.4	6,414	4,087	3,558	0.9
Geita	22	22	22	1	10,969	6,115	6,087	1
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>237,278</b>	<b>89,132</b>	<b>38,293</b>	<b>0.4</b>	<b>125,330</b>	<b>30,532</b>	<b>28,093</b>	<b>0.9</b>
Kaskazini Unguja	358	209	306	1.5	-	-	-	-
Kusini Unguja	224	129	179	1.4	-	-	-	-
Mjini Magharibi	22	22	34	1.5	-	-	-	-
Kaskazini Pemba	6	6	8	1.4	-	-	-	-
Kusini Pemba	15	15	21	1.5	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>625</b>	<b>381</b>	<b>549</b>	<b>1.4</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>237,903</b>	<b>89,513</b>	<b>38,842</b>	<b>0.4</b>	<b>125,330</b>	<b>30,532</b>	<b>28,093</b>	<b>0.9</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Fiwi				Upupu			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	292	63	10	0.2	-	-	-	-
Arusha	4,752	3,333	1,786	0.5	-	-	-	-
Kilimanjaro	2,495	1,456	902	0.6	-	-	-	-
Tanga	705	396	67	0.2	-	-	-	-
Morogoro	1,629	1,251	269	0.2	-	-	-	-
Pwani	15	15	6	0.4	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	30	30	39	1.3
Mtwara	19	19	1	0	1,055	889	369	0.4
Ruvuma	163	163	2	0	-	-	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	6,615	2,014	3,283	1.6	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>16,686</b>	<b>8,710</b>	<b>6,326</b>	<b>0.7</b>	<b>1,085</b>	<b>919</b>	<b>408</b>	<b>0.4</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	7	7	2	0.2	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>7</b>	<b>7</b>	<b>2</b>	<b>0.2</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>16,692</b>	<b>8,717</b>	<b>6,328</b>	<b>0.7</b>	<b>1,085</b>	<b>919</b>	<b>408</b>	<b>0.4</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Field Peas				Bambaranuts			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	62	-	-	-	13,305	12,035	7,516	0.6
Arusha	57	57	14	0.2	35	-	-	-
Kilimanjaro	1,696	1,546	3,312	2.1	-	-	-	-
Tanga	119	119	153	1.3	-	-	-	-
Morogoro	57	57	85	1.5	248	248	165	0.7
Pwani	83	83	137	1.6	-	-	-	-
Dar es Salaam	-	-	-	-	92	92	17	0.2
Lindi	-	-	-	-	1,279	1,067	319	0.3
Mtwara	-	-	-	-	13,109	12,454	7,461	0.6
Ruvuma	-	-	-	-	335	308	155	0.5
Iringa	6,778	5,656	10,628	1.9	148	148	146	1
Mbeya	1,110	951	1,027	1.1	427	357	330	0.9
Singida	-	-	-	-	3,875	3,309	2,308	0.7
Tabora	-	-	-	-	6,987	5,658	4,247	0.8
Rukwa	291	291	42	0.1	25	25	24	1
Kigoma	62	62	11	0.2	141	141	14	0.1
Shinyanga	36	36	2	0	3,700	3,498	1,859	0.5
Kagera	1,706	1,527	666	0.4	2,513	1,913	1,051	0.5
Mwanza	-	-	-	-	2,512	2,463	676	0.3
Mara	-	-	-	-	61	61	69	1.1
Manyara	38	38	34	0.9	996	945	251	0.3
Njombe	1,752	1,066	576	0.5	190	190	229	1.2
Katavi	89	89	38	0.4	6	6	7	1.2
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	1,223	1,223	506	0.4
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>13,939</b>	<b>11,579</b>	<b>16,725</b>	<b>1.4</b>	<b>51,206</b>	<b>46,141</b>	<b>27,351</b>	<b>0.6</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	65	7	5	0.8
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>65</b>	<b>7</b>	<b>5</b>	<b>0.8</b>
<b>Tanzania</b>	<b>13,939</b>	<b>11,579</b>	<b>16,725</b>	<b>1.4</b>	<b>51,271</b>	<b>46,148</b>	<b>27,356</b>	<b>0.6</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Sunflower				Sesame/Simsim			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	202,658	193,533	202,528	1	77,719	74,375	21,980	0.3
Arusha	2,089	1,500	1,669	1.1	306	306	169	0.6
Kilimanjaro	7,238	6,550	8,075	1.2	924	895	304	0.3
Tanga	7,385	7,134	8,553	1.2	1,247	895	819	0.9
Morogoro	14,030	10,881	13,035	1.2	20,171	17,563	6,523	0.4
Pwani	345	243	404	1.7	21,840	17,591	5,832	0.3
Dar es Salaam	4,197	3,925	6,247	1.6	4,580	4,580	1,819	0.4
Lindi	151	117	123	1.1	113,169	91,820	26,900	0.3
Mtwara	264	264	209	0.8	37,877	34,577	10,433	0.3
Ruvuma	11,218	11,057	12,246	1.1	42,844	39,818	13,237	0.3
Iringa	21,316	16,251	18,078	1.1	2,288	1,880	1,202	0.6
Mbeya	12,280	12,041	14,530	1.2	2,316	2,316	1,192	0.5
Singida	85,457	75,527	67,706	0.9	23,342	21,971	6,616	0.3
Tabora	21,228	19,619	22,153	1.1	550	247	219	0.9
Rukwa	28,636	26,281	24,716	0.9	6,454	6,255	1,730	0.3
Kigoma	645	645	794	1.2	-	-	-	-
Shinyanga	4,594	3,658	3,442	0.9	567	567	430	0.8
Kagera	1,885	1,677	2,948	1.8	-	-	-	-
Mwanza	2,246	2,116	2,699	1.3	168	168	154	0.9
Mara	658	530	684	1.3	169	59	82	1.4
Manyara	57,228	53,780	57,722	1.1	2,174	2,080	886	0.4
Njombe	7,026	6,912	6,171	0.9	-	-	-	-
Katavi	1,735	1,542	1,856	1.2	10,925	10,140	3,075	0.3
Simiyu	7,317	6,581	6,438	1	1,452	1,452	1,321	0.9
Geita	2,714	2,625	3,071	1.2	142	142	121	0.9
Songwe	19,509	16,651	16,935	1	71,464	62,413	23,544	0.4
<b>Mainland Tanzania</b>	<b>524,050</b>	<b>481,641</b>	<b>503,032</b>	<b>1</b>	<b>442,689</b>	<b>392,110</b>	<b>128,588</b>	<b>0.3</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>524,050</b>	<b>481,641</b>	<b>503,032</b>	<b>1</b>	<b>442,689</b>	<b>392,110</b>	<b>128,588</b>	<b>0.3</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Groundnut				Roselle				
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	132,427	126,539	176,287	1.4	1,696	654	438	359	0.8
Arusha	-	-	-	-	-	-	-	-	-
Kilimanjaro	2,065	1,999	2,919	1.5	-	-	-	-	-
Tanga	2,932	2,743	3,331	1.2	-	-	-	-	-
Morogoro	4,393	4,029	5,132	1.3	-	-	-	-	-
Pwani	352	323	840	2.6	-	-	-	-	-
Dar es Salaam	693	443	1,015	2.3	-	-	-	-	-
Lindi	2,870	2,724	2,713	1	-	-	-	-	-
Mtwara	17,123	16,076	16,712	1	-	-	-	-	-
Ruvuma	5,789	5,327	7,154	1.3	-	-	-	-	-
Iringa	943	896	1,924	2.1	-	-	-	-	-
Mbeya	20,601	19,235	24,382	1.3	-	-	-	-	-
Singida	22,533	20,138	21,769	1.1	-	-	-	-	-
Tabora	103,486	89,199	97,677	1.1	-	-	-	-	-
Rukwa	13,529	13,206	21,701	1.6	-	-	-	-	-
Kigoma	16,272	15,174	18,697	1.2	-	-	-	-	-
Shinyanga	45,746	39,011	41,031	1.1	-	-	-	-	-
Kagera	12,890	11,223	14,350	1.3	-	-	-	-	-
Mwanza	13,585	12,952	16,933	1.3	-	-	-	-	-
Mara	469	425	605	1.4	-	-	-	-	-
Manyara	10,350	10,350	21,156	2	-	-	-	-	-
Njombe	1,276	1,230	2,006	1.6	-	-	-	-	-
Katavi	17,373	16,290	22,996	1.4	-	-	-	-	-
Simiyu	15,327	14,390	16,085	1.1	-	-	-	-	-
Geita	40,702	36,773	50,062	1.4	-	-	-	-	-
Songwe	23,416	22,973	33,497	1.5	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>527,142</b>	<b>483,668</b>	<b>620,975</b>	<b>1.3</b>	<b>1,696</b>	<b>654</b>	<b>438</b>	<b>359</b>	<b>0.8</b>
Kaskazini Unguja	42	34	26	0.8	-	-	-	-	-
Kusini Unguja	43	19	11	0.6	-	-	-	-	-
Mjini Magharibi	44	39	9	0.2	-	-	-	-	-
Kaskazini Pemba	273	264	189	0.7	-	-	-	-	-
Kusini Pemba	829	660	455	0.7	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,231</b>	<b>1,017</b>	<b>690</b>	<b>0.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>528,373</b>	<b>484,684</b>	<b>621,665</b>	<b>1.3</b>	<b>1,696</b>	<b>654</b>	<b>438</b>	<b>359</b>	<b>0.8</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Soyabeans				Cotton			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	59	59	52	0.9	-	-	-	-
Arusha	-	-	-	-	-	-	-	-
Kilimanjaro	21	21	38	1.8	-	-	-	-
Tanga	374	374	600	1.6	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-
Pwani	30	2	1	0.5	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	616	-	-	-	-	-	-	-
Mtwara	58	58	43	0.7	-	-	-	-
Ruvuma	21,023	19,413	17,550	0.9	-	-	-	-
Iringa	16	16	55	3.4	-	-	-	-
Mbeya	91	91	108	1.2	-	-	-	-
Singida	-	-	-	-	4,684	2,894	3,243	1.1
Tabora	-	-	-	-	30,103	26,391	37,993	1.4
Rukwa	51	51	8	0.1	-	-	-	-
Kigoma	268	268	198	0.7	1,711	1,473	2,263	1.5
Shinyanga	159	159	163	1	43,601	31,856	43,914	1.4
Kagera	228	228	419	1.8	2,876	2,218	3,471	1.6
Mwanza	-	-	-	-	24,633	14,509	19,010	1.3
Mara	18	18	33	1.8	18,032	12,575	18,109	1.4
Manyara	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	2,567	2,261	2,447	1.1
Simiyu	-	-	-	-	152,979	126,518	163,729	1.3
Geita	-	-	-	-	32,185	25,839	36,666	1.4
Songwe	463	463	442	1	-	-	-	-
<b>Mainland Tanzania</b>	<b>23,475</b>	<b>21,220</b>	<b>19,710</b>	<b>0.9</b>	<b>313,370</b>	<b>246,534</b>	<b>330,845</b>	<b>1.3</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>23,475</b>	<b>21,220</b>	<b>19,710</b>	<b>0.9</b>	<b>313,370</b>	<b>246,534</b>	<b>330,845</b>	<b>1.3</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Cabbage				Spinach			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	19	19	598	30.8	280	128	308	2.4
Arusha	272	117	1,901	16.3	191	109	902	8.3
Kilimanjaro	144	144	4,973	34.5	108	64	277	4.3
Tanga	1,383	1,167	9,714	8.3	399	250	316	1.3
Morogoro	120	108	1,337	12.4	23	23	96	4.1
Pwani	46	46	148	3.2	191	149	1,189	8
Dar es Salaam	-	-	-	-	1,169	764	5,402	7.1
Lindi	54	54	2,127	39.5	-	-	-	-
Mtwara	81	-	-	-	68	68	168	2.5
Ruvuma	189	132	2,493	19	364	322	295	0.9
Iringa	280	238	2,542	10.7	510	224	330	1.5
Mbeya	354	173	3,662	21.1	548	416	2,030	4.9
Singida	54	31	60	1.9	-	-	-	-
Tabora	49	-	-	-	-	-	-	-
Rukwa	-	-	-	-	124	124	661	5.3
Kigoma	484	208	3,596	17.3	146	90	727	8.1
Shinyanga	115	-	-	-	-	-	-	-
Kagera	338	125	299	2.4	182	154	67	0.4
Mwanza	61	41	474	11.6	398	291	485	1.7
Mara	15	15	78	5.3	281	208	1,864	9
Manyara	-	-	-	-	163	43	158	3.7
Njombe	32	11	-	-	7	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	74	19	39	2	19	-	-	-
Geita	317	160	1,113	6.9	35	13	7	0.6
Songwe	-	-	-	-	95	51	8	0.2
<b>Mainland Tanzania</b>	<b>4,482</b>	<b>2,809</b>	<b>35,154</b>	<b>12.5</b>	<b>5,303</b>	<b>3,490</b>	<b>15,289</b>	<b>4.4</b>
Kaskazini Unguja	-	-	-	-	18	6	1	0.2
Kusini Unguja	-	-	-	-	26	26	17	0.7
Mjini Magharibi	2	2	2	1.1	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1.1</b>	<b>44</b>	<b>32</b>	<b>18</b>	<b>0.6</b>
<b>Tanzania</b>	<b>4,484</b>	<b>2,811</b>	<b>35,156</b>	<b>12.5</b>	<b>5,347</b>	<b>3,522</b>	<b>15,307</b>	<b>4.3</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Carrot				Pumpkins			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	370	370	2,289	6.2
Arusha	1,112	210	1,378	6.5	289	30	197	6.7
Kilimanjaro	2,618	2,231	13,230	5.9	-	-	-	-
Tanga	285	134	672	5	161	142	1,017	7.2
Morogoro	-	-	-	-	71	40	228	5.7
Pwani	-	-	-	-	361	265	1,734	6.6
Dar es Salaam	-	-	-	-	106	96	513	5.3
Lindi	18	-	-	-	122	40	290	7.3
Mtwara	-	-	-	-	60	40	267	6.7
Ruvuma	27	27	80	3	14	14	83	6
Iringa	8	-	-	-	144	144	883	6.1
Mbeya	942	942	14,796	15.7	722	250	1,571	6.3
Singida	-	-	-	-	107	107	664	6.2
Tabora	-	-	-	-	83	54	331	6.2
Rukwa	-	-	-	-	-	-	-	-
Kigoma	9	9	7	0.7	6	6	44	6.8
Shinyanga	-	-	-	-	151	151	951	6.3
Kagera	13	13	111	8.3	-	-	-	-
Mwanza	-	-	-	-	397	128	1,303	10.2
Mara	-	-	-	-	-	-	-	-
Manyara	115	115	1,417	12.4	523	500	3,630	7.3
Njombe	141	141	349	2.5	23	23	117	5
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	100	43	269	6.2
Songwe	-	-	-	-	82	-	-	-
<b>Mainland Tanzania</b>	<b>5,288</b>	<b>3,822</b>	<b>32,040</b>	<b>8.4</b>	<b>3,894</b>	<b>2,442</b>	<b>16,381</b>	<b>6.7</b>
Kaskazini Unguja	-	-	-	-	266	183	1,263	6.9
Kusini Unguja	-	-	-	-	310	255	1,653	6.5
Mjini Magharibi	17	2	45	18.6	49	12	74	6.3
Kaskazini Pemba	-	-	-	-	32	8	50	5.8
Kusini Pemba	-	-	-	-	19	1	19	23.1
<b>Tanzania Zanzibar</b>	<b>17</b>	<b>2</b>	<b>45</b>	<b>18.6</b>	<b>676</b>	<b>459</b>	<b>3,057</b>	<b>6.7</b>
<b>Tanzania</b>	<b>5,305</b>	<b>3,825</b>	<b>32,085</b>	<b>8.4</b>	<b>4,570</b>	<b>2,902</b>	<b>19,439</b>	<b>6.7</b>



**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Chilies				Amaranths			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	49	-	-	-	74	26	80	3.1
Arusha	86	86	171	2	95	95	438	4.6
Kilimanjaro	33	-	-	-	148	53	57	1.1
Tanga	1,167	892	2,936	3.3	394	206	281	1.4
Morogoro	417	169	645	3.8	91	91	33	0.4
Pwani	66	11	55	5	125	87	127	1.5
Dar es Salaam	308	281	390	1.4	2,346	2,248	24,936	11.1
Lindi	-	-	-	-	123	106	1,056	10
Mtwara	8	-	-	-	275	275	303	1.1
Ruvuma	22	-	-	-	-	-	-	-
Iringa	263	45	111	2.5	96	49	184	3.7
Mbeya	179	123	709	5.8	258	167	438	2.6
Singida	-	-	-	-	15	-	-	-
Tabora	121	13	31	2.3	253	64	410	6.5
Rukwa	-	-	-	-	57	57	703	12.3
Kigoma	-	-	-	-	233	183	279	1.5
Shinyanga	44	22	179	8	247	247	773	3.1
Kagera	152	43	119	2.8	260	206	787	3.8
Mwanza	111	111	349	3.1	758	717	2,140	3
Mara	-	-	-	-	638	637	1,734	2.7
Manyara	-	-	-	-	15	6	3	0.5
Njombe	-	-	-	-	68	68	203	3
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	19	19	15	0.8
Geita	51	51	95	1.9	163	163	227	1.4
Songwe	28	28	64	2.3	-	-	-	-
<b>Mainland Tanzania</b>	<b>3,105</b>	<b>1,875</b>	<b>5,854</b>	<b>3.1</b>	<b>6,751</b>	<b>5,770</b>	<b>35,208</b>	<b>6.1</b>
Kaskazini Unguja	28	19	110	5.7	269	220	970	4.4
Kusini Unguja	168	135	1,337	9.9	236	185	963	5.2
Mjini Magharibi	153	34	124	3.7	291	253	1,214	4.8
Kaskazini Pemba	37	28	80	2.9	183	135	667	4.9
Kusini Pemba	6	-	-	-	267	132	569	4.3
<b>Tanzania Zanzibar</b>	<b>392</b>	<b>217</b>	<b>1,651</b>	<b>7.6</b>	<b>1,245</b>	<b>925</b>	<b>4,384</b>	<b>4.7</b>
<b>Tanzania</b>	<b>3,497</b>	<b>2,092</b>	<b>7,505</b>	<b>3.6</b>	<b>7,996</b>	<b>6,695</b>	<b>39,592</b>	<b>5.9</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Cucumber				Egg Plant			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	253	87	288	3.3
Arusha	266	-	-	-	14	14	192	13.5
Kilimanjaro	250	197	1,236	6.3	51	51	720	14.2
Tanga	174	72	304	4.2	106	60	405	6.7
Morogoro	28	-	-	-	138	138	757	5.5
Pwani	13	6	56	9.9	71	-	-	-
Dar es Salaam	174	174	1,070	6.2	-	-	-	-
Lindi	-	-	-	-	51	51	320	6.3
Mtwara	20	-	-	-	135	135	748	5.6
Ruvuma	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	72	-	-	-
Singida	44	44	78	1.8	-	-	-	-
Tabora	63	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	28	28	270	9.8	26	26	588	22.4
Kagera	-	-	-	-	-	-	-	-
Mwanza	84	10	95	9.8	102	67	399	6
Mara	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	30	30	445	14.8
Geita	40	40	83	2.1	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,183</b>	<b>569</b>	<b>3,193</b>	<b>5.6</b>	<b>1,049</b>	<b>659</b>	<b>4,862</b>	<b>7.4</b>
Kaskazini Unguja	548	401	1,271	3.2	308	282	1,482	5.3
Kusini Unguja	102	74	138	1.9	245	187	1,213	6.5
Mjini Magharibi	265	148	666	4.5	148	130	1,207	9.3
Kaskazini Pemba	11	11	106	10	116	76	399	5.2
Kusini Pemba	76	76	115	1.5	183	78	577	7.4
<b>Tanzania Zanzibar</b>	<b>1,003</b>	<b>711</b>	<b>2,296</b>	<b>3.2</b>	<b>1,000</b>	<b>752</b>	<b>4,879</b>	<b>6.5</b>
<b>Tanzania</b>	<b>2,186</b>	<b>1,280</b>	<b>5,489</b>	<b>4.3</b>	<b>2,049</b>	<b>1,411</b>	<b>9,741</b>	<b>6.9</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Cauliflower				Okra			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	663	274	914	3.3
Arusha	105	79	350	4.4	159	159	913	5.8
Kilimanjaro	-	-	-	-	136	136	585	4.3
Tanga	-	-	-	-	568	482	2,494	5.2
Morogoro	-	-	-	-	243	174	787	4.5
Pwani	-	-	-	-	645	344	1,192	3.5
Dar es Salaam	-	-	-	-	6,759	6,443	24,041	3.7
Lindi	-	-	-	-	86	27	38	1.4
Mtwara	-	-	-	-	345	285	392	1.4
Ruvuma	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	227	209	632	3
Mbeya	-	-	-	-	60	54	96	1.8
Singida	-	-	-	-	149	125	102	0.8
Tabora	-	-	-	-	25	25	121	4.8
Rukwa	-	-	-	-	112	112	334	3
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	67	29	83	2.8
Kagera	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	127	104	117	1.1
Mara	-	-	-	-	19	19	86	4.6
Manyara	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	394	285	141	0.5	32	32	154	4.8
Songwe	-	-	-	-	56	34	155	4.6
<b>Mainland Tanzania</b>	<b>499</b>	<b>364</b>	<b>492</b>	<b>1.3</b>	<b>10,479</b>	<b>9,067</b>	<b>33,238</b>	<b>3.7</b>
Kaskazini Unguja	-	-	-	-	307	267	848	3.2
Kusini Unguja	-	-	-	-	204	128	734	5.7
Mjini Magharibi	-	-	-	-	913	643	9,097	14.1
Kaskazini Pemba	-	-	-	-	8	-	-	-
Kusini Pemba	-	-	-	-	161	71	324	4.6
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,593</b>	<b>1,110</b>	<b>11,004</b>	<b>9.9</b>
<b>Tanzania</b>	<b>499</b>	<b>364</b>	<b>492</b>	<b>1.3</b>	<b>12,072</b>	<b>10,177</b>	<b>44,241</b>	<b>4.3</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Watermelon				Coriander			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	318	318	2,366	7.4	-	-	-	-
Arusha	241	-	-	-	78	78	77	1
Kilimanjaro	-	-	-	-	-	-	-	-
Tanga	158	126	128	1	-	-	-	-
Morogoro	1,032	496	3,109	6.3	-	-	-	-
Pwani	495	345	3,573	10.4	-	-	-	-
Dar es Salaam	7,036	1,948	20,452	10.5	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	108	88	196	2.2	-	-	-	-
Ruvuma	14	14	3	0.2	-	-	-	-
Iringa	101	22	221	9.9	-	-	-	-
Mbeya	350	220	1,540	7	-	-	-	-
Singida	355	-	-	-	-	-	-	-
Tabora	757	257	2,323	9	-	-	-	-
Rukwa	144	116	571	4.9	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	1,000	599	1,140	1.9	-	-	-	-
Kagera	343	273	726	2.7	-	-	-	-
Mwanza	1,011	857	5,596	6.5	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	213	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	50	-	-	-	-	-	-	-
Simiyu	120	-	-	-	-	-	-	-
Geita	2,668	2,099	15,628	7.4	-	-	-	-
Songwe	22	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>16,537</b>	<b>7,779</b>	<b>57,573</b>	<b>7.4</b>	<b>78</b>	<b>78</b>	<b>77</b>	<b>1</b>
Kaskazini Unguja	560	308	3,931	12.8	-	-	-	-
Kusini Unguja	104	81	1,485	18.3	-	-	-	-
Mjini Magharibi	898	244	4,512	18.5	-	-	-	-
Kaskazini Pemba	207	30	409	13.5	-	-	-	-
Kusini Pemba	138	32	559	17.7	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,907</b>	<b>694</b>	<b>10,897</b>	<b>15.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>18,444</b>	<b>8,473</b>	<b>68,469</b>	<b>8.1</b>	<b>78</b>	<b>78</b>	<b>77</b>	<b>1</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Tomatoes				Bitter Tomato			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	6,054	4,939	44,600	9	386	186	1,052	5.6
Arusha	1,603	1,145	15,084	13.2	415	190	665	3.5
Kilimanjaro	1,351	831	15,134	18.2	215	89	400	4.5
Tanga	3,533	2,449	13,877	5.7	401	353	1,185	3.4
Morogoro	3,458	2,637	27,281	10.3	810	571	1,165	2
Pwani	505	342	1,350	3.9	122	122	451	3.7
Dar es Salaam	2,682	1,558	28,631	18.4	-	-	-	-
Lindi	1,057	916	10,388	11.3	-	-	-	-
Mtwara	618	535	1,789	3.3	4	-	-	-
Ruvuma	1,308	884	5,623	6.4	105	29	14	0.5
Iringa	9,390	4,679	50,358	10.8	899	452	2,667	5.9
Mbeya	2,941	2,084	20,235	9.7	380	277	3,153	11.4
Singida	923	734	19,744	26.9	-	-	-	-
Tabora	1,736	909	5,325	5.9	59	-	-	-
Rukwa	885	688	3,863	5.6	-	-	-	-
Kigoma	1,040	979	4,229	4.3	597	597	1,535	2.6
Shinyanga	809	476	4,784	10.1	172	151	2,263	15
Kagera	2,981	1,708	9,756	5.7	391	278	714	2.6
Mwanza	1,154	921	5,847	6.4	409	376	795	2.1
Mara	608	488	829	1.7	89	89	157	1.8
Manyara	259	144	1,718	12	2	-	-	-
Njombe	657	463	3,500	7.6	-	-	-	-
Katavi	33	18	231	12.7	-	-	-	-
Simiyu	335	251	377	1.5	30	30	71	2.4
Geita	1,962	1,582	23,633	14.9	33	33	53	1.6
Songwe	1,303	433	245	0.6	-	-	-	-
<b>Mainland Tanzania</b>	<b>49,187</b>	<b>32,792</b>	<b>318,431</b>	<b>9.7</b>	<b>5,518</b>	<b>3,822</b>	<b>16,339</b>	<b>4.3</b>
Kaskazini Unguja	720	562	2,636	4.7	138	98	158	1.6
Kusini Unguja	596	403	3,156	7.8	138	96	136	1.4
Mjini Magharibi	473	443	2,508	5.7	142	85	179	2.1
Kaskazini Pemba	63	31	127	4.1	34	-	-	-
Kusini Pemba	556	300	2,220	7.4	8	8	60	7.8
<b>Tanzania Zanzibar</b>	<b>2,408</b>	<b>1,739</b>	<b>10,647</b>	<b>6.1</b>	<b>461</b>	<b>287</b>	<b>533</b>	<b>1.9</b>
<b>Tanzania</b>	<b>51,595</b>	<b>34,531</b>	<b>329,078</b>	<b>9.5</b>	<b>5,979</b>	<b>4,109</b>	<b>16,873</b>	<b>4.1</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Sweet/Bell Pepper				Squash			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	221	96	286	3	245	116	93	0.8
Arusha	-	-	-	-	6	6	12	1.8
Kilimanjaro	375	19	12	0.7	-	-	-	-
Tanga	94	67	46	0.7	-	-	-	-
Morogoro	125	78	98	1.3	-	-	-	-
Pwani	40	36	185	5.1	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-
Iringa	355	211	501	2.4	-	-	-	-
Mbeya	110	54	374	6.9	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	13	13	22	1.7	-	-	-	-
Mwanza	47	47	352	7.4	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	270	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	21	21	147	7.1	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	23	23	54	2.4	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,693</b>	<b>665</b>	<b>2,078</b>	<b>3.1</b>	<b>251</b>	<b>123</b>	<b>105</b>	<b>0.9</b>
Kaskazini Unguja	6	6	23	3.6	-	-	-	-
Kusini Unguja	-	-	-	-	13	13	13	1
Mjini Magharibi	11	11	75	7.1	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>17</b>	<b>17</b>	<b>98</b>	<b>5.8</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>1</b>
<b>Tanzania</b>	<b>1,710</b>	<b>682</b>	<b>2,176</b>	<b>3.2</b>	<b>265</b>	<b>136</b>	<b>119</b>	<b>0.9</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Sweet potato leaves				Brocol			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	167	134	2,170	16.2	-	-	-	-
Arusha	2	2	33	16.3	118	79	299	3.8
Kilimanjaro	-	-	-	-	-	-	-	-
Tanga	97	72	118	1.6	-	-	-	-
Morogoro	25	25	1	0	-	-	-	-
Pwani	217	216	2,384	11	-	-	-	-
Dar es Salaam	1,917	1,435	13,238	9.2	-	-	-	-
Lindi	85	85	111	1.3	-	-	-	-
Mtwara	17	15	16	1	-	-	-	-
Ruvuma	13	6	28	4.3	-	-	-	-
Iringa	5	5	3	0.6	-	-	-	-
Mbeya	8	8	6	0.7	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	126	76	134	1.8	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	20	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	21	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>2,720</b>	<b>2,079</b>	<b>18,241</b>	<b>8.8</b>	<b>118</b>	<b>79</b>	<b>299</b>	<b>3.8</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	2	2	2	0.7	-	-	-	-
Mjini Magharibi	264	214	128	0.6	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	3	3	30	9.3	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>270</b>	<b>219</b>	<b>159</b>	<b>0.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>2,990</b>	<b>2,298</b>	<b>18,400</b>	<b>8</b>	<b>118</b>	<b>79</b>	<b>299</b>	<b>3.8</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Mnafu				Figiri/Sukuma wiki			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	106	38	472	12.4	-	-	-	-
Arusha	263	214	412	1.9	70	47	120	2.6
Kilimanjaro	79	45	14	0.3	58	23	241	10.6
Tanga	131	117	184	1.6	-	-	-	-
Morogoro	23	-	-	-	17	17	39	2.2
Pwani	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-
Iringa	53	27	14	0.5	329	149	74	0.5
Mbeya	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	38	38	408	10.8
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-
Mwanza	4	-	-	-	7	6	1	0.2
Mara	-	-	-	-	72	72	2	0.0
Manyara	-	-	-	-	34	8	0	0.0
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>660</b>	<b>440</b>	<b>1,096</b>	<b>2.5</b>	<b>626</b>	<b>360</b>	<b>886</b>	<b>2.5</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>660</b>	<b>440</b>	<b>1,096</b>	<b>2.5</b>	<b>626</b>	<b>360</b>	<b>886</b>	<b>2.5</b>



**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Pumpkin Leaves					Majani ya Kunde				
	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Number of Households	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	539	6	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	219	5	5	27	5.2	-	-	-	-	-
Morogoro	173	35	35	13	0.4	173	35	4	14	3.8
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	1,101	36	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	705	16	-	-	-	-	-	-	-	-
Mbeya	535	48	48	37	0.8	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-
Tabora	205	41	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	164	33	33	2	0.0	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	250	13	13	6	0.5	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>3,891</b>	<b>234</b>	<b>135</b>	<b>85</b>	<b>0.6</b>	<b>173</b>	<b>35</b>	<b>4</b>	<b>14</b>	<b>3.8</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>3,891</b>	<b>234</b>	<b>135</b>	<b>85</b>	<b>0.6</b>	<b>173</b>	<b>35</b>	<b>4</b>	<b>14</b>	<b>3.8</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Seaweed				Olive			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-
Pwani	28	11	16	1.5	-	-	-	-
Dar es Salaam	-	-	-	-	48	37	110	2.9
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	224	-	-	-
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>28</b>	<b>11</b>	<b>16</b>	<b>1.5</b>	<b>272</b>	<b>37</b>	<b>110</b>	<b>2.9</b>
Kaskazini Unguja	8	8	49	6.4	-	-	-	-
Kusini Unguja	57	39	315	8	7	-	-	-
Mjini Magharibi	39	39	245	6.3	-	-	-	-
Kaskazini Pemba	688	631	4,385	6.9	-	-	-	-
Kusini Pemba	72	72	538	7.5	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>863</b>	<b>789</b>	<b>5,532</b>	<b>7</b>	<b>7</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>890</b>	<b>800</b>	<b>5,548</b>	<b>6.9</b>	<b>279</b>	<b>37</b>	<b>110</b>	<b>2.9</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Tobacco				Pyrethrum			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	194	133	71	0.5	-	-	-	-
Arusha	535	34	45	1.3	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-
Tanga	159	159	100	0.6	-	-	-	-
Morogoro	168	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	2,628	2,462	2,659	1.1	-	-	-	-
Iringa	798	798	246	0.3	575	575	645	1.1
Mbeya	12,828	12,828	16,635	1.3	1,871	1,061	939	0.9
Singida	240	240	147	0.6	-	-	-	-
Tabora	24,371	23,697	22,403	0.9	-	-	-	-
Rukwa	5	5	3	0.6	-	-	-	-
Kigoma	2,759	2,759	4,091	1.5	-	-	-	-
Shinyanga	4,527	4,486	5,603	1.2	-	-	-	-
Kagera	68	68	68	1	-	-	-	-
Mwanza	16	-	-	-	-	-	-	-
Mara	164	164	243	1.5	-	-	-	-
Manyara	83	21	19	0.9	-	-	-	-
Njombe	-	-	-	-	294	140	114	0.8
Katavi	4,253	4,229	4,909	1.2	-	-	-	-
Simiyu	35	18	30	1.7	-	-	-	-
Geita	694	694	833	1.2	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>54,524</b>	<b>52,794</b>	<b>58,104</b>	<b>1.1</b>	<b>2,740</b>	<b>1,776</b>	<b>1,698</b>	<b>1</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>54,524</b>	<b>52,794</b>	<b>58,104</b>	<b>1.1</b>	<b>2,740</b>	<b>1,776</b>	<b>1,698</b>	<b>1</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Green Tomato				Lemon grass			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	15	15	8	0.5
Tanga	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	93	-	-	-
Dar es Salaam	-	-	-	-	29	29	5	0.2
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	60	36	39	1.1
Mara	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>197</b>	<b>81</b>	<b>51</b>	<b>0.6</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	30	30	211	6.9
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>30</b>	<b>211</b>	<b>6.9</b>
<b>Tanzania</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>227</b>	<b>111</b>	<b>262</b>	<b>2.4</b>

**Cont .... Table 3.37: Number of Agricultural Households, Planted Area, Harvested Area, Quantity Harvested and Yield by Crop and Region During 2019/20 Agricultural Year, Tanzania – SHORT and LONG RAINY SEASON**

Region	Strawberry				Other Crops			
	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)	Planted Area (ha)	Harvested Area (ha)	Quantity Harvested (tons)	Yield (tons/ha)
Dodoma	-	-	-	-	-	-	-	-
Arusha	13	13	8	0.6	75	75	1,011	13.5
Kilimanjaro	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	17	17	69	4.0
Pwani	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	51	-	-	-
Mbeya	-	-	-	-	136	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	38	38	1,301	34.6
Kigoma	-	-	-	-	49	49	12	0.2
Shinyanga	-	-	-	-	19	19	2	0.1
Kagera	-	-	-	-	335	335	3,127	9.3
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	189	189	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	24	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>0.6</b>	<b>934</b>	<b>722</b>	<b>5,523</b>	<b>7.6</b>
Kaskazini Unguja	-	-	-	-	7	7	23	3.4
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	4	4	43	9.8
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	16	16	285	17.6
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>28</b>	<b>28</b>	<b>352</b>	<b>12.8</b>
<b>Tanzania</b>	<b>13</b>	<b>13</b>	<b>8</b>	<b>0.6</b>	<b>961</b>	<b>749</b>	<b>5,874</b>	<b>7.8</b>

## **PERMANENT CROPS**

**Table 3.38: Number and Percentage of Agricultural Households Reported to Have Permanent Crops by Region During 2019/20 Agricultural Year, Tanzania**

Region	Having Permanent Crops		Not Having Permanent Crops		Total Number of Households
	Number	Percent	Number	Percent	
Dodoma	49,949	9.8	460,199	90.2	510,148
Arusha	52,808	23.9	168,207	76.1	221,016
Kilimanjaro	160,258	54.5	134,052	45.5	294,311
Tanga	205,563	58.5	145,849	41.5	351,412
Morogoro	132,000	31.9	281,216	68.1	413,216
Pwani	122,489	56.2	95,432	43.8	217,921
Dar es Salaam	200,074	48.3	214,227	51.7	414,300
Lindi	156,005	67.9	73,660	32.1	229,664
Mtwara	243,563	79.8	61,471	20.2	305,034
Ruvuma	156,970	47.3	175,049	52.7	332,020
Iringa	80,225	38.3	129,261	61.7	209,485
Mbeya	162,201	42.6	218,437	57.4	380,639
Singida	72,551	26.6	200,111	73.4	272,662
Tabora	49,369	13.3	320,602	86.7	369,971
Rukwa	13,968	6.4	204,281	93.6	218,249
Kigoma	256,881	73.7	91,497	26.3	348,378
Shinyanga	33,905	16.5	171,021	83.5	204,926
Kagera	399,419	82.7	83,600	17.3	483,019
Mwanza	132,624	32.7	273,410	67.3	406,034
Mara	24,546	10.5	209,384	89.5	233,931
Manyara	12,240	4.5	259,985	95.5	272,224
Njombe	39,520	24.7	120,588	75.3	160,108
Katavi	5,178	6.7	71,689	93.3	76,867
Simiyu	9,130	5.1	171,559	94.9	180,689
Geita	106,710	39.6	162,431	60.4	269,141
Songwe	40,783	14.5	241,037	85.5	281,820
<b>Mainland Tanzania</b>	<b>2,918,929</b>	<b>38.1</b>	<b>4,738,255</b>	<b>61.9</b>	<b>7,657,185</b>
Kaskazini Unguja	21,376	67.7	10,218	32.3	31,594
Kusini Unguja	13,615	77.4	3,978	22.6	17,593
Mjini Magharibi	25,702	71.6	10,171	28.4	35,873
Kaskazini Pemba	23,504	57.6	17,277	42.4	40,781
Kusini Pemba	48,385	89.0	5,994	11.0	54,379
<b>Tanzania Zanzibar</b>	<b>132,582</b>	<b>73.6</b>	<b>47,638</b>	<b>26.4</b>	<b>180,220</b>
<b>Tanzania</b>	<b>3,051,511</b>	<b>38.9</b>	<b>4,785,893</b>	<b>61.1</b>	<b>7,837,405</b>

**Table 3.39: Number of Agricultural Households Planted Mono/Mixed Permanent Crops by Region, During 2019/20 Agricultural Year, Tanzania**

Region	Permanent Crop Mono		Permanent Crop Mixed		Total Area Under Permanent Crops (ha)
	Number of Households	Area (ha)	Number of Households	Area (ha)	
Dodoma	29,314	20,673	24,972	2,157	22,830
Arusha	29,264	4,463	27,016	5,200	9,663
Kilimanjaro	69,438	20,220	103,338	29,250	49,470
Tanga	99,839	72,684	131,706	87,427	160,111
Morogoro	58,610	22,288	82,953	37,273	59,561
Pwani	47,891	53,913	85,201	86,418	140,331
Dar es Salaam	159,081	39,363	51,024	18,142	57,505
Lindi	115,668	212,066	55,309	70,016	282,082
Mtwara	116,840	193,779	169,045	173,164	366,943
Ruvuma	86,199	102,330	84,716	86,498	188,828
Iringa	11,161	1,922	70,493	3,918	5,840
Mbeya	82,247	35,756	91,436	31,724	67,480
Singida	39,311	9,871	35,583	3,396	13,267
Tabora	34,335	6,777	20,344	3,376	10,153
Rukwa	9,697	5,096	5,144	1,021	6,116
Kigoma	92,405	36,100	203,346	70,482	106,582
Shinyanga	30,389	5,565	4,558	1,123	6,689
Kagera	139,944	87,503	285,738	156,511	244,013
Mwanza	94,355	11,775	42,786	5,996	17,771
Mara	13,784	4,986	11,589	3,045	8,030
Manyara	9,312	1,377	3,663	389	1,766
Njombe	30,483	12,161	10,669	745	12,906
Katavi	3,689	2,001	1,700	935	2,936
Simiyu	8,243	961	575	232	1,193
Geita	50,791	48,860	65,366	17,669	66,529
Songwe	30,484	13,090	12,673	4,573	17,663
<b>Mainland Tanzania</b>	<b>1,492,774</b>	<b>1,025,578</b>	<b>1,680,943</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	14,482	3,554	9,287	2,964	6,518
Kusini Unguja	8,325	2,985	7,860	4,105	7,090
Mjini Magharibi	9,844	3,309	17,524	9,277	12,586
Kaskazini Pemba	16,452	4,776	7,935	2,928	7,704
Kusini Pemba	18,719	6,775	38,837	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>67,822</b>	<b>21,398</b>	<b>81,443</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>1,560,596</b>	<b>1,046,977</b>	<b>1,762,386</b>	<b>938,544</b>	<b>1,985,520</b>



**Table 3.40: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop During 2019/20 Agricultural Year, Tanzania**

Crop	Number of Households	Area of Plants in MONO CROP (Ha)	Area Harvested MONO CROP (Ha)	Quantity Harvested MONO CROP (tons)	Number of Households	Area covered by permanent crop in MIXED CROP (Ha)	Area Harvested MIXED CROP (Ha)	Quantity Harvested MIXED CROP (tons)
Cassava	253,189	110,315	26,770	177,884	396,170	127,736	34,519	232,956
Pigeon pea	17,838	8,356	2,229	651	61,987	11,993	5,352	2,428
Palm Tree	29,255	5,984	3,420	12,656	53,224	7,112	3,441	11,984
Coconut	94,062	34,947	15,791	29,761	166,972	45,285	33,430	61,398
Caster seed	858	633	184	21	-	-	-	-
Malay apple	435	16	-	-	2,659	28	23	119
Ambarella	9,448	1,735	163	264	3,559	258	253	80
Bread fruit	1,069	8	3	2	6,358	1,419	1,193	497
Pomelo	-	-	-	-	1,102	19	18	665
Jack fruit	17,897	892	182	1,319	71,526	4,644	3,265	9,134
Passion Fruit	5,680	1,701	195	645	5,887	234	207	364
Banana	664,354	151,745	90,578	761,648	1,097,209	191,756	151,059	1,275,723
Avocado	123,693	19,437	1,820	8,810	299,178	8,753	2,717	7,399
Mango	241,173	49,439	5,058	62,487	417,794	45,926	26,787	462,655
Pawpaw	97,974	9,449	1,988	12,506	156,332	5,416	2,716	31,508
Pineapple	19,501	10,602	2,590	23,400	34,438	13,431	8,633	87,899
Orange	86,435	22,203	10,624	68,995	154,769	25,605	14,774	90,732
Grapefruit	865	293	235	61	108	0	-	-
Grapes	3,553	5,296	366	563	2,210	389	316	99
Mandarin	13,282	1,979	338	1,425	25,005	2,055	1,728	6,065
Guava	31,849	2,535	166	488	49,203	1,200	178	858
Plums	1,090	22	-	-	5,362	64	42	260
Apples	1,653	527	527	1,624	1,937	308	255	158
Pears	413	209	167	4,978	4,771	124	78	169
Peaches	381	41	-	-	2,563	95	70	3,118
Durian	301	6	-	-	1,864	167	80	306
Mbilimbi	143	58	-	-	7,399	195	172	622
Rambutan	821	134	58	54	5,815	1,122	261	1,531
Custard apple	4,142	47	4	10	10,068	536	291	139
God fruit	229	9	-	-	217	0	-	-
Mitobo	1,101	446	-	-	132	-	-	1
Black Plum	2,934	461	1	27	6,180	72	45	68
Pomegranate	1,018	0	-	0	3,608	71	37	91
Dates	277	-	-	-	127	-	-	-
Vanilla	2,608	524	240	8	3,631	219	42	2
Lime	7,082	550	329	1,581	12,114	2,402	700	1,374
Lemon	32,357	2,966	76	718	54,841	3,587	1,156	1,755
Black Pepper	1,609	563	563	850	8,177	2,010	1,533	490
Cashew nut	348,881	509,323	349,203	243,494	318,556	298,820	211,525	146,918
Sisal	4,462	4,972	3,385	23,040	5,841	3,987	3,176	10,183
Coffee	152,651	55,159	40,221	28,855	312,566	96,249	77,315	46,468
Tea	15,570	5,518	4,064	19,478	3,092	1,729	1,556	5,818
Cocoa	20,879	4,456	2,482	3,142	43,091	8,845	7,335	6,924
Rubber	294	30	-	-	1,087	22	-	-
Sugar cane	56,620	15,516	2,734	68,366	69,279	9,321	1,627	42,788
Cardamom	11,448	3,137	1,240	275	18,080	4,789	3,183	484
Tamarind	2,759	166	2	44	1,188	242	242	1
Cinnamon	2,277	1,066	211	39	7,381	2,217	578	414
Nutmeg	125	1	-	0	515	13	4	14
Clove	8,258	3,503	708	1,073	28,221	8,081	2,818	2,207
<b>Total</b>	<b>2,394,793</b>	<b>1,046,976</b>	<b>568,913</b>	<b>1,561,244</b>	<b>3,943,393</b>	<b>938,544</b>	<b>604,731</b>	<b>2,554,865</b>

**Table 3.41: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop During 2019/20 Agricultural Year, Mainland Tanzania**

Crop	Number of Households	Area of Plants in MONO CROP (Ha)	Area Harvested MONO CROP (Ha)	Quantity Harvested MONO CROP (tons)	Number of Households	Area covered by permanent crop in MIXED CROP (Ha)	Area Harvested MIXED CROP (Ha)	Quantity Harvested MIXED CROP (tons)
Cassava	252,619	110,109	26,596	176,462	395,134	127,592	34,461	232,491
Pigeon pea	16,626	8,105	2,134	521	60,285	11,752	5,172	2,177
Palm Tree	29,255	5,984	3,420	12,656	53,224	7,112	3,441	11,984
Coconut	88,273	33,327	14,764	27,436	132,126	39,299	29,304	50,490
Caster seed	858	633	184	21	-	-	-	-
Malay apple	318	4	-	-	1,282	1	-	-
Ambarella	9,448	1,735	163	264	3,071	236	235	61
Bread fruit	1,013	5	-	-	2,243	1,210	1,012	110
Pomelo	-	-	-	-	218	*	-	-
Jack fruit	16,683	711	158	973	59,902	4,046	2,906	5,590
Passion Fruit	5,379	1,694	195	645	5,721	166	144	336
Banana	605,304	137,805	78,994	719,817	1,022,278	175,680	137,626	1,229,470
Avocado	123,319	19,356	1,815	8,761	294,073	8,391	2,608	7,077
Mango	238,702	48,860	4,846	59,500	392,542	43,096	25,843	448,329
Pawpaw	96,960	9,272	1,890	11,223	151,968	5,040	2,486	27,633
Pineapple	18,054	10,310	2,480	19,803	28,410	12,666	8,271	75,907
Orange	85,335	22,047	10,531	68,014	143,070	24,408	14,097	83,755
Grapefruit	865	293	235	61	-	-	-	-
Grapes	3,553	5,296	366	563	2,210	389	316	99
Mandarin	13,140	1,972	336	1,416	22,295	1,828	1,605	5,656
Guava	31,795	2,531	161	486	48,606	1,121	175	854
Plums	1,090	22	-	-	5,362	64	42	260
Apples	1,653	527	527	1,624	1,937	308	255	158
Pears	413	209	167	4,978	4,771	124	78	169
Peaches	381	41	-	-	2,563	95	70	3,118
Mbilimbi	-	-	-	-	5,847	141	125	495
Rambutan	272	28	-	-	265	268	-	-
Custard apple	4,142	47	4	10	10,018	536	291	138
God fruit	229	9	-	-	217	0	-	-
Mitobo	1,101	446	-	-	-	-	-	-
Black Plum	2,934	461	1	27	5,506	21	2	40
Pomegranate	1,018	0	*	0	3,279	53	37	91
Dates	277	*	-	-	127	*	-	-
Vanilla	2,608	524	240	8	3,331	189	12	1
Lime	6,234	238	71	1,202	7,923	1,725	375	335
Lemon	32,041	2,946	59	644	53,558	3,463	1,110	1,622
Black Pepper	1,609	563	563	850	7,876	1,949	1,473	460
Cashew nut	348,881	509,323	349,203	243,494	318,058	298,760	211,499	146,909
Sisal	4,462	4,972	3,385	23,040	5,841	3,987	3,176	10,183
Coffee	152,651	55,159	40,221	28,855	312,423	96,249	77,315	46,468
Tea	15,570	5,518	4,064	19,478	3,092	1,729	1,556	5,818
Cocoa	20,879	4,456	2,482	3,142	43,091	8,845	7,335	6,924
Rubber	294	30	-	-	1,087	22	-	-
Sugar cane	55,227	14,770	2,229	58,958	67,917	9,060	1,502	39,882
Cardamom	11,448	3,137	1,240	275	17,779	4,758	3,153	477
Tamarind	2,759	166	2	44	1,188	242	242	1
Cinnamon	2,277	1,066	211	39	6,567	2,176	547	344
Nutmeg	125	1	*	0	382	*	*	0
Clove	2,036	873	297	255	9,347	1,881	919	671
<b>Total</b>	<b>2,310,110</b>	<b>1,025,577</b>	<b>554,231</b>	<b>1,495,546</b>	<b>3,718,010</b>	<b>900,677</b>	<b>580,815</b>	<b>2,446,582</b>

**Table 3.42: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop During 2019/20 Agricultural Year, Tanzania Zanzibar**

Crop	Number of Households	Area of Plants in MONO CROP (Ha)	Area Harvested MONO CROP (Ha)	Quantity Harvested MONO CROP (tons)	Number of Households	Area covered by permanent crop in MIXED CROP (Ha)	Area Harvested MIXED CROP (Ha)	Quantity Harvested MIXED CROP (tons)
Cassava	570	206	58	1,422	1,036	144	174	465
Pigeon pea	1,212	251	180	130	1,702	240	94	252
Coconut	5,789	1,620	4,125	2,325	34,846	5,987	1,028	10,908
Malay apple	117	12	23	-	1,377	28	-	119
Ambarella	-	-	19	-	488	21	-	18
Bread fruit	55	3	181	2	4,115	209	3	387
Pomelo	-	-	18	-	884	19	-	665
Jack fruit	1,214	180	359	346	11,624	598	24	3,544
Passion Fruit	301	6	63	-	165	68	-	28
Banana	59,050	13,941	13,434	41,831	74,931	16,076	11,585	46,253
Avocado	374	81	109	50	5,105	362	4	322
Mango	2,471	579	944	2,987	25,252	2,830	212	14,327
Pawpaw	1,014	177	230	1,283	4,364	376	98	3,875
Pineapple	1,447	293	362	3,597	6,029	765	110	11,992
Orange	1,100	156	677	982	11,700	1,197	94	6,977
Grapefruit	-	-	-	-	108	0	-	-
Mandarin	141	7	124	9	2,710	227	3	410
Guava	54	4	4	2	597	79	4	4
Durian	301	6	80	-	1,864	167	-	306
Mbilimbi	143	58	46	-	1,552	54	-	127
Rambutan	548	107	261	54	5,550	854	58	1,531
Custard apple	-	-	0	-	50	0	-	0
Mitobo	-	-	*	-	132	*	-	1
Black Plum	-	-	44	-	674	51	-	28
Pomegranate	-	-	-	-	329	17	-	-
Vanilla	-	-	30	-	301	30	-	1
Lime	848	312	325	378	4,191	677	258	1,039
Lemon	316	20	46	74	1,283	124	17	133
Black Pepper	-	-	61	-	301	61	-	30
Cashew nut	-	-	26	-	499	59	-	9
Coffee	-	-	*	-	142	*	-	0
Sugar cane	1,393	747	124	9,408	1,362	261	505	2,906
Cardamom	-	-	30	-	301	30	-	8
Cinnamon	-	-	31	-	814	41	-	70
Nutmeg	-	-	4	-	133	13	-	13
Clove	6,222	2,631	1,898	818	18,874	6,199	411	1,536
<b>Total</b>	<b>84,681</b>	<b>21,399</b>	<b>23,915</b>	<b>65,698</b>	<b>225,385</b>	<b>37,866</b>	<b>14,682</b>	<b>108,283</b>

**Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cassava						Pigeon Peas					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	7,711	2,906	3,333	982	450	3,347	-	-	-	-	-	-
Arusha	236	30	389	6	7	49	369	25	-	-	-	-
Kilimanjaro	356	23	1,897	199	68	464	151	6	389	23	-	-
Tanga	51,853	21,492	72,650	23,372	19,733	127,749	2,392	2,665	7,499	2,025	1,858	763
Morogoro	8,447	2,168	9,213	3,244	1,821	12,584	8,332	3,865	9,351	3,191	2,359	888
Pwani	573	427	1,677	910	853	6,791	135	28	1,248	85	85	24
Dar es Salaam	860	174	962	49	174	181	-	-	-	-	-	-
Lindi	515	1,030	609	246	183	1,496	250	51	-	-	-	-
Mtwara	3,967	1,937	17,093	4,085	2,951	23,300	199	241	808	273	114	24
Ruvuma	31,920	17,548	20,619	10,437	3,958	25,745	689	278	3,698	1,614	382	79
Iringa	-	-	-	-	-	-	-	-	641	0	*	0
Mbeya	3,793	1,085	386	18	145	1,102	592	13	2,317	75	27	40
Singida	2,780	880	1,527	269	58	413	294	30	-	-	-	-
Tabora	7,572	4,200	5,834	2,486	611	4,913	-	-	-	-	-	-
Rukwa	3,538	2,680	1,133	286	1,074	8,673	-	-	-	-	-	-
Kigoma	63,264	24,998	148,680	45,658	21,466	140,366	2,506	496	34,030	4,343	2,464	872
Shinyanga	7,190	4,042	2,286	861	11	81	168	17	-	-	17	8
Kagera	31,236	10,348	62,916	13,702	5,854	38,448	-	-	-	-	-	-
Mwanza	990	274	10,260	4,389	851	7,205	-	-	-	-	-	-
Mara	3,986	2,324	1,117	523	-	-	-	-	-	-	-	-
Manyara	297	63	-	-	-	-	551	391	304	123	-	-
Njombe	1,792	711	189	76	62	501	-	-	-	-	-	-
Katavi	1,888	760	1,019	309	79	531	-	-	-	-	-	-
Simiyu	196	79	-	-	-	-	-	-	-	-	-	-
Geita	17,421	9,908	31,065	15,428	650	5,015	-	-	-	-	-	-
Songwe	237	24	280	57	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>252,618</b>	<b>44,561</b>	<b>395,134</b>	<b>51,636</b>	<b>24,710</b>	<b>408,953</b>	<b>16,628</b>	<b>3,280</b>	<b>24,397</b>	<b>4,756</b>	<b>2,957</b>	<b>2,698</b>
Kaskazini Unguja	-	-	99	13	-	-	965	193	1,487	229	257	356
Kusini Unguja	110	17	-	-	11	62	196	58	127	3	8	11
Mjini Magharibi	371	154	481	68	185	1,539	52	0	88	9	9	16
Kaskazini Pemba	89	36	-	-	36	286	-	-	-	-	-	-
Kusini Pemba	-	-	455	63	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>570</b>	<b>84</b>	<b>1,035</b>	<b>58</b>	<b>94</b>	<b>1,887</b>	<b>1,213</b>	<b>102</b>	<b>689</b>	<b>97</b>	<b>111</b>	<b>382</b>
<b>Tanzania</b>	<b>253,188</b>	<b>18,067</b>	<b>396,169</b>	<b>20,920</b>	<b>10,038</b>	<b>410,840</b>	<b>17,841</b>	<b>3,382</b>	<b>25,086</b>	<b>4,853</b>	<b>3,067</b>	<b>3,080</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Palm Tree						Coconut					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	205	*	645	11	11	12
Kilimanjaro	-	-	-	-	-	-	-	-	625	2	2	13
Tanga	-	-	-	-	-	-	6,934	7,724	19,309	13,361	15,329	24,528
Morogoro	1,185	0	11,419	308	84	237	5,883	810	25,961	2,883	2,665	5,542
Pwani	923	428	6,032	3,180	384	1,262	10,621	4,743	37,474	14,142	11,153	25,357
Dar es Salaam	1,308	3	962	*	-	-	41,293	3,923	23,764	3,866	4,249	7,280
Lindi	-	-	-	-	-	-	15,727	11,396	6,662	3,754	6,014	10,223
Mtwara	-	-	-	-	-	-	4,805	4,557	15,800	1,128	4,615	4,924
Ruvuma	-	-	-	-	-	-	-	-	283	29	29	43
Iringa	-	-	-	-	-	-	986	0	-	-	-	-
Mbeya	7,973	439	15,430	1,483	1,614	5,013	360	145	852	0	0	2
Singida	-	-	-	-	-	-	147	6	-	-	-	-
Tabora	1,622	140	207	0	30	74	209	*	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	8,895	4,913	10,003	2,112	4,726	17,987	-	-	445	90	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	5,149	4	2	6	-	-	-	-	-	-
Mwanza	7,349	59	3,942	8	5	22	984	10	-	-	1	3
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	118	12	306	31	-	-
Katavi	-	-	80	16	16	40	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>29,255</b>	<b>5,984</b>	<b>53,224</b>	<b>7,112</b>	<b>6,861</b>	<b>24,640</b>	<b>88,272</b>	<b>33,327</b>	<b>132,126</b>	<b>39,299</b>	<b>44,068</b>	<b>77,926</b>
Kaskazini Unguja	-	-	-	-	-	-	701	127	3,430	349	316	572
Kusini Unguja	-	-	-	-	-	-	902	272	4,624	964	714	3,040
Mjini Magharibi	-	-	-	-	-	-	177	232	9,953	2,153	2,209	5,368
Kaskazini Pemba	-	-	-	-	-	-	1,987	594	1,729	589	803	2,241
Kusini Pemba	-	-	-	-	-	-	2,022	395	15,110	1,931	1,112	2,012
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,789</b>	<b>656</b>	<b>34,846</b>	<b>2,423</b>	<b>2,085</b>	<b>13</b>
<b>Tanzania</b>	<b>29,255</b>	<b>5,984</b>	<b>53,224</b>	<b>7,112</b>	<b>6,861</b>	<b>24,640</b>	<b>94,061</b>	<b>33,983</b>	<b>166,972</b>	<b>41,722</b>	<b>46,153</b>	<b>77,939</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Malay Apple						Caster Seed					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	554	449	-	-	-	-
Morogoro	-	-	168	*	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	114	*	-	-	-	-	-	-	-	-
Iringa	-	-	505	0	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-	-	-
Singida	-	-	233	*	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	318	4	263	*	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	304	184	-	-	184	21
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>318</b>	<b>4</b>	<b>1,283</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>858</b>	<b>633</b>	<b>-</b>	<b>-</b>	<b>184</b>	<b>21</b>
Kaskazini Unguja	117	12	182	*	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	55	2	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	732	21	18	65	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	407	4	4	53	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>117</b>	<b>12</b>	<b>1,376</b>	<b>28</b>	<b>23</b>	<b>119</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>435</b>	<b>16</b>	<b>2,659</b>	<b>28</b>	<b>23</b>	<b>119</b>	<b>858</b>	<b>633</b>	<b>-</b>	<b>-</b>	<b>184</b>	<b>21</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Pomelo						Bread Fruit					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	2,035	1,210	1,011	103
Pwani	-	-	-	-	-	-	-	-	208	*	*	7
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	218	*	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	1,013	5	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	-	-	<b>218</b>	-	-	-	<b>1,013</b>	<b>5</b>	<b>2,243</b>	<b>1,210</b>	<b>1,011</b>	<b>110</b>
Kaskazini Unguja	-	-	155	0	0	2	-	-	133	7	*	0
Kusini Unguja	-	-	-	-	-	-	55	3	55	3	3	2
Mjini Magharibi	-	-	95	0	-	-	-	-	734	58	58	341
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	634	18	17	662	-	-	3,192	141	123	45
<b>Tanzania Zanzibar</b>	-	-	<b>884</b>	<b>19</b>	<b>18</b>	<b>665</b>	<b>55</b>	<b>3</b>	<b>4,114</b>	<b>209</b>	<b>184</b>	<b>389</b>
<b>Tanzania</b>	-	-	<b>1,102</b>	<b>19</b>	<b>18</b>	<b>665</b>	<b>1,068</b>	<b>8</b>	<b>6,357</b>	<b>1,419</b>	<b>1,195</b>	<b>499</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Jack Fruit						Passion Fruit					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	247	*	-	-	144	*	158	*	*	0
Kilimanjaro	313	*	649	*	0	9	314	17	149	15	30	481
Tanga	927	15	9,342	578	373	2,921	268	108	173	4	4	9
Morogoro	3,303	274	6,089	1,919	1,717	793	-	-	-	-	-	-
Pwani	1,531	269	8,583	1,011	445	1,523	239	97	869	144	221	389
Dar es Salaam	1,834	36	3,326	484	473	845	-	-	805	1	-	-
Lindi	-	-	-	-	-	-	587	24	-	-	24	18
Mtwara	473	*	704	22	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	1,112	*	-	-
Mbeya	638	0	930	0	0	21	-	-	-	-	-	-
Singida	-	-	-	-	-	-	519	8	371	0	8	22
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	589	1	1	19	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	95	5	-	-	-	-
Kagera	7,169	43	28,583	29	55	424	440	*	1,008	1	*	1
Mwanza	495	74	599	0	*	6	1,443	57	493	*	18	35
Mara	-	-	-	-	-	-	61	12	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	326	33	-	-	33	26
Geita	-	-	262	*	*	3	944	1,333	582	*	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>16,683</b>	<b>711</b>	<b>59,903</b>	<b>4,045</b>	<b>3,064</b>	<b>6,563</b>	<b>5,380</b>	<b>1,694</b>	<b>5,720</b>	<b>166</b>	<b>338</b>	<b>981</b>
Kaskazini Unguja	165	28	1,034	16	18	160	-	-	-	-	-	-
Kusini Unguja	227	15	609	36	51	663	-	-	165	68	63	28
Mjini Magharibi	43	4	4,356	232	157	1,824	301	6	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	778	134	5,626	314	157	1,242	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,213</b>	<b>180</b>	<b>11,625</b>	<b>598</b>	<b>383</b>	<b>3,889</b>	<b>301</b>	<b>6</b>	<b>165</b>	<b>68</b>	<b>63</b>	<b>28</b>
<b>Tanzania</b>	<b>17,896</b>	<b>891</b>	<b>71,528</b>	<b>4,643</b>	<b>3,448</b>	<b>10,453</b>	<b>5,681</b>	<b>1,700</b>	<b>5,885</b>	<b>234</b>	<b>401</b>	<b>1,010</b>



**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Banana						Ambarella					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	13,067	1,243	7,149	301	993	7,319	-	-	-	-	-	-
Arusha	22,216	3,671	23,396	4,268	5,962	32,632	-	-	-	-	-	-
Kilimanjaro	58,947	17,688	100,215	23,056	34,705	262,650	-	-	-	-	-	-
Tanga	28,817	5,541	68,930	10,493	12,044	92,701	-	-	-	-	-	-
Morogoro	30,494	4,397	57,154	8,197	9,571	92,917	-	-	699	234	234	54
Pwani	8,628	1,909	46,902	8,506	6,726	63,722	655	725	-	-	141	35
Dar es Salaam	94,863	5,399	33,147	2,574	4,220	28,758	3,811	539	-	-	-	-
Lindi	8,028	7,181	3,838	1,448	2,449	19,103	-	-	-	-	-	-
Mtwara	6,062	602	16,624	1,196	1,650	10,204	218	*	1,829	2	1	5
Ruvuma	13,185	2,565	45,752	3,932	3,630	32,606	-	-	225	0	0	2
Iringa	1,909	230	46,295	1,344	439	6,654	-	-	-	-	-	-
Mbeya	56,032	9,599	74,826	9,012	12,528	127,759	1,048	2	-	-	0	13
Singida	14,292	3,176	9,901	181	184	1,343	-	-	-	-	-	-
Tabora	15,950	645	7,224	115	52	436	-	-	-	-	-	-
Rukwa	1,220	270	1,125	132	402	1,893	-	-	-	-	-	-
Kigoma	22,382	4,859	100,557	8,966	11,518	82,912	-	-	318	1	-	-
Shinyanga	7,504	180	1,206	30	80	607	-	-	-	-	-	-
Kagera	125,734	50,356	319,284	86,830	102,630	1,031,452	2,732	28	-	-	19	195
Mwanza	34,490	2,921	15,678	1,026	675	12,047	748	439	-	-	-	-
Mara	6,598	1,892	8,504	1,785	2,350	16,875	-	-	-	-	-	-
Manyara	6,440	524	3,095	218	361	2,760	-	-	-	-	-	-
Njombe	8,762	1,790	5,913	135	977	5,729	-	-	-	-	-	-
Katavi	507	145	252	138	90	924	-	-	-	-	-	-
Simiyu	870	24	-	-	3	33	-	-	-	-	-	-
Geita	11,959	9,888	19,671	661	597	3,278	-	-	-	-	-	-
Songwe	6,345	1,107	5,639	1,134	1,786	11,973	237	2	-	-	2	21
<b>Mainland Tanzania</b>	<b>605,301</b>	<b>137,805</b>	<b>1,022,277</b>	<b>175,680</b>	<b>216,619</b>	<b>1,949,287</b>	<b>9,449</b>	<b>1,735</b>	<b>3,071</b>	<b>237</b>	<b>398</b>	<b>325</b>
Kaskazini Unguja	13,191	2,108	6,698	919	2,699	9,504	-	-	-	-	-	-
Kusini Unguja	6,582	1,708	4,689	1,149	2,047	8,646	-	-	122	6	4	2
Mjini Magharibi	8,814	2,614	15,824	3,071	5,458	27,069	-	-	146	3	2	5
Kaskazini Pemba	15,370	3,660	7,365	1,913	4,653	16,230	-	-	-	-	-	-
Kusini Pemba	15,093	3,851	40,356	9,024	10,162	26,635	-	-	221	13	13	11
<b>Tanzania Zanzibar</b>	<b>59,050</b>	<b>13,941</b>	<b>74,932</b>	<b>16,075</b>	<b>25,019</b>	<b>88,085</b>	<b>-</b>	<b>-</b>	<b>489</b>	<b>21</b>	<b>19</b>	<b>18</b>
<b>Tanzania</b>	<b>664,351</b>	<b>151,745</b>	<b>1,097,209</b>	<b>191,756</b>	<b>241,638</b>	<b>2,037,371</b>	<b>9,449</b>	<b>1,735</b>	<b>3,560</b>	<b>258</b>	<b>417</b>	<b>344</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Avocado						Mango					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	1,766	1,492	835	2	-	-	2,890	1,161	12,390	364	342	2,068
Arusha	5,473	209	9,696	52	12	137	3,983	66	4,693	93	68	1,030
Kilimanjaro	9,495	1,032	9,263	246	658	3,184	2,569	84	2,920	13	18	326
Tanga	735	52	5,177	645	412	971	6,978	1,497	23,277	3,794	2,027	28,380
Morogoro	677	78	6,407	677	225	710	17,973	490	44,016	2,997	371	6,123
Pwani	-	-	1,686	19	15	25	3,777	3,978	43,525	10,005	2,923	47,949
Dar es Salaam	5,149	1,548	5,956	154	11	22	46,495	4,699	22,174	3,510	3,308	58,671
Lindi	-	-	-	-	-	-	5,935	6,280	1,310	252	494	7,749
Mtwara	226	46	189	8	-	-	1,993	144	10,321	736	558	9,325
Ruvuma	864	212	7,053	261	142	352	667	59	12,669	16,359	15,955	283,879
Iringa	5,458	964	33,750	1,149	220	282	2,128	6	18,785	76	20	368
Mbeya	19,857	3,347	32,879	2,330	1,064	1,523	12,217	8,252	25,757	1,429	1,314	15,882
Singida	5,975	430	6,008	103	-	-	21,542	1,058	19,898	1,119	46	173
Tabora	724	29	207	*	-	-	13,790	868	11,700	685	712	15,579
Rukwa	1,122	36	230	21	6	6	960	381	-	-	91	1,627
Kigoma	4,763	9	42,604	1,935	553	2,316	3,863	76	29,012	311	288	5,129
Shinyanga	574	30	153	*	14	16	15,331	844	1,525	91	511	2,340
Kagera	26,707	1,358	109,642	504	285	2,086	11,157	50	62,685	147	28	495
Mwanza	13,194	847	8,397	14	120	306	46,506	2,735	19,690	250	817	9,504
Mara	676	32	84	17	-	-	942	75	2,068	172	187	2,945
Manyara	833	98	-	-	15	803	1,027	15	-	-	-	-
Njombe	15,285	5,608	7,452	158	659	3,013	1,208	107	425	0	11	204
Katavi	-	-	-	-	-	-	78	16	260	55	16	556
Simiyu	-	-	-	-	-	-	885	38	214	86	10	183
Geita	2,384	1,815	5,577	44	-	-	9,555	15,862	20,780	550	572	7,336
Songwe	1,382	87	827	52	13	87	4,252	16	2,447	4	0	6
<b>Mainland Tanzania</b>	<b>123,319</b>	<b>19,356</b>	<b>294,072</b>	<b>8,391</b>	<b>4,424</b>	<b>15,838</b>	<b>238,701</b>	<b>48,859</b>	<b>392,541</b>	<b>43,096</b>	<b>30,688</b>	<b>507,829</b>
Kaskazini Unguja	-	-	553	14	0	8	952	316	3,980	432	244	2,599
Kusini Unguja	-	-	485	70	7	39	494	76	3,774	689	427	6,754
Mjini Magharibi	43	4	3,490	257	103	309	48	2	6,434	601	258	4,387
Kaskazini Pemba	-	-	-	-	-	-	119	5	491	47	26	466
Kusini Pemba	330	77	577	21	3	16	858	180	10,573	1,062	202	3,108
<b>Tanzania Zanzibar</b>	<b>373</b>	<b>81</b>	<b>5,105</b>	<b>363</b>	<b>113</b>	<b>371</b>	<b>2,471</b>	<b>579</b>	<b>25,252</b>	<b>2,830</b>	<b>1,157</b>	<b>17,313</b>
<b>Tanzania</b>	<b>123,692</b>	<b>19,437</b>	<b>299,177</b>	<b>8,754</b>	<b>4,537</b>	<b>16,209</b>	<b>241,172</b>	<b>49,438</b>	<b>417,793</b>	<b>45,926</b>	<b>31,845</b>	<b>525,142</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Pawpaw						Pineapple					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	3,818	383	2,660	2	4	315	210	21	-	-	-	-
Arusha	92	1	1,702	25	26	40	-	-	-	-	-	-
Kilimanjaro	1,148	14	2,936	57	17	66	-	-	-	-	-	-
Tanga	277	44	1,757	142	120	198	-	-	1,639	346	212	246
Morogoro	1,666	59	7,512	860	208	515	964	385	1,581	199	138	114
Pwani	2,133	457	13,872	1,293	1,287	27,504	5,813	2,972	13,270	10,131	8,211	90,687
Dar es Salaam	18,555	1,504	19,399	851	1,276	4,745	2,895	3,121	708	1,432	1,432	2,831
Lindi	1,438	464	154	13	141	165	786	968	-	-	35	35
Mtwara	543	72	5,567	246	236	237	853	172	1,324	229	210	271
Ruvuma	-	-	437	0	0	17	515	333	802	74	27	88
Iringa	3,446	6	5,435	146	97	489	-	-	472	0	0	4
Mbeya	2,058	1,878	4,431	684	363	205	253	2	253	2	-	-
Singida	10,871	488	19,588	263	10	498	-	-	-	-	-	-
Tabora	7,584	520	5,264	4	36	161	-	-	-	-	-	-
Rukwa	-	-	572	11	1	47	-	-	-	-	-	-
Kigoma	728	0	7,094	6	1	62	-	-	2,884	37	2	119
Shinyanga	5,876	188	1,354	89	181	1,048	-	-	-	-	-	-
Kagera	6,392	65	30,493	15	49	922	2,594	964	5,249	124	113	283
Mwanza	18,587	566	8,700	124	146	552	1,621	633	-	-	94	465
Mara	297	30	734	40	51	387	-	-	-	-	-	-
Manyara	631	13	100	2	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	407	41	-	-	-	-
Katavi	66	13	-	-	-	-	-	-	-	-	-	-
Simiyu	4,981	350	361	73	44	167	-	-	-	-	-	-
Geita	4,498	2,151	11,486	23	6	332	1,143	699	227	92	276	568
Songwe	1,275	3	359	70	73	185	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>96,960</b>	<b>9,272</b>	<b>151,967</b>	<b>5,040</b>	<b>4,376</b>	<b>38,856</b>	<b>18,054</b>	<b>10,310</b>	<b>28,409</b>	<b>12,666</b>	<b>10,751</b>	<b>95,710</b>
Kaskazini Unguja	189	26	738	85	40	233	747	134	565	140	115	3,827
Kusini Unguja	580	138	536	102	122	1,865	125	20	434	50	25	780
Mjini Magharibi	245	13	1,923	131	141	3,030	-	-	2,292	226	189	6,177
Kaskazini Pemba	-	-	78	8	8	6	272	110	179	40	18	1,157
Kusini Pemba	-	-	1,089	51	17	25	302	29	2,560	310	126	3,648
<b>Tanzania Zanzibar</b>	<b>1,014</b>	<b>177</b>	<b>4,364</b>	<b>376</b>	<b>328</b>	<b>5,158</b>	<b>1,446</b>	<b>293</b>	<b>6,030</b>	<b>765</b>	<b>472</b>	<b>15,589</b>
<b>Tanzania</b>	<b>97,974</b>	<b>9,449</b>	<b>156,331</b>	<b>5,416</b>	<b>4,703</b>	<b>44,014</b>	<b>19,500</b>	<b>10,603</b>	<b>34,439</b>	<b>13,431</b>	<b>11,223</b>	<b>111,299</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Grapefruit						Orange					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	575	1	1,250	2	1	23
Arusha	-	-	-	-	-	-	1,398	2	3,170	70	30	81
Kilimanjaro	-	-	-	-	-	-	634	*	1,410	519	82	508
Tanga	-	-	-	-	-	-	11,320	13,182	20,036	10,645	16,289	117,582
Morogoro	865	293	-	-	235	61	2,894	153	9,888	1,203	1,000	1,623
Pwani	-	-	-	-	-	-	3,564	1,227	24,332	7,538	3,703	17,332
Dar es Salaam	-	-	-	-	-	-	11,913	892	7,719	387	262	795
Lindi	-	-	-	-	-	-	3,102	3,730	1,966	811	567	1,087
Mtwara	-	-	-	-	-	-	2,421	218	17,231	1,208	1,008	8,066
Ruvuma	-	-	-	-	-	-	-	-	1,922	152	121	242
Iringa	-	-	-	-	-	-	1,971	4	2,631	4	2	42
Mbeya	-	-	-	-	-	-	2,538	19	8,345	1,176	912	1,092
Singida	-	-	-	-	-	-	1,215	1	3,829	2	*	6
Tabora	-	-	-	-	-	-	5,150	147	2,802	8	40	79
Rukwa	-	-	-	-	-	-	243	0	-	-	-	-
Kigoma	-	-	-	-	-	-	903	1	9,118	389	3	77
Shinyanga	-	-	-	-	-	-	2,629	165	469	0	0	20
Kagera	-	-	-	-	-	-	3,085	38	8,579	6	1	46
Mwanza	-	-	-	-	-	-	24,917	1,030	10,885	130	489	2,436
Mara	-	-	-	-	-	-	375	49	1,120	95	74	408
Manyara	-	-	-	-	-	-	93	4	164	3	4	4
Njombe	-	-	-	-	-	-	287	2	495	23	2	99
Katavi	-	-	-	-	-	-	121	12	-	-	-	-
Simiyu	-	-	-	-	-	-	40	*	-	-	-	-
Geita	-	-	-	-	-	-	2,888	1,168	5,709	38	35	123
Songwe	-	-	-	-	-	-	1,060	1	-	-	-	-
<b>Mainland Tanzania</b>	<b>865</b>	<b>293</b>	<b>-</b>	<b>-</b>	<b>235</b>	<b>61</b>	<b>85,336</b>	<b>22,046</b>	<b>143,070</b>	<b>24,408</b>	<b>24,627</b>	<b>151,769</b>
Kaskazini Unguja	-	-	108	0.4	-	-	539	91	1,271	58	63	639
Kusini Unguja	-	-	-	-	-	-	560	66	2,280	318	260	2,799
Mjini Magharibi	-	-	-	-	-	-	-	-	4,446	406	355	3,614
Kaskazini Pemba	-	-	-	-	-	-	-	-	78	3	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	3,625	411	92	907
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>108</b>	<b>0.4</b>	<b>-</b>	<b>-</b>	<b>1,099</b>	<b>156</b>	<b>11,700</b>	<b>1,197</b>	<b>770</b>	<b>7,958</b>
<b>Tanzania</b>	<b>865</b>	<b>293</b>	<b>108</b>	<b>0.4</b>	<b>235</b>	<b>61</b>	<b>86,435</b>	<b>22,202</b>	<b>154,770</b>	<b>25,605</b>	<b>25,397</b>	<b>159,728</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Grapes						Mandarin					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	2,912	4,246	1,104	389	682	661	-	-	488	0	-	-
Arusha	167	*	96	*	-	-	288	29	247	*	29	15
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	644	130	442	*	130	515
Morogoro	-	-	-	-	-	-	754	0	2,513	413	291	299
Pwani	-	-	-	-	-	-	-	-	4,531	1,103	1,032	5,237
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	241	*	629	29	8	11
Ruvuma	-	-	-	-	-	-	570	275	500	0	27	26
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	255	11	1,010	*	*	1	437	11	1,755	271	270	9
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	242	1	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	1,534	3	3	60
Shinyanga	-	-	-	-	-	-	491	0	163	*	0	7
Kagera	-	-	-	-	-	-	4,097	9	7,504	4	9	347
Mwanza	-	-	-	-	-	-	3,834	389	1,032	2	125	545
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	219	1,040	-	-	-	-	1,542	1,127	957	2	17	0
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>3,553</b>	<b>5,296</b>	<b>2,210</b>	<b>389</b>	<b>682</b>	<b>662</b>	<b>13,140</b>	<b>1,972</b>	<b>22,295</b>	<b>1,827</b>	<b>1,941</b>	<b>7,071</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	183	11	*	4
Kusini Unguja	-	-	-	-	-	-	141	7	611	91	34	207
Mjini Magharibi	-	-	-	-	-	-	-	-	1,302	92	63	169
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	614	34	29	38
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>141</b>	<b>7</b>	<b>2,710</b>	<b>227</b>	<b>126</b>	<b>418</b>
<b>Tanzania</b>	<b>3,553</b>	<b>5,296</b>	<b>2,210</b>	<b>389</b>	<b>682</b>	<b>662</b>	<b>13,281</b>	<b>1,979</b>	<b>25,005</b>	<b>2,055</b>	<b>2,067</b>	<b>7,490</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Guava						Plums					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	2,221	34	844	0	32	213	-	-	-	-	-	-
Arusha	1,325	4	1,249	1	2	5	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	275	0	360	73	0	9	-	-	239	24	24	48
Morogoro	960	57	1,134	226	1	22	-	-	168	1	-	-
Pwani	109	9	2,481	237	25	6	-	-	-	-	-	-
Dar es Salaam	7,466	72	3,979	93	60	172	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	349	124	855	10	10	68	-	-	-	-	-	-
Ruvuma	-	-	114	*	-	-	-	-	-	-	-	-
Iringa	2,265	9	10,864	19	8	117	986	0.4	3,253	2	1	16
Mbeya	764	11	2,385	246	2	16	-	-	1,064	24	3	107
Singida	1,478	31	5,454	64	47	241	-	-	-	-	-	-
Tabora	777	*	1,290	1	0	10	-	-	-	-	-	-
Rukwa	255	19	345	11	*	5	-	-	-	-	-	-
Kigoma	-	-	4,304	3	0	15	-	-	638	13	13	89
Shinyanga	775	2	-	-	1	10	-	-	-	-	-	-
Kagera	4,034	37	7,847	9	39	183	-	-	-	-	-	-
Mwanza	6,308	315	1,764	1	37	79	-	-	-	-	-	-
Mara	-	-	151	15	15	76	-	-	-	-	-	-
Manyara	-	-	164	3	-	-	-	-	-	-	-	-
Njombe	-	-	383	1	0	15	105	21.0	-	-	-	-
Katavi	189	90	-	-	-	-	-	-	-	-	-	-
Simiyu	544	24	161	32	57	53	-	-	-	-	-	-
Geita	1,701	1,693	2,146	43	1	24	-	-	-	-	-	-
Songwe	-	-	331	34	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>31,795</b>	<b>2,531</b>	<b>48,605</b>	<b>1,121</b>	<b>337</b>	<b>1,340</b>	<b>1,091</b>	<b>21</b>	<b>5,362</b>	<b>65</b>	<b>42</b>	<b>260</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	54	4	-	-	4	2	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	597	79	4	4	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>54</b>	<b>4</b>	<b>597</b>	<b>79</b>	<b>8</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>31,849</b>	<b>2,535</b>	<b>49,202</b>	<b>1,200</b>	<b>345</b>	<b>1,345</b>	<b>1,091</b>	<b>21</b>	<b>5,362</b>	<b>65</b>	<b>42</b>	<b>260</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Apples						Pears					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	1,004	305	1,004	187	492	1,560	-	-	379	77	77	123
Morogoro	-	-	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	208	*	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	166	0	*	1	413	209	3,780	46	168	5,024
Mbeya	-	-	333	67	67	2	-	-	-	-	-	-
Singida	-	-	300	*	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	299	1	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	104	0	-	-
Njombe	649	222	133	53	223	220	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,653</b>	<b>527</b>	<b>1,936</b>	<b>308</b>	<b>781</b>	<b>1,782</b>	<b>413</b>	<b>209</b>	<b>4,770</b>	<b>124</b>	<b>245</b>	<b>5,147</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>1,653</b>	<b>527</b>	<b>1,936</b>	<b>308</b>	<b>781</b>	<b>1,782</b>	<b>413</b>	<b>209</b>	<b>4,770</b>	<b>124</b>	<b>245</b>	<b>5,147</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Peaches						Durian					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	268	6	6	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	658	88	64	3,115	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	1,259	1	*	3	-	-	-	-	-	-
Mbeya	-	-	377	*	*	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	259	26	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	122	15	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>381</b>	<b>41</b>	<b>2,562</b>	<b>95</b>	<b>70</b>	<b>3,118</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	117	0	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	113	6	-	-
Mjini Magharibi	-	-	-	-	-	-	301	6	1,448	151	80	306
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	187	10	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>301</b>	<b>6</b>	<b>1,865</b>	<b>167</b>	<b>80</b>	<b>306</b>
<b>Tanzania</b>	<b>381</b>	<b>41</b>	<b>2,562</b>	<b>95</b>	<b>70</b>	<b>3,118</b>	<b>301</b>	<b>6</b>	<b>1,865</b>	<b>167</b>	<b>80</b>	<b>306</b>



**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Bilimbi						Rambutan					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	472	0	-	-	-	-	-	-	-	-
Pwani	-	-	417	15	*	2	-	-	-	-	-	-
Dar es Salaam	-	-	4,958	125	125	493	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	265	268	-	-
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	272	28	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>-</b>	<b>-</b>	<b>5,847</b>	<b>141</b>	<b>125</b>	<b>495</b>	<b>272</b>	<b>11</b>	<b>265</b>	<b>108</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	-	234	71	881	168	79	199
Kusini Unguja	-	-	-	-	-	-	221	11	392	32	15	41
Mjini Magharibi	-	-	589	32	32	79	94	25	3,971	633	225	1,345
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	143	58	963	22	14	48	-	-	305	21	-	-
<b>Tanzania Zanzibar</b>	<b>143</b>	<b>58</b>	<b>1,552</b>	<b>54</b>	<b>46</b>	<b>127</b>	<b>549</b>	<b>107</b>	<b>5,549</b>	<b>854</b>	<b>319</b>	<b>1,585</b>
<b>Tanzania</b>	<b>143</b>	<b>58</b>	<b>7,399</b>	<b>195</b>	<b>172</b>	<b>622</b>	<b>821</b>	<b>134</b>	<b>5,815</b>	<b>1,122</b>	<b>319</b>	<b>1,585</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Custard Apple						God Fruit					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	281	*	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	317	5	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	390	334	3	1	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	1,069	8	2,944	151	149	94	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	217	0.4	-	-
Iringa	-	-	2,090	2	143	29	-	-	-	-	-	-
Mbeya	141	*	734	1	0	6	-	-	-	-	-	-
Singida	-	-	1,196	1	0	9	-	-	-	-	-	-
Tabora	-	-	933	2	-	-	229	9	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	604	*	-	-	-	-	-	-	-	-
Mwanza	2,685	24	329	*	0	10	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	127	2	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	121	12	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	201	40	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>4,143</b>	<b>47</b>	<b>10,019</b>	<b>536</b>	<b>295</b>	<b>149</b>	<b>229</b>	<b>4</b>	<b>217</b>	<b>0.2</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	50	0	0	0	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>4,143</b>	<b>47</b>	<b>10,069</b>	<b>537</b>	<b>296</b>	<b>149</b>	<b>229</b>	<b>4</b>	<b>217</b>	<b>0.2</b>	<b>-</b>	<b>-</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Mitobo						Black Plum					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	428	43	224	0	-	-
Arusha	-	-	-	-	-	-	-	-	570	1	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	201	0	0	9
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	1,101	446	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	383	*	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	476	3	1,708	16	1	31
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	141	57	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	137	*	-	-
Mwanza	-	-	-	-	-	-	1,670	4	2,283	2	1	27
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	218	352	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,101</b>	<b>180</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,933</b>	<b>461</b>	<b>5,506</b>	<b>20</b>	<b>2</b>	<b>67</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	77	8	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	597	44	44	28
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	132	*	*	1.3	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>132</b>	<b>-</b>	<b>-</b>	<b>0.001</b>	<b>-</b>	<b>-</b>	<b>674</b>	<b>51</b>	<b>44</b>	<b>28</b>
<b>Tanzania</b>	<b>1,101</b>	<b>446</b>	<b>132</b>	<b>*</b>	<b>*</b>	<b>1.3</b>	<b>2,933</b>	<b>461</b>	<b>6,180</b>	<b>72</b>	<b>46</b>	<b>96</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Pomegranate						Dates					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	490	*	-	-	-	-	-	-	-	-	-	-
Arusha	144	*	639	2	*	0.5	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	127	*	-	-
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	888	36	36	75	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	237	13	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	277	*	-	-	-	-
Singida	-	-	925	0	0	6	-	-	-	-	-	-
Tabora	290	*	-	-	*	0	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	93	*	427	0	0	9	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	164	3	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,017</b>	<b>-</b>	<b>3,280</b>	<b>54</b>	<b>37</b>	<b>91</b>	<b>277</b>	<b>-</b>	<b>127</b>	<b>-</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	329	17	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>329</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>1,017</b>	<b>-</b>	<b>3,609</b>	<b>71</b>	<b>37</b>	<b>91</b>	<b>277</b>	<b>*</b>	<b>127</b>	<b>*</b>	<b>-</b>	<b>-</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Vanilla						Lime					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	391	4	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	661	137	4,301	1,241	288	1,252
Morogoro	-	-	288	113	11	0	112	*	450	0	0	1
Pwani	-	-	-	-	-	-	119	24	1,872	220	103	83
Dar es Salaam	-	-	-	-	-	-	805	2	664	54	54	179
Lindi	-	-	-	-	-	-	587	47	346	210	-	-
Mtwara	-	-	-	-	-	-	99	*	290	0	*	0
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	2,608	524	2,652	72	240	9	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	3,852	28	-	-	1	22
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>2,608</b>	<b>524</b>	<b>3,331</b>	<b>189</b>	<b>251</b>	<b>9</b>	<b>6,235</b>	<b>238</b>	<b>7,923</b>	<b>1,725</b>	<b>446</b>	<b>1,538</b>
Kaskazini Unguja	-	-	-	-	-	-	154	16	402	45	39	25
Kusini Unguja	-	-	-	-	-	-	694	296	1,888	416	432	885
Mjini Magharibi	-	-	301	30	30	1	-	-	990	113	87	275
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	911	104	24	232
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>301</b>	<b>30</b>	<b>30</b>	<b>1</b>	<b>848</b>	<b>312</b>	<b>4,191</b>	<b>677</b>	<b>582</b>	<b>1,417</b>
<b>Tanzania</b>	<b>2,608</b>	<b>524</b>	<b>3,632</b>	<b>220</b>	<b>282</b>	<b>10</b>	<b>7,083</b>	<b>550</b>	<b>12,114</b>	<b>2,402</b>	<b>1,028</b>	<b>2,955</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Lemon						Black Pepper					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	202	0	1,533	1	0	28	-	-	-	-	-	-
Arusha	987	1	1,523	30	30	19	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	2,373	1,033	5,279	942	400	766	1,434	528	4,844	822	1,082	1,211
Morogoro	527	8	2,977	255	234	412	175	35	3,032	1,127	953	99
Pwani	363	95	7,429	1,136	63	206	-	-	-	-	-	-
Dar es Salaam	4,852	55	3,324	119	18	13	-	-	-	-	-	-
Lindi	585	178	-	-	-	-	-	-	-	-	-	-
Mtwara	153	62	968	55	43	331	-	-	-	-	-	-
Ruvuma	-	-	217	88	22	162	-	-	-	-	-	-
Iringa	3,060	8	7,234	4	2	59	-	-	-	-	-	-
Mbeya	1,615	127	5,711	708	343	59	-	-	-	-	-	-
Singida	547	0	2,508	2	-	-	-	-	-	-	-	-
Tabora	2,133	1	2,011	4	3	55	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	511	0	1,953	24	1	47	-	-	-	-	-	-
Shinyanga	801	2	-	-	0	1	-	-	-	-	-	-
Kagera	597	*	3,616	2	0	5	-	-	-	-	-	-
Mwanza	10,672	620	4,631	3	11	92	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	351	25	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	90	5	-	-	-	-	-	-	-	-	-	-
Geita	1,621	726	2,643	90	*	10	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>32,040</b>	<b>2,946</b>	<b>53,557</b>	<b>3,463</b>	<b>1,170</b>	<b>2,266</b>	<b>1,609</b>	<b>563</b>	<b>7,876</b>	<b>1,949</b>	<b>2,036</b>	<b>1,310</b>
Kaskazini Unguja	154	8	255	13	8	51	-	-	-	-	-	-
Kusini Unguja	163	13	131	8	20	43	-	-	-	-	-	-
Mjini Magharibi	-	-	483	44	26	19	-	-	301	61	61	30
Kaskazini Pemba	-	-	78	8	8	93	-	-	-	-	-	-
Kusini Pemba	-	-	337	51	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>317</b>	<b>20</b>	<b>1,284</b>	<b>123</b>	<b>62</b>	<b>207</b>	<b>-</b>	<b>-</b>	<b>301</b>	<b>61</b>	<b>61</b>	<b>30</b>
<b>Tanzania</b>	<b>32,357</b>	<b>2,966</b>	<b>54,841</b>	<b>3,586</b>	<b>1,231</b>	<b>2,473</b>	<b>1,609</b>	<b>563</b>	<b>8,177</b>	<b>2,010</b>	<b>2,096</b>	<b>1,341</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cashew nut						Sisal					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	2,447	8,100	4,734	75	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	401	116	773	47	5	3
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	6,577	5,722	14,575	8,589	3,654	3,157	2,371	4,696	1,287	3,611	6,517	33,165
Morogoro	698	735	1,756	19	-	-	-	-	188	76	-	-
Pwani	27,557	36,377	43,140	25,438	39,074	30,171	-	-	-	-	-	-
Dar es Salaam	24,835	15,334	7,624	3,323	11,526	9,858	-	-	-	-	-	-
Lindi	116,603	180,535	52,274	63,074	150,018	106,686	-	-	-	-	-	-
Mtwara	133,138	185,473	169,732	163,698	294,919	201,411	-	-	-	-	-	-
Ruvuma	31,227	68,455	17,101	30,042	61,101	38,877	-	-	-	-	-	-
Iringa	118	286	86	70	286	207	-	-	-	-	-	-
Mbeya	451	872	1,274	247	-	-	-	-	-	-	-	-
Singida	1,624	3,451	3,509	1,375	-	-	294	30	-	-	-	-
Tabora	169	17	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	1,947	2,779	-	-	-	-	522	157	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	1,142	27	2,113	78	39	51
Mwanza	395	2	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	1,557	2,161	306	31	124	37	-	-	-	-	-	-
Katavi	924	897	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	253	102	-	-	-	-
Geita	279	338	-	-	-	-	-	-	958	18	*	3
Songwe	281	569	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>348,880</b>	<b>509,323</b>	<b>318,058</b>	<b>298,760</b>	<b>560,702</b>	<b>390,403</b>	<b>4,461</b>	<b>4,971</b>	<b>5,841</b>	<b>3,987</b>	<b>6,561</b>	<b>33,223</b>
Kaskazini Unguja	-	-	108	*	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	391	59	26	9	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>499</b>	<b>59</b>	<b>26</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>348,880</b>	<b>509,323</b>	<b>318,557</b>	<b>298,820</b>	<b>560,728</b>	<b>390,412</b>	<b>4,461</b>	<b>4,971</b>	<b>5,841</b>	<b>3,987</b>	<b>6,561</b>	<b>33,223</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Coffee						Tea					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	579	295	2,820	544	274	85	-	-	-	-	-	-
Kilimanjaro	8,133	1,106	27,120	4,567	3,103	1,003	-	-	-	-	-	-
Tanga	1,444	529	7,186	1,783	2,029	680	7,827	2,912	669	362	2,269	9,474
Morogoro	727	62	1,891	1,181	469	47	-	-	245	198	198	1
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	4,226	556	2,116	856	969	1,192	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	21,096	12,503	40,857	23,390	28,025	11,421	-	-	-	-	-	-
Iringa	-	-	915	5	-	-	244	197	505	715	862	3,014
Mbeya	10,147	4,359	12,017	3,312	5,598	6,995	5,393	1,573	1,403	236	1,682	9,876
Singida	-	-	-	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	4,867	437	15,328	2,572	1,927	1,306	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	79,250	23,473	194,002	54,834	64,465	44,915	338	17	-	-	17	30
Mwanza	416	321	-	-	52	26	-	-	-	-	-	-
Mara	1,750	572	1,040	397	353	252	-	-	-	-	-	-
Manyara	-	-	93	38	38	9	-	-	-	-	-	-
Njombe	836	447	354	15	387	195	1,768	818	269	218	593	2,900
Katavi	70	7	211	136	107	21	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	19,109	10,492	6,474	2,618	9,738	7,176	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>152,650</b>	<b>55,159</b>	<b>312,424</b>	<b>96,249</b>	<b>117,535</b>	<b>75,323</b>	<b>15,570</b>	<b>5,518</b>	<b>3,091</b>	<b>1,729</b>	<b>5,621</b>	<b>25,295</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	142	*	*	0	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>142</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>152,650</b>	<b>55,159</b>	<b>312,566</b>	<b>96,249</b>	<b>117,535</b>	<b>75,323</b>	<b>15,570</b>	<b>5,518</b>	<b>3,091</b>	<b>1,729</b>	<b>5,621</b>	<b>25,295</b>



**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cocoa						Rubber					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	567	1	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	583	77	989	83	82	39	-	-	-	-	-	-
Morogoro	1,079	671	2,372	497	830	230	-	-	201	20	-	-
Pwani	-	-	235	47	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	19,217	3,707	39,495	8,218	8,905	9,797	-	-	-	-	-	-
Singida	-	-	-	-	-	-	294	30	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	320	0	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>20,879</b>	<b>4,456</b>	<b>43,091</b>	<b>8,845</b>	<b>9,817</b>	<b>10,066</b>	<b>294</b>	<b>30</b>	<b>1,088</b>	<b>22</b>	<b>-</b>	<b>-</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>20,879</b>	<b>4,456</b>	<b>43,091</b>	<b>8,845</b>	<b>9,817</b>	<b>10,066</b>	<b>294</b>	<b>30</b>	<b>1,087</b>	<b>22</b>	<b>-</b>	<b>-</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Sugarcane						Cardamom					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	2,763	1,044	752	36	546	7,406	-	-	-	-	-	-
Arusha	1,518	14	1,302	42	-	-	-	-	-	-	-	-
Kilimanjaro	836	63	1,522	371	-	-	1,222	187	1,548	179	366	29
Tanga	4,493	1,259	8,682	1,478	714	13,957	5,369	1,726	8,544	1,851	2,081	477
Morogoro	6,991	6,524	5,620	1,546	681	19,986	1,016	144	3,152	1,223	985	84
Pwani	919	150	5,588	668	162	4,002	-	-	315	255	-	-
Dar es Salaam	10,890	580	8,146	229	-	-	973	482	-	-	-	-
Lindi	856	183	1,398	209	128	2,379	-	-	-	-	-	-
Mtwara	446	123	1,325	88	103	3,826	-	-	-	-	-	-
Ruvuma	991	100	971	119	-	-	-	-	-	-	-	-
Iringa	-	-	7,579	320	-	-	-	-	-	-	-	-
Mbeya	3,227	297	4,822	1,029	359	6,431	1,029	7	2,827	646	257	130
Singida	250	101	-	-	-	-	-	-	-	-	-	-
Tabora	1,531	197	1,402	72	-	-	-	-	-	-	-	-
Rukwa	4,360	1,708	1,943	561	190	4,292	-	-	-	-	-	-
Kigoma	2,561	304	5,005	1,079	508	18,824	-	-	-	-	-	-
Shinyanga	191	19	168	51	-	-	-	-	-	-	-	-
Kagera	899	112	8,125	149	-	-	-	-	-	-	-	-
Mwanza	4,529	416	1,262	48	252	14,440	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	922	83	-	-	-	-	-	-	-	-	-	-
Njombe	1,259	179	712	3	-	-	-	-	-	-	-	-
Katavi	267	48	402	281	-	-	-	-	-	-	-	-
Simiyu	882	304	-	-	89	3,297	-	-	-	-	-	-
Geita	2,061	760	1,191	682	-	-	-	-	-	-	-	-
Songwe	1,587	200	-	-	-	-	1,837	590	1,392	603	702	31
<b>Mainland Tanzania</b>	<b>55,229</b>	<b>14,769</b>	<b>67,917</b>	<b>9,059</b>	<b>3,731</b>	<b>98,840</b>	<b>11,446</b>	<b>3,137</b>	<b>17,778</b>	<b>4,758</b>	<b>4,392</b>	<b>752</b>
Kaskazini Unguja	406	248	412	133	104	1,963	-	-	-	-	-	-
Kusini Unguja	491	235	55	44	243	4,569	-	-	-	-	-	-
Mjini Magharibi	346	248	-	-	244	4,812	-	-	301	30	30	8
Kaskazini Pemba	151	15	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	896	84	39	969	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,394</b>	<b>747</b>	<b>1,363</b>	<b>261</b>	<b>629</b>	<b>12,313</b>	<b>-</b>	<b>-</b>	<b>301</b>	<b>30</b>	<b>30</b>	<b>8</b>
<b>Tanzania</b>	<b>56,623</b>	<b>15,516</b>	<b>69,280</b>	<b>9,320</b>	<b>4,361</b>	<b>111,154</b>	<b>11,446</b>	<b>3,137</b>	<b>18,079</b>	<b>4,788</b>	<b>4,423</b>	<b>759</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Tamarind						Cinnamon					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area covered by permanent crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	696	211	1,161	211	306	66
Morogoro	168	*	297	0	-	-	1,581	855	5,406	1,965	453	316
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	217	*	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	299	242	242	1	-	-	-	-	-	-
Singida	921	147	375	*	-	-	-	-	-	-	-	-
Tabora	285	*	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	91	15	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	1,295	4	-	-	2	44	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>2,760</b>	<b>166</b>	<b>1,188</b>	<b>243</b>	<b>244</b>	<b>45</b>	<b>2,277</b>	<b>1,066</b>	<b>6,567</b>	<b>2,176</b>	<b>758</b>	<b>382</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	436	21	21	69
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	377	19	10	1
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>813</b>	<b>41</b>	<b>31</b>	<b>70</b>
<b>Tanzania</b>	<b>2,760</b>	<b>166</b>	<b>1,188</b>	<b>243</b>	<b>244</b>	<b>45</b>	<b>2,277</b>	<b>1,066</b>	<b>7,380</b>	<b>2,217</b>	<b>790</b>	<b>452</b>

**Cont...Table 3.43: Area Planted, Area Harvested and Quantity Harvested by Type of Permanent Crop and Region During 2019/20 Agricultural Year, Tanzania**

Region	Nutmeg						Clove					
	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)	Number of Households	Area of Plants in MONO CROP (ha)	Number of Households	Area Covered by Permanent Crop in MIXED CROP (ha)	Area Harvested (ha)	Quantity Harvested (tons)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	101	*	*	0.5	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	1,898	648	4,363	592	575	351
Morogoro	-	-	-	-	-	-	138	224	4,984	1,289	641	575
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-	-	-	-
Singida	-	-	280	*	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	125	1	-	-	*	0.1	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>125.0</b>	<b>1.2</b>	<b>381.0</b>	<b>-</b>	<b>-</b>	<b>0.6</b>	<b>2,036</b>	<b>873</b>	<b>9,347</b>	<b>1,881</b>	<b>1,217</b>	<b>926</b>
Kaskazini Unguja	-	-	-	-	-	-	438	177	1,603	332	176	114
Kusini Unguja	-	-	-	-	-	-	245	47	397	40	28	116
Mjini Magharibi	-	-	133	13	4	13	-	-	3,321	778	204	385
Kaskazini Pemba	-	-	-	-	-	-	771	356	680	321	295	653
Kusini Pemba	-	-	-	-	-	-	4,768	2,051	12,874	4,728	1,607	1,086
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>133</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>6,222</b>	<b>2,631</b>	<b>18,875</b>	<b>6,199</b>	<b>2,310</b>	<b>2,355</b>
<b>Tanzania</b>	<b>125</b>	<b>1</b>	<b>515</b>	<b>13</b>	<b>4</b>	<b>14</b>	<b>8,258</b>	<b>3,503</b>	<b>28,222</b>	<b>8,080</b>	<b>3,526</b>	<b>3,281</b>

**Table 3.44: Number of Agricultural Households and Planted Area with Irrigation Use by Permanent Crop During 2019/20 Agricultural Year, Tanzania**

Crop	Number of Households	Area Irrigated (ha)	Number of Households	Area Not Irrigated (ha)	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Number of Household Growing Crops
Cassava	2,148	510	647,211	-	272,589	315,636	649,359
Pigeon peas	-	-	79,825	-	20,648	29,634	79,825
Palm Tree	-	-	82,480	-	14,786	17,573	82,480
Coconut	-	-	261,034	-	86,354	111,900	261,034
Caster seed	-	-	858	-	1,564	-	858
Malay apple	43	11	3,051	-	40	70	3,094
Ambarella	-	-	13,008	-	4,287	638	13,008
Bread fruit	-	-	7,427	-	20	3,506	7,427
Pomelo	-	-	1,102	-	-	46	1,102
Jack fruit	-	-	89,423	-	2,203	11,475	89,423
Passion Fruit	2,195	464	9,371	-	4,202	578	11,566
Banana	107,448	31,067	1,654,115	-	374,963	473,830	1,761,563
Avocado	34,687	8,699	388,183	-	48,029	21,629	422,870
Mango	23,930	1,667	635,037	-	122,163	113,483	658,967
Pawpaw	49,860	7,044	204,446	-	23,349	13,383	254,306
Pineapple	971	191	52,968	-	26,198	33,188	53,939
Orange	20,081	1,990	221,123	-	54,863	63,270	241,204
Grapefruit	-	-	973	-	724	1	973
Grapes	-	-	5,763	-	13,086	960	5,763
Mandarin	1,138	615	37,149	-	4,891	5,078	38,287
Guava	-	-	81,052	-	6,265	2,964	81,052
Plums	166	1	6,286	-	54	159	6,452
Apples	300	*	3,289	-	1,302	761	3,589
Pears	293	1	4,892	-	517	306	5,185
Peaches	-	-	2,944	-	101	235	2,944
Durian	117	1	2,048	-	15	412	2,165
Mbilimbi	-	-	7,542	-	143	481	7,542
Rambutan	807	285	5,829	-	332	2,773	6,636
Custard apple	1,154	31	13,056	-	116	1,325	14,210
God fruit	229	23	217	-	23	1	446
Mitobo	-	-	1,233	-	1,101	*	1,233
Black Plum	-	-	9,114	-	1,139	177	9,114
Pomegranate	281	3	4,346	-	1	175	4,627
Dates	-	-	404	-	*	*	404
Vanilla	2,339	542	3,900	-	1,295	542	6,239
Lime	1,113	160	18,083	-	1,359	5,935	19,196
Lemon	8,057	254	79,142	-	7,330	8,863	87,199
Black Pepper	536	197	9,250	-	1,391	4,967	9,786
Cashew nut	-	-	667,437	-	1,258,538	738,383	667,437
Sisal	-	-	10,303	-	12,285	9,852	10,303
Coffee	5,738	3,803	459,478	-	136,298	237,831	465,216
Tea	245	489	18,417	-	13,634	4,273	18,662
Cocoa	-	-	63,969	-	11,010	21,856	63,969
Rubber	-	-	1,381	-	73	54	1,381
Sugar cane	14,580	5,860	111,319	-	38,341	23,031	125,899
Cardamom	1,282	252	28,245	-	7,752	11,833	29,527
Tamarind	-	-	3,947	-	410	599	3,947
Cinnamon	-	-	9,658	-	2,634	5,478	9,658
Nutmeg	226	*	414	-	3	31	640
Clove	1,032	1,489	35,447	-	8,657	19,967	36,479
<b>Total</b>	<b>280,996</b>	<b>65,649</b>	<b>6,057,189</b>	<b>-</b>	<b>2,587,078</b>	<b>2,319,142</b>	<b>6,338,185</b>

**Table 3.45: Number of Agricultural Households and Planted Area with Irrigation Use by Permanent Crop During 2019/20 Agricultural Year, Mainland Tanzania**

Crop	Number of Households	Area Irrigated (ha)	Number of Households	Area Not Irrigated (ha)	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Number of Households Growing Crops
Cassava	2,100	192	645,653	-	110,109	127,592	647,752
Pigeon peas	-	-	76,910	-	8,105	11,752	76,910
Palm Tree	-	-	82,480	-	5,984	7,112	82,480
Coconut	-	-	220,399	-	33,327	39,299	220,399
Caster seed	-	-	858	-	633	-	858
Malay apple	-	-	1,600	-	4	1	1,600
Ambarella	-	-	12,519	-	1,735	236	12,519
Bread fruit	-	-	3,256	-	5	1,210	3,256
Pomelo	-	-	218	-	-	*	218
Jack fruit	-	-	76,585	-	711	4,046	76,585
Passion Fruit	1,787	162	9,314	-	1,694	166	11,101
Banana	103,770	11,862	1,523,812	-	137,805	175,680	1,627,581
Avocado	33,826	3,456	383,566	-	19,356	8,391	417,392
Mango	22,954	557	608,290	-	48,860	43,096	631,244
Pawpaw	49,188	2,773	199,740	-	9,272	5,040	248,928
Pineapple	971	77	45,493	-	10,310	12,666	46,464
Orange	19,586	796	208,819	-	22,047	24,408	228,405
Grapefruit	-	-	865	-	293	-	865
Grapes	-	-	5,763	-	5,296	389	5,763
Mandarin	1,138	249	34,298	-	1,972	1,828	35,436
Guava	-	-	80,400	-	2,531	1,121	80,400
Plums	166	0	6,286	-	22	64	6,453
Apples	300	*	3,289	-	527	308	3,590
Pears	293	0	4,892	-	209	124	5,184
Peaches	-	-	2,944	-	41	95	2,944
Mbilimbi	-	-	5,847	-	-	141	5,847
Rambutan	-	-	538	-	28	268	538
Custard apple	1,154	13	13,006	-	47	536	14,160
God fruit	229	9	217	-	9	0	446
Mitobo	-	-	1,101	-	446	-	1,101
Black Plum	-	-	8,440	-	461	21	8,440
Pomegranate	281	1	4,017	-	0	53	4,297
Dates	-	-	404	-	*	*	404
Vanilla	2,038	189	3,900	-	524	189	5,938
Lime	836	1	13,321	-	238	1,725	14,157
Lemon	8,014	85	77,585	-	2,946	3,463	85,599
Black Pepper	235	19	9,250	-	563	1,949	9,485
Cashew nut	-	-	666,939	-	509,323	298,760	666,939
Sisal	-	-	10,303	-	4,972	3,987	10,303
Coffee	5,738	1,539	459,336	-	55,159	96,249	465,074
Tea	245	198	18,417	-	5,518	1,729	18,662
Cocoa	-	-	63,969	-	4,456	8,845	63,969
Rubber	-	-	1,381	-	30	22	1,381
Sugar cane	14,580	2,372	108,564	-	14,770	9,060	123,144
Cardamom	981	72	28,245	-	3,137	4,758	29,226
Tamarind	-	-	3,947	-	166	242	3,947
Cinnamon	-	-	8,844	-	1,066	2,176	8,844
Nutmeg	226	*	280	-	1	*	506
Clove	-	-	11,383	-	873	1,881	11,383
<b>Total</b>	<b>270,636</b>	<b>24,622</b>	<b>5,757,483</b>	<b>-</b>	<b>1,025,577</b>	<b>900,677</b>	<b>6,028,117</b>

**Table 3.46: Number of Agricultural Households and Planted Area with Irrigation Use by Permanent Crop During 2019/20 Agricultural Year, Tanzania Zanzibar**

Crop	Number of Households	Area Irrigated (ha)	Number of Households	Area Not Irrigated (ha)	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Number of Households Growing Crops
Cassava	48	15	1,558	-	206	144	1,606
Pigeon peas	-	-	2,915	-	251	240	2,915
Coconut	-	-	40,635	-	1,620	5,987	40,635
Malay apple	43	4	1,451	-	12	28	1,494
Ambarella	-	-	488	-	-	21	488
Bread fruit	-	-	4,170	-	3	209	4,170
Pomelo	-	-	884	-	-	19	884
Jack fruit	-	-	12,838	-	180	598	12,838
Passion Fruit	409	26	57	-	6	68	466
Banana	3,678	711	130,303	-	13,941	16,076	133,981
Avocado	861	64	4,617	-	81	362	5,478
Mango	976	117	26,747	-	579	2,830	27,723
Pawpaw	673	78	4,706	-	177	376	5,379
Pineapple	-	-	7,476	-	293	765	7,476
Orange	495	10	12,305	-	156	1,197	12,800
Grapefruit	-	-	108	-	-	0	108
Grapes	-	-	-	-	-	-	-
Mandarin	-	-	2,852	-	7	227	2,852
Guava	-	-	652	-	4	79	652
Durian	117	0	2,048	-	6	167	2,165
Mbilimbi	-	-	1,695	-	58	54	1,695
Rambutan	807	115	5,292	-	107	854	6,099
Custard apple	-	-	50	-	-	0	50
Mitobo	-	-	132	-	-	*	132
Black Plum	-	-	674	-	-	51	674
Pomegranate	-	-	329	-	-	17	329
Vanilla	301	30	-	-	-	30	301
Lime	277	64	4,762	-	312	677	5,039
Lemon	43	17	1,556	-	20	124	1,599
Black Pepper	301	61	-	-	-	61	301
Cashew nut	-	-	499	-	-	59	499
Coffee	-	-	142	-	-	*	142
Sugar cane	-	-	2,755	-	747	261	2,755
Cardamom	301	30	-	-	-	30	301
Cinnamon	-	-	814	-	-	41	814
Nutmeg	-	-	133	-	-	13	133
Clove	1,032	603	24,064	-	2,631	6,199	25,096
<b>Total</b>	<b>10,361</b>	<b>1,945</b>	<b>299,706</b>	<b>-</b>	<b>21,399</b>	<b>37,866</b>	<b>310,069</b>

**Table 3.47: Number of Agricultural Households Reporting Improved Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Used Improved Seed				Not Used Improved Seed		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Area covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Percent of Households	Planted Area (ha)	Percent of Planted Area	Number of Households	Planted Area (ha)				
Dodoma	6,028	12.1	10,346	45.3	43,921	12,484	49,949	20,673	2,157	22,830
Arusha	6,120	11.6	804	8.3	46,688	8,859	52,808	4,463	5,200	9,663
Kilimanjaro	16,793	10.5	3,580	7.2	143,465	45,890	160,258	20,220	29,250	49,470
Tanga	25,325	12.3	20,954	13.1	180,238	139,157	205,563	72,684	87,427	160,111
Morogoro	4,441	3.4	2,543	4.3	127,559	57,018	132,000	22,288	37,273	59,561
Pwani	13,825	11.3	7,092	5.1	108,664	133,239	122,489	53,913	86,418	140,331
Dar es Salaam	20,447	10.2	5,695	9.9	179,627	51,809	200,074	39,363	18,142	57,505
Lindi	13,925	8.9	28,955	10.3	142,080	253,127	156,005	212,066	70,016	282,082
Mtwara	31,458	12.9	32,076	8.7	212,105	334,866	243,563	193,779	173,164	366,943
Ruvuma	8,592	5.5	5,752	3.0	148,378	183,076	156,970	102,330	86,498	188,828
Iringa	14,161	17.7	1,908	32.7	66,064	3,932	80,225	1,922	3,918	5,840
Mbeya	19,149	11.8	8,036	11.9	143,052	59,444	162,201	35,756	31,724	67,480
Singida	11,573	16.0	3,665	27.6	60,978	9,602	72,551	9,871	3,396	13,267
Tabora	2,643	5.4	447	4.4	46,726	9,705	49,369	6,777	3,376	10,153
Rukwa	484	3.5	70	1.2	13,484	6,046	13,968	5,096	1,021	6,116
Kigoma	9,611	3.7	4,611	4.3	247,270	101,971	256,881	36,100	70,482	106,582
Shinyanga	2,257	6.7	548	8.2	31,648	6,141	33,905	5,565	1,123	6,689
Kagera	36,666	9.2	8,189	3.4	362,753	235,825	399,419	87,503	156,511	244,013
Mwanza	9,574	7.2	908	5.1	123,050	16,863	132,624	11,775	5,996	17,771
Mara	4,662	19.0	1,260	15.7	19,884	6,771	24,546	4,986	3,045	8,030
Manyara	1,597	13.0	190	10.7	10,643	1,576	12,240	1,377	389	1,766
Njombe	14,730	37.3	6,356	49.2	24,790	6,550	39,520	12,161	745	12,906
Katavi	988	19.1	926	31.5	4,190	2,011	5,178	2,001	935	2,936
Simiyu	804	8.8	93	7.8	8,326	1,100	9,130	961	232	1,193
Geita	7,756	7.3	6,603	9.9	98,954	59,926	106,710	48,860	17,669	66,529
Songwe	3,055	7.5	854	4.8	37,728	16,809	40,783	13,090	4,573	17,663
<b>Mailand Tanzania</b>	<b>286,664</b>	<b>9.8</b>	<b>162,460</b>	<b>8.4</b>	<b>2,632,265</b>	<b>1,763,796</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	1,946	9.1	650	10.0	19,430	5,868	21,376	3,554	2,964	6,518
Kusini Unguja	998	7.3	634	8.9	12,617	6,456	13,615	2,985	4,105	7,090
Mjini Magharibi	5,455	21.2	741	5.9	20,247	11,845	25,702	3,309	9,277	12,586
Kaskazini Pemba	791	3.4	176	2.3	22,713	7,528	23,504	4,776	2,928	7,704
Kusini Pemba	6,114	12.6	2,857	11.3	42,271	22,509	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>15,304</b>	<b>11.5</b>	<b>5,057</b>	<b>8.5</b>	<b>117,278</b>	<b>54,207</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>301,968</b>	<b>9.9</b>	<b>167,518</b>	<b>8.4</b>	<b>2,749,543</b>	<b>1,818,003</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>



**Table 3.48: Number of Agricultural Households Reporting Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Used Local Seed		Not Used Local Seed		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Area covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	45,305	11,932	4,644	10,898	49,949	20,673	2,157	22,830
Arusha	49,228	7,635	3,580	2,028	52,808	4,463	5,200	9,663
Kilimanjaro	152,649	42,985	7,609	6,484	160,258	20,220	29,250	49,470
Tanga	193,440	132,947	12,123	27,164	205,563	72,684	87,427	160,111
Morogoro	129,396	55,726	2,604	3,834	132,000	22,288	37,273	59,561
Pwani	117,804	111,440	4,685	28,891	122,489	53,913	86,418	140,331
Dar es Salaam	189,714	48,553	10,360	8,952	200,074	39,363	18,142	57,505
Lindi	143,135	213,709	12,870	68,373	156,005	212,066	70,016	282,082
Mtwara	209,891	294,167	33,672	72,776	243,563	193,779	173,164	366,943
Ruvuma	149,546	172,883	7,424	15,945	156,970	102,330	86,498	188,828
Iringa	75,141	3,641	5,084	2,199	80,225	1,922	3,918	5,840
Mbeya	155,321	48,002	6,880	19,478	162,201	35,756	31,724	67,480
Singida	65,726	8,334	6,825	4,932	72,551	9,871	3,396	13,267
Tabora	47,433	8,522	1,936	1,631	49,369	6,777	3,376	10,153
Rukwa	13,713	6,045	255	71	13,968	5,096	1,021	6,116
Kigoma	253,621	99,264	3,260	7,318	256,881	36,100	70,482	106,582
Shinyanga	31,736	5,514	2,169	1,174	33,905	5,565	1,123	6,689
Kagera	390,842	186,215	8,577	57,798	399,419	87,503	156,511	244,013
Mwanza	128,801	14,106	3,823	3,665	132,624	11,775	5,996	17,771
Mara	20,554	6,592	3,992	1,438	24,546	4,986	3,045	8,030
Manyara	10,455	1,383	1,785	382	12,240	1,377	389	1,766
Njombe	27,449	6,175	12,071	6,731	39,520	12,161	745	12,906
Katavi	4,331	1,915	847	1,021	5,178	2,001	935	2,936
Simiyu	8,014	1,074	1,116	119	9,130	961	232	1,193
Geita	103,111	57,482	3,599	9,047	106,710	48,860	17,669	66,529
Songwe	38,395	15,990	2,388	1,673	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>2,754,751</b>	<b>1,562,234</b>	<b>164,178</b>	<b>364,022</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	19,297	5,535	2,079	983	21,376	3,554	2,964	6,518
Kusini Unguja	12,506	4,963	1,109	2,127	13,615	2,985	4,105	7,090
Mjini Magharibi	21,760	10,469	3,942	2,117	25,702	3,309	9,277	12,586
Kaskazini Pemba	22,711	6,224	793	1,480	23,504	4,776	2,928	7,704
Kusini Pemba	36,522	17,096	11,863	8,270	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>112,796</b>	<b>44,287</b>	<b>19,786</b>	<b>14,977</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>2,867,547</b>	<b>1,606,522</b>	<b>183,964</b>	<b>378,999</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.49: Number of Agricultural Households Reporting Both Improved and Local Seed Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Used Both Improved and Local Seed		Not Used Both Improved and Local Seed		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by Permanent Crop in MIXED CROP (ha)	Total Area Covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	2,244	200	47,705	22,630	49,949	20,673	2,157	22,830
Arusha	2,363	391	50,445	9,272	52,808	4,463	5,200	9,663
Kilimanjaro	1,435	909	158,823	48,561	160,258	20,220	29,250	49,470
Tanga	5,379	2,611	200,184	157,500	205,563	72,684	87,427	160,111
Morogoro	472	2	131,528	59,558	132,000	22,288	37,273	59,561
Pwani	3,003	1,855	119,486	138,476	122,489	53,913	86,418	140,331
Dar es Salaam	4,533	143	195,541	57,361	200,074	39,363	18,142	57,505
Lindi	8,518	17,870	147,487	264,212	156,005	212,066	70,016	282,082
Mtwara	26,583	40,189	216,980	326,754	243,563	193,779	173,164	366,943
Ruvuma	6,407	6,485	150,563	182,343	156,970	102,330	86,498	188,828
Iringa	1,133	6	79,092	5,834	80,225	1,922	3,918	5,840
Mbeya	3,140	655	159,061	66,825	162,201	35,756	31,724	67,480
Singida	2,317	135	70,234	13,132	72,551	9,871	3,396	13,267
Tabora	482	229	48,887	9,924	49,369	6,777	3,376	10,153
Rukwa	-	-	13,968	6,116	13,968	5,096	1,021	6,116
Kigoma	1,108	768	255,773	105,814	256,881	36,100	70,482	106,582
Shinyanga	377	115	33,528	6,574	33,905	5,565	1,123	6,689
Kagera	20,754	8,542	378,665	235,471	399,419	87,503	156,511	244,013
Mwanza	846	81	131,778	17,691	132,624	11,775	5,996	17,771
Mara	517	75	24,029	7,955	24,546	4,986	3,045	8,030
Manyara	751	125	11,489	1,640	12,240	1,377	389	1,766
Njombe	386	97	39,134	12,809	39,520	12,161	745	12,906
Katavi	155	38	5,023	2,898	5,178	2,001	935	2,936
Simiyu	-	-	9,130	1,193	9,130	961	232	1,193
Geita	204	1,649	106,506	64,880	106,710	48,860	17,669	66,529
Songwe	479	98	40,304	17,565	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>93,586</b>	<b>83,270</b>	<b>2,825,343</b>	<b>1,842,987</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	1,500	208	19,876	6,310	21,376	3,554	2,964	6,518
Kusini Unguja	1,340	389	12,275	6,702	13,615	2,985	4,105	7,090
Mjini Magharibi	4,786	590	20,916	11,996	25,702	3,309	9,277	12,586
Kaskazini Pemba	169	33	23,335	7,671	23,504	4,776	2,928	7,704
Kusini Pemba	13,445	4,564	34,940	20,803	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>21,240</b>	<b>5,783</b>	<b>111,342</b>	<b>53,481</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>114,826</b>	<b>89,053</b>	<b>2,936,685</b>	<b>1,896,468</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.50: Number of Agricultural Households Reporting Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania  
- PERMANENT CROPS**

Region	Applied with Fertilizer				Not Applied with Fertilizer		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Area covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Percent of Households	Planted Area (ha)	Percent of Planted Area	Number of Households	Planted Area (ha)				
Dodoma	17,984	36.0	7,852	34.4	31,965	14,978	49,949	20,673	2,157	22,830
Arusha	27,601	52.3	4,883	50.5	25,207	4,780	52,808	4,463	5,200	9,663
Kilimanjaro	126,769	79.1	35,085	70.9	33,489	14,385	160,258	20,220	29,250	49,470
Tanga	15,496	7.5	4,425	2.8	190,067	155,686	205,563	72,684	87,427	160,111
Morogoro	7,613	5.8	6,906	11.6	124,387	52,654	132,000	22,288	37,273	59,561
Pwani	14,027	11.5	10,764	7.7	108,462	129,567	122,489	53,913	86,418	140,331
Dar es Salaam	68,623	34.3	10,637	18.5	131,451	46,867	200,074	39,363	18,142	57,505
Lindi	6,103	3.9	12,409	4.4	149,902	269,673	156,005	212,066	70,016	282,082
Mtwara	17,219	7.1	26,860	7.3	226,344	340,083	243,563	193,779	173,164	366,943
Ruvuma	65,442	41.7	52,276	27.7	91,528	136,552	156,970	102,330	86,498	188,828
Iringa	12,164	15.2	2,032	34.8	68,061	3,807	80,225	1,922	3,918	5,840
Mbeya	44,783	27.6	14,722	21.8	117,418	52,758	162,201	35,756	31,724	67,480
Singida	20,174	27.8	6,305	47.5	52,377	6,962	72,551	9,871	3,396	13,267
Tabora	2,936	5.9	410	4.0	46,433	9,743	49,369	6,777	3,376	10,153
Rukwa	2,496	17.9	575	9.4	11,472	5,541	13,968	5,096	1,021	6,116
Kigoma	29,740	11.6	8,489	8.0	227,141	98,093	256,881	36,100	70,482	106,582
Shinyanga	2,696	8.0	155	2.3	31,209	6,534	33,905	5,565	1,123	6,689
Kagera	48,003	12.0	21,447	8.8	351,416	222,567	399,419	87,503	156,511	244,013
Mwanza	30,752	23.2	1,597	9.0	101,872	16,175	132,624	11,775	5,996	17,771
Mara	8,447	34.4	2,568	32.0	16,099	5,463	24,546	4,986	3,045	8,030
Manyara	5,834	47.7	631	35.7	6,406	1,135	12,240	1,377	389	1,766
Njombe	17,764	44.9	5,822	45.1	21,756	7,085	39,520	12,161	745	12,906
Katavi	619	12.0	640	21.8	4,559	2,296	5,178	2,001	935	2,936
Simiyu	2,074	22.7	96	8.0	7,056	1,097	9,130	961	232	1,193
Geita	5,414	5.1	2,216	3.3	101,296	64,313	106,710	48,860	17,669	66,529
Songwe	16,319	40.0	9,170	51.9	24,464	8,493	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>617,092</b>	<b>21.1</b>	<b>248,971</b>	<b>12.9</b>	<b>2,301,837</b>	<b>1,677,285</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	4,254	19.9	1,237	19.0	17,122	5,281	21,376	3,554	2,964	6,518
Kusini Unguja	3,712	27.3	1,097	15.5	9,903	5,993	13,615	2,985	4,105	7,090
Mjini Magharibi	9,581	37.3	2,684	21.3	16,121	9,902	25,702	3,309	9,277	12,586
Kaskazini Pemba	4,566	19.4	1,248	16.2	18,938	6,456	23,504	4,776	2,928	7,704
Kusini Pemba	6,595	13.6	2,146	8.5	41,790	23,220	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>28,708</b>	<b>21.7</b>	<b>8,412</b>	<b>14.2</b>	<b>103,874</b>	<b>50,852</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>645,800</b>	<b>21.2</b>	<b>257,383</b>	<b>13.0</b>	<b>2,405,711</b>	<b>1,728,138</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.51: Number of Agricultural Households Reporting Organic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Applied with Organic Fertilizer		Not Applied with Organic Fertilizer		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area Covered by Permanent Crop in MIXED CROP (ha)	Total Area Covered by Permanent Crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	17,707	7,852	32,242	14,978	49,949	20,673	2,157	22,830
Arusha	27,149	4,680	25,659	4,983	52,808	4,463	5,200	9,663
Kilimanjaro	126,331	34,945	33,927	14,525	160,258	20,220	29,250	49,470
Tanga	14,880	4,348	190,683	155,763	205,563	72,684	87,427	160,111
Morogoro	3,230	364	128,770	59,197	132,000	22,288	37,273	59,561
Pwani	10,297	6,313	112,192	134,018	122,489	53,913	86,418	140,331
Dar es Salaam	66,902	9,129	133,172	48,376	200,074	39,363	18,142	57,505
Lindi	1,667	1,660	154,338	280,422	156,005	212,066	70,016	282,082
Mtwara	6,568	4,149	236,995	362,794	243,563	193,779	173,164	366,943
Ruvuma	24,611	10,190	132,359	178,638	156,970	102,330	86,498	188,828
Iringa	11,109	1,660	69,116	4,180	80,225	1,922	3,918	5,840
Mbeya	35,679	9,042	126,522	58,438	162,201	35,756	31,724	67,480
Singida	19,937	6,286	52,614	6,981	72,551	9,871	3,396	13,267
Tabora	2,686	384	46,683	9,768	49,369	6,777	3,376	10,153
Rukwa	2,186	513	11,782	5,603	13,968	5,096	1,021	6,116
Kigoma	21,106	4,616	235,775	101,966	256,881	36,100	70,482	106,582
Shinyanga	2,543	155	31,362	6,534	33,905	5,565	1,123	6,689
Kagera	47,180	21,038	352,239	222,975	399,419	87,503	156,511	244,013
Mwanza	30,189	1,594	102,435	16,177	132,624	11,775	5,996	17,771
Mara	8,303	2,553	16,243	5,477	24,546	4,986	3,045	8,030
Manyara	5,834	593	6,406	1,172	12,240	1,377	389	1,766
Njombe	17,507	5,783	22,013	7,123	39,520	12,161	745	12,906
Katavi	495	287	4,683	2,649	5,178	2,001	935	2,936
Simiyu	2,074	96	7,056	1,097	9,130	961	232	1,193
Geita	5,414	2,216	101,296	64,313	106,710	48,860	17,669	66,529
Songwe	5,577	3,070	35,206	14,593	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>517,161</b>	<b>143,516</b>	<b>2,401,768</b>	<b>1,782,741</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	3,769	992	17,607	5,526	21,376	3,554	2,964	6,518
Kusini Unguja	3,658	1,086	9,957	6,004	13,615	2,985	4,105	7,090
Mjini Magharibi	9,581	2,684	16,121	9,902	25,702	3,309	9,277	12,586
Kaskazini Pemba	4,393	1,196	19,111	6,508	23,504	4,776	2,928	7,704
Kusini Pemba	6,258	1,978	42,127	23,389	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>27,659</b>	<b>7,936</b>	<b>104,923</b>	<b>51,329</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>544,820</b>	<b>151,451</b>	<b>2,506,691</b>	<b>1,834,069</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.52: Number of Agricultural Households Reporting Inorganic Fertilizer Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Applied with Inorganic Fertilizer		Not Applied with Inorganic Fertilizer		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Area covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	278	0.4	49,671	22,830	49,949	20,673	2,157	22,830
Arusha	1,059	202	51,749	9,461	52,808	4,463	5,200	9,663
Kilimanjaro	774	140	159,484	49,330	160,258	20,220	29,250	49,470
Tanga	704	77	204,859	160,034	205,563	72,684	87,427	160,111
Morogoro	4,383	6,542	127,617	53,018	132,000	22,288	37,273	59,561
Pwani	4,217	4,450	118,272	135,881	122,489	53,913	86,418	140,331
Dar es Salaam	3,355	1,509	196,719	55,996	200,074	39,363	18,142	57,505
Lindi	4,436	10,749	151,569	271,333	156,005	212,066	70,016	282,082
Mtwara	10,877	22,711	232,686	344,232	243,563	193,779	173,164	366,943
Ruvuma	44,293	42,086	112,677	146,742	156,970	102,330	86,498	188,828
Iringa	1,439	373	78,786	5,467	80,225	1,922	3,918	5,840
Mbeya	14,955	5,680	147,246	61,800	162,201	35,756	31,724	67,480
Singida	237	19	72,314	13,248	72,551	9,871	3,396	13,267
Tabora	250	25	49,119	10,127	49,369	6,777	3,376	10,153
Rukwa	310	63	13,658	6,053	13,968	5,096	1,021	6,116
Kigoma	9,905	3,874	246,976	102,708	256,881	36,100	70,482	106,582
Shinyanga	153	*	33,752	6,689	33,905	5,565	1,123	6,689
Kagera	822	408	398,597	243,605	399,419	87,503	156,511	244,013
Mwanza	563	2	132,061	17,769	132,624	11,775	5,996	17,771
Mara	144	15	24,402	8,016	24,546	4,986	3,045	8,030
Manyara	93	38	12,147	1,728	12,240	1,377	389	1,766
Njombe	257	38	39,263	12,868	39,520	12,161	745	12,906
Katavi	124	352	5,054	2,584	5,178	2,001	935	2,936
Simiyu	-	-	9,130	1,193	9,130	961	232	1,193
Geita	-	-	106,710	66,529	106,710	48,860	17,669	66,529
Songwe	11,022	6,100	29,761	11,563	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>114,650</b>	<b>105,454</b>	<b>2,804,279</b>	<b>1,820,803</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	592	244	20,784	6,274	21,376	3,554	2,964	6,518
Kusini Unguja	55	11	13,560	7,079	13,615	2,985	4,105	7,090
Mjini Magharibi	-	-	25,702	12,586	25,702	3,309	9,277	12,586
Kaskazini Pemba	172	52	23,332	7,652	23,504	4,776	2,928	7,704
Kusini Pemba	337	169	48,048	25,197	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>1,156</b>	<b>476</b>	<b>131,426</b>	<b>58,788</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>115,806</b>	<b>105,930</b>	<b>2,935,705</b>	<b>1,879,591</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.53: Number of Agricultural Households Reporting Herbicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Applied with Herbicides		Not Applied with Herbicides		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Area covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	1,494	2,408	48,455	20,422	49,949	20,673	2,157	22,830
Arusha	1,294	829	51,514	8,834	52,808	4,463	5,200	9,663
Kilimanjaro	458	556	159,800	48,914	160,258	20,220	29,250	49,470
Tanga	760	444	204,803	159,667	205,563	72,684	87,427	160,111
Morogoro	546	81	131,454	59,480	132,000	22,288	37,273	59,561
Pwani	1,257	1,369	121,232	138,962	122,489	53,913	86,418	140,331
Dar es Salaam	7,207	10,435	192,867	47,070	200,074	39,363	18,142	57,505
Lindi	29,856	55,679	126,149	226,403	156,005	212,066	70,016	282,082
Mtwara	28,998	56,076	214,565	310,867	243,563	193,779	173,164	366,943
Ruvuma	39,025	33,528	117,945	155,300	156,970	102,330	86,498	188,828
Iringa	875	964	79,350	4,876	80,225	1,922	3,918	5,840
Mbeya	8,308	3,112	153,893	64,368	162,201	35,756	31,724	67,480
Singida	148	1,199	72,403	12,068	72,551	9,871	3,396	13,267
Tabora	-	-	49,369	10,153	49,369	6,777	3,376	10,153
Rukwa	-	-	13,968	6,116	13,968	5,096	1,021	6,116
Kigoma	2,666	592	254,215	105,989	256,881	36,100	70,482	106,582
Shinyanga	-	-	33,905	6,689	33,905	5,565	1,123	6,689
Kagera	2,869	1,448	396,550	242,565	399,419	87,503	156,511	244,013
Mwanza	-	-	132,624	17,771	132,624	11,775	5,996	17,771
Mara	-	-	24,546	8,030	24,546	4,986	3,045	8,030
Manyara	93	19	12,147	1,747	12,240	1,377	389	1,766
Njombe	1,035	403	38,485	12,503	39,520	12,161	745	12,906
Katavi	121	12	5,057	2,924	5,178	2,001	935	2,936
Simiyu	-	-	9,130	1,193	9,130	961	232	1,193
Geita	-	-	106,710	66,529	106,710	48,860	17,669	66,529
Songwe	7,495	5,604	33,288	12,059	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>134,505</b>	<b>174,758</b>	<b>2,784,424</b>	<b>1,751,498</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	77	39	21,299	6,479	21,376	3,554	2,964	6,518
Kusini Unguja	61	49	13,554	7,041	13,615	2,985	4,105	7,090
Mjini Magharibi	290	21	25,412	12,565	25,702	3,309	9,277	12,586
Kaskazini Pemba	-	-	23,504	7,704	23,504	4,776	2,928	7,704
Kusini Pemba	-	-	48,385	25,366	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>428</b>	<b>109</b>	<b>132,154</b>	<b>59,155</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>134,933</b>	<b>174,867</b>	<b>2,916,578</b>	<b>1,810,654</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.54: Number of Agricultural Households Reporting Fungicides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Applied with Fungicides		Not Applied with Fungicides		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area Covered by Permanent Crop in MIXED CROP (ha)	Total Area Covered by Permanent Crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	2,515	12,722	47,434	10,108	49,949	20,673	2,157	22,830
Arusha	636	272	52,172	9,391	52,808	4,463	5,200	9,663
Kilimanjaro	3,259	720	156,999	48,749	160,258	20,220	29,250	49,470
Tanga	649	382	204,914	159,729	205,563	72,684	87,427	160,111
Morogoro	538	228	131,462	59,332	132,000	22,288	37,273	59,561
Pwani	12,540	17,187	109,949	123,144	122,489	53,913	86,418	140,331
Dar es Salaam	9,478	7,017	190,596	50,488	200,074	39,363	18,142	57,505
Lindi	73,249	132,329	82,756	149,753	156,005	212,066	70,016	282,082
Mtwara	135,994	228,326	107,569	138,617	243,563	193,779	173,164	366,943
Ruvuma	46,186	57,760	110,784	131,068	156,970	102,330	86,498	188,828
Iringa	-	-	80,225	5,840	80,225	1,922	3,918	5,840
Mbeya	5,600	3,995	156,601	63,485	162,201	35,756	31,724	67,480
Singida	696	2,178	71,855	11,089	72,551	9,871	3,396	13,267
Tabora	588	2	48,781	10,150	49,369	6,777	3,376	10,153
Rukwa	-	-	13,968	6,116	13,968	5,096	1,021	6,116
Kigoma	2,639	447	254,242	106,135	256,881	36,100	70,482	106,582
Shinyanga	398	32	33,507	6,657	33,905	5,565	1,123	6,689
Kagera	1,252	316	398,167	243,698	399,419	87,503	156,511	244,013
Mwanza	455	5	132,169	17,766	132,624	11,775	5,996	17,771
Mara	441	44	24,105	7,986	24,546	4,986	3,045	8,030
Manyara	-	-	12,240	1,766	12,240	1,377	389	1,766
Njombe	1,426	3,066	38,094	9,841	39,520	12,161	745	12,906
Katavi	70	57	5,108	2,879	5,178	2,001	935	2,936
Simiyu	296	*	8,834	1,193	9,130	961	232	1,193
Geita	-	-	106,710	66,529	106,710	48,860	17,669	66,529
Songwe	3,276	2,472	37,507	15,191	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>302,181</b>	<b>469,557</b>	<b>2,616,748</b>	<b>1,456,699</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	-	-	21,376	6,518	21,376	3,554	2,964	6,518
Kusini Unguja	-	-	13,615	7,090	13,615	2,985	4,105	7,090
Mjini Magharibi	-	-	25,702	12,586	25,702	3,309	9,277	12,586
Kaskazini Pemba	-	-	23,504	7,704	23,504	4,776	2,928	7,704
Kusini Pemba	123	6	48,262	25,360	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>123</b>	<b>6</b>	<b>132,459</b>	<b>59,258</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>302,304</b>	<b>469,563</b>	<b>2,749,207</b>	<b>1,515,957</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>

**Table 3.55: Number of Agricultural Households Reporting Insecticides Use and Area Applied by Region During 2019/20 Agricultural Year, Tanzania - PERMANENT CROPS**

Region	Applied with Insecticides		Not Applied with Insecticides		Total Number of Households Planting Permanent Crops	Area of Plants in MONO CROP (ha)	Area covered by permanent crop in MIXED CROP (ha)	Total Area covered by Permanent crops (MONO + MIXED) (ha)
	Number of Households	Planted Area (ha)	Number of Households	Planted Area (ha)				
Dodoma	3,882	13,242	46,067	9,588	49,949	20,673	2,157	22,830
Arusha	2,804	522	50,004	9,140	52,808	4,463	5,200	9,663
Kilimanjaro	13,869	3,013	146,389	46,457	160,258	20,220	29,250	49,470
Tanga	4,095	3,763	201,468	156,348	205,563	72,684	87,427	160,111
Morogoro	2,907	2,046	129,093	57,514	132,000	22,288	37,273	59,561
Pwani	18,174	26,386	104,315	113,945	122,489	53,913	86,418	140,331
Dar es Salaam	10,190	6,717	189,884	50,788	200,074	39,363	18,142	57,505
Lindi	62,873	111,971	93,132	170,111	156,005	212,066	70,016	282,082
Mtwara	133,278	225,059	110,285	141,884	243,563	193,779	173,164	366,943
Ruvuma	62,292	62,996	94,678	125,832	156,970	102,330	86,498	188,828
Iringa	1,154	815	79,071	5,025	80,225	1,922	3,918	5,840
Mbeya	10,978	5,380	151,223	62,100	162,201	35,756	31,724	67,480
Singida	1,859	2,180	70,692	11,087	72,551	9,871	3,396	13,267
Tabora	592	0.4	48,777	10,152	49,369	6,777	3,376	10,153
Rukwa	-	-	13,968	6,116	13,968	5,096	1,021	6,116
Kigoma	8,117	1,770	248,764	104,812	256,881	36,100	70,482	106,582
Shinyanga	1,556	139	32,349	6,550	33,905	5,565	1,123	6,689
Kagera	2,318	2,622	397,101	241,392	399,419	87,503	156,511	244,013
Mwanza	4,280	119	128,344	17,653	132,624	11,775	5,996	17,771
Mara	424	72	24,122	7,958	24,546	4,986	3,045	8,030
Manyara	93	38	12,147	1,728	12,240	1,377	389	1,766
Njombe	2,862	2,705	36,658	10,202	39,520	12,161	745	12,906
Katavi	148	231	5,030	2,705	5,178	2,001	935	2,936
Simiyu	-	-	9,130	1,193	9,130	961	232	1,193
Geita	219	*	106,491	66,529	106,710	48,860	17,669	66,529
Songwe	8,808	5,314	31,975	12,349	40,783	13,090	4,573	17,663
<b>Mainland Tanzania</b>	<b>357,772</b>	<b>477,098</b>	<b>2,561,157</b>	<b>1,449,158</b>	<b>2,918,929</b>	<b>1,025,578</b>	<b>900,678</b>	<b>1,926,256</b>
Kaskazini Unguja	220	63	21,156	6,455	21,376	3,554	2,964	6,518
Kusini Unguja	341	60	13,274	7,030	13,615	2,985	4,105	7,090
Mjini Magharibi	148	38	25,554	12,548	25,702	3,309	9,277	12,586
Kaskazini Pemba	-	-	23,504	7,704	23,504	4,776	2,928	7,704
Kusini Pemba	966	269	47,419	25,097	48,385	6,775	18,592	25,366
<b>Tanzania Zanzibar</b>	<b>1,675</b>	<b>430</b>	<b>130,907</b>	<b>58,834</b>	<b>132,582</b>	<b>21,398</b>	<b>37,866</b>	<b>59,264</b>
<b>Tanzania</b>	<b>359,447</b>	<b>477,528</b>	<b>2,692,064</b>	<b>1,507,993</b>	<b>3,051,511</b>	<b>1,046,977</b>	<b>938,544</b>	<b>1,985,520</b>



# **AGROPROCESSING**

**Table 3.56: Number of Agricultural Households Reported to Process Different Crops by Region During 2019/20 Agricultural Year, Tanzania**

Region	Process any of the Crops Harvested		
	Processed	Did Not Process	Total Number of Households
Dodoma	163,535	346,613	510,148
Arusha	522	220,494	221,016
Kilimanjaro	6,915	287,395	294,311
Tanga	6,762	344,649	351,412
Morogoro	113,001	300,216	413,216
Pwani	408	217,513	217,921
Dar es Salaam	3,174	411,126	414,300
Lindi	2,303	227,361	229,664
Mtwara	4,723	300,310	305,034
Ruvuma	7,036	324,983	332,020
Iringa	129,209	80,277	209,485
Mbeya	20,393	360,245	380,639
Singida	71,276	201,386	272,662
Tabora	35,495	334,476	369,971
Rukwa	874	217,375	218,249
Kigoma	181,410	166,967	348,378
Shinyanga	70,522	134,405	204,926
Kagera	41,834	441,185	483,019
Mwanza	3,698	402,336	406,034
Mara	21,518	212,412	233,931
Manyara	1,313	270,912	272,224
Njombe	16,354	143,754	160,108
Katavi	4,106	72,761	76,867
Simiyu	59,454	121,235	180,689
Geita	19,838	249,303	269,141
Songwe	22,457	259,364	281,820
<b>Mainland Tanzania</b>	<b>1,008,130</b>	<b>6,649,053</b>	<b>7,657,185</b>
Kaskazini Unguja	1,072	30,522	31,594
Kusini Unguja	840	16,753	17,593
Mjini Magharibi	2,972	32,901	35,873
Kaskazini Pemba	310	40,471	40,781
Kusini Pemba	15,801	38,578	54,379
<b>Tanzania Zanzibar</b>	<b>20,995</b>	<b>159,225</b>	<b>180,220</b>
<b>Tanzania</b>	<b>1,029,125</b>	<b>6,808,278</b>	<b>7,837,405</b>

**Table 3.57: Quantity of Main Product Produced by Type of Crop Processed and Region During 2019/20 Agricultural Year, Tanzania**

Region	Flour/Mill							
	Maize	Sorghum	Bulrush Millet	Finger Millet	Wheat	Cassava	Cowpeas	Coffee
	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)
Dodoma	18,983	3,568	2,090	-	-	-	-	-
Arusha	600	-	-	-	-	-	-	-
Kilimanjaro	254	-	-	-	-	-	-	-
Tanga	1,103	-	-	-	-	394	-	-
Morogoro	25,770	30	-	-	-	14	-	1
Pwani	14	-	-	-	-	90	-	-
Dar es Salaam	-	-	-	-	-	25	-	-
Lindi	-	-	-	-	-	86	-	-
Mtwara	761	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	46	-	-
Iringa	46,205	133	-	-	-	16	8	-
Mbeya	1,208	-	-	-	-	-	-	-
Singida	13,860	5,541	375	-	-	24	-	-
Tabora	16,238	21	-	-	-	105	-	-
Rukwa	-	-	-	-	-	1,178	-	-
Kigoma	139,580	1,782	2	16	-	15,450	-	4,566
Shinyanga	28,524	2,740	176	13	-	-	-	-
Kagera	6,002	24	-	-	-	306	-	-
Mwanza	3	-	-	-	-	6	-	-
Mara	18,959	366	-	-	-	41,178	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	4,224	-	-	-	7	92	-	-
Katavi	1,457	-	-	-	-	-	-	-
Simiyu	13,699	20	-	-	-	-	-	-
Geita	2,535	-	-	-	-	-	-	-
Songwe	14,242	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>354,220</b>	<b>14,223</b>	<b>2,644</b>	<b>29</b>	<b>7</b>	<b>59,009</b>	<b>8</b>	<b>4,567</b>
Kaskazini Unguja	3	-	-	-	-	17	-	-
Kusini Unguja	-	-	-	-	-	39	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	14	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>57</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>354,237</b>	<b>14,223</b>	<b>2,644</b>	<b>29</b>	<b>7</b>	<b>59,066</b>	<b>8</b>	<b>4,567</b>

**Cont...Table 3.57: Quantity of Main Product Produced by Type of Crop Processed and Region During 2019/20 Agricultural Year, Tanzania**

Region	Grain				Oil						Fiber
	Paddy	Bambaranuts	Cashew nut	Coffee	Sunflower	Sesame/Simsim	Groundnut	Palm Tree	Coconut	Soyabeans	Sisal
	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (tons)	Quantity of Main product (litre)	Quantity of Main product (litre)	Quantity of Main product (litre)	Quantity of Main product (litre)	Quantity of Main product (litre)	Quantity of Main product (litre)	Quantity of Main product (tons)
Dodoma	2,505	-	-	-	51,377,848	-	532,524	-	-	-	-
Arusha	2	-	-	-	0	-	-	-	-	-	-
Kilimanjaro	3,957	-	-	-	2,294,641	269,158	-	-	-	-	-
Tanga	87	-	-	68	607,166	-	-	-	1,280	-	6,491
Morogoro	189,369	-	-	-	3,178,544	-	-	-	-	-	-
Pwani	-	-	-	-	0	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	609,683	145,163	-	-	-	-	-
Lindi	4,842	-	-	-	134,467	-	-	-	-	-	-
Mtwara	37	-	131	-	0	-	-	-	-	-	-
Ruvuma	1,549	-	-	242	7,867,965	-	-	-	-	-	-
Iringa	1,451	-	-	-	119,645	-	-	-	-	-	-
Mbeya	10,087	-	-	926	55,840	-	-	25,198,594	-	35,969	-
Singida	1,301	-	-	-	990,772	-	-	-	-	-	-
Tabora	7,995	-	-	-	339,152	-	247,293	-	-	-	-
Rukwa	2	-	-	-	547,995	-	74,131	-	-	-	-
Kigoma	1,859	14	-	372	15,272	-	26,219	23,044,520	-	-	-
Shinyanga	40,665	-	-	-	57,405	-	-	-	-	-	-
Kagera	-	-	-	148	268,933,61	-	-	-	-	-	7
Mwanza	39,045	-	-	-	26,052	-	-	-	-	-	-
Mara	352	-	-	-	12,227	-	-	-	-	-	-
Manyara	-	-	-	-	350,270	-	-	-	-	-	-
Njombe	185	-	-	-	130,754	-	-	-	-	-	-
Katavi	655	-	-	-	42,242	-	-	-	-	-	-
Simiyu	4,726	-	-	-	159,847	-	-	-	-	-	-
Geita	88,819	-	-	-	1,299,910	-	5,420	-	-	-	-
Songwe	26	-	-	-	108,407	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>399,519</b>	<b>14</b>	<b>131</b>	<b>1,756</b>	<b>97,219,465</b>	<b>414,321</b>	<b>885,587</b>	<b>48,243,114</b>	<b>1,280</b>	<b>35,969</b>	<b>6,498</b>
Kaskazini Unguja	0.1	-	-	-	0	-	-	-	-	-	-
Kusini Unguja	43	-	-	-	0	-	-	-	-	-	-
Mjini Magharibi	2,613	-	-	-	0	-	-	-	23,949	-	-
Kaskazini Pemba	39	-	-	-	0	-	-	-	-	-	-
Kusini Pemba	1,441	-	-	-	0	-	-	-	99,383	-	-
<b>Tanzania Zanzibar</b>	<b>4,136</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>123,332</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>403,655</b>	<b>14</b>	<b>131</b>	<b>1,756</b>	<b>97,219,465</b>	<b>414,321</b>	<b>885,587</b>	<b>48,243,114</b>	<b>124,612</b>	<b>35,969</b>	<b>6,498</b>

**Table 3.58: Number of Agricultural Households Reported to Sell Flour/Mill Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sale								
	Neighbour	Local Market/ Trade store	Secondary Market	Marketing Cooperative	Farmers Association	Large Scale Farm	Trader at Farm	Did Not Sell	Other
Dodoma	1,012	-	-	-	-	-	-	-	323
Arusha	86	157	-	-	-	-	-	-	-
Kilimanjaro	98	-	-	-	-	-	-	-	-
Tanga	-	368	-	-	-	-	-	158	-
Morogoro	1,156	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	182	-
Ruvuma	-	-	-	-	-	-	-	-	-
Iringa	-	527	-	-	-	-	-	-	-
Mbeya	267	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-
Tabora	771	581	-	-	-	-	-	-	-
Rukwa	327	-	-	-	-	-	-	-	-
Kigoma	611	1,998	-	233	-	-	573	1,655	-
Shinyanga	-	-	157	-	-	-	157	-	-
Kagera	3,329	1,536	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-
Mara	166	1,005	207	-	-	-	89	-	-
Manyara	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-
Katavi	106	-	-	-	-	-	-	-	-
Simiyu	296	-	-	-	-	-	-	-	-
Geita	218	1,264	238	-	-	-	-	-	-
Songwe	328	1,562	-	328	300	-	-	490	-
Mainland Tanzania	8,771	8,998	602	561	300	-	819	2,485	323
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	55	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
Tanzania Zanzibar	-	55	-	-	-	-	-	-	-
Tanzania	8,771	9,053	602	561	300	-	819	2,485	323

**Table 3.59: Number of Agricultural Households Reported to Sell Grains Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sell								
	Neighbour	Local Market/ Trade Store	Secondary Market	Marketing Cooperative	Farmers Association	Large Scale Farm	Trader at Farm	Did Not Sell	Other
Dodoma	204	-	-	-	-	-	-	-	-
Arusha	-	93	-	-	-	-	-	-	-
Kilimanjaro	835	868	-	-	-	-	183	-	120
Tanga	-	721	-	809	-	-	202	-	216
Morogoro	3,563	5,659	-	259	-	-	1,350	146	1,158
Pwani	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-
Lindi	422	321	-	-	-	-	-	-	-
Mtwara	2,108	177	-	-	-	-	-	-	357
Ruvuma	324	1,018	-	522	-	-	-	-	-
Iringa	111	-	-	-	-	-	-	-	-
Mbeya	-	1,497	-	953	140	-	-	-	362
Singida	-	-	-	-	-	-	-	-	-
Tabora	272	480	180	-	-	-	-	-	-
Rukwa	-	102	-	-	-	-	-	-	-
Kigoma	1,526	1,913	-	-	-	-	-	-	626
Shinyanga	2,299	1,351	-	318	-	-	456	-	141
Kagera	-	-	-	1,030	-	-	449	-	-
Mwanza	158	2,186	-	-	-	-	651	-	-
Mara	-	131	207	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	109	-	-
Katavi	106	-	-	-	-	-	83	-	-
Simiyu	-	470	-	-	-	-	-	-	-
Geita	-	2,151	435	-	-	-	-	244	524
Songwe	-	-	-	-	-	-	-	-	-
Mainland Tanzania	11,928	19,138	822	3,891	140	-	3,483	390	3,504
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
Tanzania Zanzibar	-	-	-	-	-	-	-	-	-
Tanzania	11,928	19,138	822	3,891	140	-	3,483	390	3,504

**Table 3.60: Number of Agricultural Households Reported to Sell Oil Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sell								
	Neighbour	Local Market/ Trade Store	Secondary Market	Marketing Cooperative	Farmers Association	Large Scale Farm	Trader at Farm	Did Not Sell	Other
Dodoma	1,581	4,728	-	-	-	-	933	398	1,871
Arusha	-	91	-	-	-	-	-	-	-
Kilimanjaro	299	971	-	-	-	-	-	-	-
Tanga	119	546	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	968	-	-	-	-	968	-	-
Lindi	-	-	-	-	-	-	-	336	-
Mtwara	-	-	-	-	-	-	-	-	-
Ruvuma	473	898	-	-	-	-	-	-	462
Iringa	-	247	-	-	-	-	-	-	-
Mbeya	841	2,395	-	-	-	-	-	-	-
Singida	534	511	-	-	-	-	-	-	300
Tabora	272	859	313	-	-	-	-	-	-
Rukwa	138	306	-	-	-	-	-	-	-
Kigoma	1,227	1,546	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-
Kagera	-	1,366	700	-	-	-	-	-	-
Mwanza	-	651	-	-	-	-	-	-	-
Mara	-	153	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-
Njombe	-	136	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-
Simiyu	-	148	-	-	-	-	-	-	-
Geita	-	786	-	-	-	-	-	-	238
Songwe	-	433	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>5,484</b>	<b>17,739</b>	<b>1,013</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,901</b>	<b>734</b>	<b>2,871</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	49	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>49</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>5,533</b>	<b>17,739</b>	<b>1,013</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,901</b>	<b>734</b>	<b>2,871</b>

**Table 3.61: Number of Agricultural Households Reported to Sell Fiber Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sell								
	Neighbour	Local Market/ Trade Store	Secondary Market	Marketing Cooperative	Farmers Association	Large Scale Farm	Trader at Farm	Did Not Sell	Other
Dodoma	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-
Tanga	-	176	-	175	-	166	-	-	175
Morogoro	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-
Kagera	-	-	723	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-
Mainland Tanzania	-	176	723	175	-	166	-	-	175
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
Tanzania Zanzibar	-	-	-	-	-	-	-	-	-
Tanzania	-	176	723	175	-	166	-	-	175



**Table 3.62: Number of Agricultural Households Reported to Sell Other Products Produced from Processed Crops by Place of Sell and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sell								
	Neighbour	Local Market/ Trade Store	Secondary Market	Marketing Cooperative	Farmers Association	Large Scale Farm	Trader at Farm	Did Not Sell	Other
Dodoma	-	-	-	-	-	-	328	-	-
Arusha	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	649	-	-
Tanga	-	353	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-
Mbeya	-	-	-	-	419	-	-	-	249
Singida	-	-	-	-	-	-	-	-	-
Tabora	313	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-	-
Kagera	1,916	1,233	452	-	-	-	-	-	388
Mwanza	-	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-
Simiyu	161	-	-	-	-	-	490	1,063	-
Geita	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>2,390</b>	<b>1,586</b>	<b>452</b>	<b>-</b>	<b>419</b>	<b>-</b>	<b>1,467</b>	<b>1,063</b>	<b>637</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>2,390</b>	<b>1,586</b>	<b>452</b>	<b>-</b>	<b>419</b>	<b>-</b>	<b>1,467</b>	<b>1,063</b>	<b>637</b>

**Table 3.63: Number of Agricultural Households Reported Different Type of Packaging by Main Product and Region During the 2019/20 Agricultural Year, Tanzania**

Region	Flour/Mill							
	Main Type of Packaging							
	Total	Leno bags	Sacks	Box	Hermetic bags	Plastic containers	Bottles	Other
Dodoma	117,745	41,332	31,918	-	14,949	25,279	-	4,267
Arusha	338	157	86	95	-	-	-	-
Kilimanjaro	168	-	-	-	98	-	-	70
Tanga	2,330	2,102	228	-	-	-	-	-
Morogoro	69,068	58,022	4,136	-	-	6,539	-	371
Pwani	407	135	135	-	-	137	-	-
Dar Es Salaam	1,239	-	-	-	1,239	-	-	-
Lindi	1,224	624	-	-	600	-	-	-
Mtwara	1,550	234	649	-	-	667	-	-
Ruvuma	141	-	141	-	-	-	-	-
Iringa	125,559	68,963	284	-	5,008	45,395	-	5,909
Mbeya	12,995	10,722	1,581	-	267	267	-	158
Singida	73,683	59,106	488	-	1,024	13,065	-	-
Tabora	19,924	4,552	2,891	-	1,572	8,355	-	2,554
Rukwa	465	-	327	-	-	138	-	-
Kigoma	210,571	82,794	45,433	-	1,310	72,318	1,081	7,635
Shinyanga	56,519	16,513	18,870	-	2,873	16,034	-	2,229
Kagera	34,510	21,933	10,836	-	519	704	-	518
Mwanza	437	277	160	-	-	-	-	-
Mara	20,803	14,790	5,519	-	321	-	-	173
Manyara	-	-	-	-	-	-	-	-
Njombe	15,172	14,494	124	-	99	306	-	149
Katavi	3,734	189	-	-	134	3,345	-	66
Simiyu	22,126	13,779	6,497	-	284	1,387	-	179
Geita	7,656	6,589	456	-	-	234	-	377
Songwe	17,252	8,339	7,965	-	-	-	-	948
<b>Mainland Tanzania</b>	<b>815,616</b>	<b>425,646</b>	<b>138,724</b>	<b>95</b>	<b>30,297</b>	<b>194,170</b>	<b>1,081</b>	<b>25,603</b>
Kaskazini Unguja	1,072	1,072	-	-	-	-	-	-
Kusini Unguja	360	109	70	-	-	181	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	139	-	139	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,571</b>	<b>1,181</b>	<b>209</b>	<b>-</b>	<b>-</b>	<b>181</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>817,187</b>	<b>426,827</b>	<b>138,933</b>	<b>95</b>	<b>30,297</b>	<b>194,351</b>	<b>1,081</b>	<b>25,603</b>

**Cont...Table 3.63: Number of Agricultural Households Reported Different Type of Packaging by Main Product and Region During the 2019/20 Agricultural Year, Tanzania**

Region	Grain							
	Main Type of Packaging							Other
	Total	Leno bags	Sacks	Box	Hermetic bags	Plastic Containers	Bottles	
Dodoma	3,462	399	2,209	-	195	659	-	-
Arusha	93	-	93	-	-	-	-	-
Kilimanjaro	2,116	1,214	752	-	150	-	-	-
Tanga	1,947	1,411	268	-	-	-	-	268
Morogoro	65,503	55,547	7,039	-	-	2,917	-	-
Pwani	-	-	-	-	-	-	-	-
Dar Es Salaam	-	-	-	-	-	-	-	-
Lindi	743	-	743	-	-	-	-	-
Mtwara	3,174	1,781	524	-	177	357	-	335
Ruvuma	1,864	876	655	-	-	-	-	333
Iringa	3,852	3,741	111	-	-	-	-	-
Mbeya	3,330	2,827	503	-	-	-	-	-
Singida	1,992	1,992	-	-	-	-	-	-
Tabora	10,233	3,875	1,147	-	3,636	1,328	-	247
Rukwa	102	-	102	-	-	-	-	-
Kigoma	12,508	4,408	3,879	-	-	3,893	-	328
Shinyanga	53,180	13,375	21,176	191	14,227	4,075	-	136
Kagera	1,480	291	1,189	-	-	-	-	-
Mwanza	2,995	-	2,995	-	-	-	-	-
Mara	1,239	751	488	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	415	415	-	-	-	-	-	-
Katavi	383	106	83	-	-	194	-	-
Simiyu	7,427	1,533	5,715	-	-	-	-	179
Geita	6,575	4,949	1,443	-	183	-	-	-
Songwe	593	351	242	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>185,206</b>	<b>99,842</b>	<b>51,356</b>	<b>191</b>	<b>18,568</b>	<b>13,423</b>	<b>-</b>	<b>1,826</b>
Kaskazini Unguja	51	51	-	-	-	-	-	-
Kusini Unguja	335	172	163	-	-	-	-	-
Mjini Magharibi	2,923	2,923	-	-	-	-	-	-
Kaskazini Pemba	310	310	-	-	-	-	-	-
Kusini Pemba	15,560	15,033	527	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>19,179</b>	<b>18,489</b>	<b>690</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>204,385</b>	<b>118,331</b>	<b>52,046</b>	<b>191</b>	<b>18,568</b>	<b>13,423</b>	<b>-</b>	<b>1,826</b>

**Cont...Table 3.63: Number of Agricultural Households Reported Different Type of Packaging by Main Product and Region During the 2019/20 Agricultural Year, Tanzania**

Region	Oil							
	Main Type of Packaging							
	Total	Leno bags	Sacks	Box	Hermetic Bags	Plastic Containers	Bottles	Other
Dodoma	73,551	-	2,224	-	-	41,362	21,407	8,558
Arusha	91	-	-	-	-	91	-	-
Kilimanjaro	3,807	-	-	-	-	944	59	2,804
Tanga	920	-	-	-	-	245	247	428
Morogoro	2,606	-	-	-	-	1,237	1,369	-
Pwani	-	-	-	-	-	-	-	-
Dar Es Salaam	1,936	968	968	-	-	-	-	-
Lindi	336	-	-	-	-	336	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	5,033	-	-	-	-	3,044	1,166	823
Iringa	1,245	-	-	-	-	1,245	-	-
Mbeya	3,627	-	-	-	225	1,274	491	1,637
Singida	6,436	-	300	-	511	1,032	3,475	1,118
Tabora	4,739	-	983	-	-	1,578	1,552	626
Rukwa	444	-	306	-	-	138	-	-
Kigoma	4,564	340	-	-	-	2,201	1,123	900
Shinyanga	2,256	-	-	-	-	1,989	267	-
Kagera	3,356	-	-	-	-	674	2,682	-
Mwanza	651	-	-	-	-	-	651	-
Mara	153	-	-	-	-	-	-	153
Manyara	1,313	-	-	-	-	1,053	-	260
Njombe	1,247	-	-	-	-	1,247	-	-
Katavi	387	-	-	-	-	99	189	99
Simiyu	2,512	161	-	-	-	816	582	953
Geita	1,287	-	-	-	-	507	-	780
Songwe	5,205	215	-	-	-	4,057	933	-
<b>Mainland Tanzania</b>	<b>127,702</b>	<b>1,684</b>	<b>4,781</b>	<b>-</b>	<b>736</b>	<b>65,169</b>	<b>36,193</b>	<b>19,139</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	49	-	49	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	420	148	-	-	-	-	-	272
<b>Tanzania Zanzibar</b>	<b>469</b>	<b>148</b>	<b>49</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>272</b>
<b>Tanzania</b>	<b>128,171</b>	<b>1,832</b>	<b>4,830</b>	<b>-</b>	<b>736</b>	<b>65,169</b>	<b>36,193</b>	<b>19,411</b>

## **ON-FARM INVESTMENT**

**Table 3.64: Number of Agricultural Households Reported to Use Farm Implements/Assets by Region During 2019/20 Agricultural Year, Tanzania**

Region	Equipment/Asset Used															
	Panga	Hand Hoe	Hand Sprayer	Oxen	Ox Plough	Ox Seed Planter	Ox Cart	Tractor	Tractor Plough	Tractor Harrow	Shellers/ threshers	Power Tiller	Ox Ridger	Water Pumps	Sprinklers	Other
Dodoma	465,013	498,177	9,437	295,396	280,107	4,954	84,692	100,178	92,433	7,779	62,050	12,749	6,342	6,431	1,305	2,311
Arusha	166,641	174,517	70,426	56,371	48,319	8,738	14,274	83,903	58,162	21,828	44,093	1,453	5,017	5,195	1,913	3,295
Kilimanjaro	277,477	282,900	133,871	19,496	16,904	2,267	3,311	92,700	59,339	24,992	73,257	3,749	1,267	5,549	5,687	10,408
Tanga	335,457	340,033	40,804	5,050	5,811	1,193	2,579	41,399	33,416	5,501	45,810	2,445	603	2,428	1,494	4,540
Morogoro	366,431	389,621	116,875	76,356	75,123	7,336	11,043	139,174	109,412	37,717	20,890	2,808	3,443	9,817	5,463	6,281
Pwani	194,801	199,206	33,638	4,115	4,269	171	769	19,599	16,053	5,845	1,439	371	1,176	3,930	3,207	4,044
Dar es Salaam	345,475	362,747	62,373	15,642	22,693	4,097	6,871	42,349	37,553	28,153	13,337	6,105	2,787	16,737	5,384	9,537
Lindi	222,983	225,187	64,976	225	415	380	190	16,476	13,801	316	-	513	-	673	-	34,574
Mtwara	296,293	300,977	74,013	440	1,100	353	361	13,975	10,381	11,525	344	1,064	360	13,548	17,202	17,071
Ruvuma	316,668	328,582	96,582	1,471	390	239	2,027	6,433	4,445	2,380	135,207	776	771	1,650	7,780	41,175
Iringa	193,591	207,160	90,774	79,611	76,547	1,566	12,054	29,299	26,982	4,969	31,125	17,064	1,898	8,610	3,590	3,758
Mbeya	317,597	364,023	120,997	106,585	102,059	4,664	4,557	11,263	11,648	19,947	21,707	36,966	3,925	14,658	13,934	20,895
Singida	244,120	267,763	21,869	188,797	171,258	208	66,195	12,374	6,619	2,668	29,572	624	3,112	1,224	1,677	25,729
Tabora	325,937	361,262	54,790	210,272	213,204	449	91,581	8,091	5,559	4,917	6,598	1,532	11,120	7,414	4,656	8,477
Rukwa	185,786	198,582	30,925	163,830	160,534	381	24,187	1,445	1,022	6,197	32,040	5,782	6,400	7,633	990	1,350
Kigoma	333,398	345,706	31,097	3,019	1,567	643	1,555	-	-	984	1,323	-	523	893	3,778	20,470
Shinyanga	194,769	202,204	38,901	156,811	142,722	1,043	42,560	7,067	5,520	926	4,929	166	3,183	711	287	2,605
Kagera	457,153	475,441	46,003	16,114	13,859	3,247	8,772	2,955	1,364	20,696	1,971	1,364	1,815	3,976	2,670	13,365
Mwanza	319,315	383,444	46,586	134,652	135,419	1,283	29,676	5,313	4,503	5,229	1,210	1,502	4,313	5,318	1,298	1,285
Mara	210,361	216,752	20,180	106,524	106,080	613	9,732	3,809	4,123	13,650	5,990	356	2,921	522	587	1,145
Manyara	214,438	247,539	31,731	101,227	97,071	7,036	50,827	108,123	80,938	6,679	64,566	1,710	6,225	2,567	2,886	1,017
Njombe	147,336	154,121	34,336	40,504	46,051	381	3,947	3,228	2,780	1,888	36,549	358	984	1,567	5,592	133
Katavi	58,864	71,687	4,058	30,004	29,151	328	10,142	919	759	614	4,049	83	2,875	330	706	1,837
Simiyu	160,875	177,419	32,672	110,690	108,988	610	61,212	27,482	19,021	2,282	14,961	475	2,445	5,283	578	533
Geita	218,340	263,945	30,472	99,862	92,783	235	29,315	1,719	1,245	1,816	6,048	-	3,639	2,310	26,249	2,305
Songwe	238,937	270,863	47,402	145,650	122,748	3,872	64,802	2,579	3,008	12,755	36,218	1,726	12,158	1,880	2,062	20,644
<b>Mainland Tanzania</b>	<b>6,808,056</b>	<b>7,309,858</b>	<b>1,385,788</b>	<b>2,168,714</b>	<b>2,075,172</b>	<b>56,287</b>	<b>637,231</b>	<b>781,852</b>	<b>610,086</b>	<b>252,253</b>	<b>695,283</b>	<b>101,741</b>	<b>89,302</b>	<b>130,854</b>	<b>120,975</b>	<b>258,784</b>
Kaskazini Unguja	30,425	27,302	3,748	465	116	123	452	4,158	1,754	2,163	605	100	147	1,517	-	3,729
Kusini Unguja	17,005	14,153	4,507	754	111	-	1,744	2,014	2,129	1,966	840	346	-	2,901	563	5,554
Mjini Magharibi	33,589	32,853	5,651	4,778	4,920	-	2,159	2,651	2,050	1,798	342	1,519	138	6,651	380	4,014
Kaskazini Pemba	39,464	39,830	2,075	351	-	-	176	1,188	534	-	196	-	112	552	-	2,204
Kusini Pemba	53,911	53,156	2,713	308	142	142	1,713	4,084	3,545	294	142	142	142	722	294	4,267
<b>Tanzania Zanzibar</b>	<b>174,394</b>	<b>167,294</b>	<b>18,694</b>	<b>6,656</b>	<b>5,289</b>	<b>265</b>	<b>6,244</b>	<b>14,095</b>	<b>10,012</b>	<b>6,221</b>	<b>2,125</b>	<b>2,107</b>	<b>539</b>	<b>12,343</b>	<b>1,237</b>	<b>19,768</b>
<b>Tanzania</b>	<b>6,982,449</b>	<b>7,477,152</b>	<b>1,404,481</b>	<b>2,175,369</b>	<b>2,080,462</b>	<b>56,557</b>	<b>643,473</b>	<b>795,948</b>	<b>620,098</b>	<b>258,472</b>	<b>697,407</b>	<b>103,852</b>	<b>89,842</b>	<b>143,197</b>	<b>122,213</b>	<b>278,552</b>

**Table 3.65: Number of Farm Implements/Assets Owned by the Agricultural Household by Region During 2019/20 Agricultural Year, Tanzania**

Region	Equipment/Asset Owned														
	Panga	Hand Hoe	Hand Sprayer	Oxen	Ox Plough	Ox Seed Planter	Ox Cart	Tractor	Tractor Plough	Tractor Harrow	Shellers/ threshers	Power Tiller	Ox Ridger	Water Pumps	Sprinklers
Dodoma	1,652,937	1,446,315	21,599	453,822	189,493	2,362	22,809	20,316	25,717	5,206	10,198	3,467	4,367	11,663	8,083
Arusha	531,223	543,945	60,820	135,239	32,175	3,860	11,466	8,658	6,432	10,057	4,416	95	4,797	5,158	3,539
Kilimanjaro	956,211	813,534	118,434	38,904	13,688	1,383	3,363	16,386	8,366	49,754	5,516	209	299	7,524	17,449
Tanga	1,166,972	975,939	43,781	14,542	2,144	1,589	1,138	12,389	7,334	2,638	5,722	1,305	1,074	3,516	3,097
Morogoro	1,284,602	1,000,193	99,958	111,027	41,472	3,612	6,086	36,078	24,997	28,798	1,955	2,522	1,290	9,031	5,591
Pwani	610,006	553,645	50,199	22,009	20,146	18,098	17,472	22,187	22,881	24,942	2,083	2,466	3,894	5,948	5,158
Dar es Salaam	977,076	907,958	115,092	10,677	28,254	3,097	9,495	12,706	15,095	11,070	4,053	11,039	2,787	18,363	8,164
Lindi	449,320	593,498	70,714	1,349	450	-	-	4,173	6,253	948	-	308	-	352	-
Mtwara	802,927	968,290	65,378	-	-	-	2,888	1,876	2,790	21,060	5,384	88	2,485	4,954	9,928
Ruvuma	1,160,763	1,149,781	99,448	3,203	5,731	2,035	6,286	5,185	2,198	31,239	57,981	29,006	28,097	28,587	32,638
Iringa	673,313	656,160	68,861	85,405	39,431	-	5,794	12,151	8,579	436	1,130	4,955	192	8,933	2,933
Mbeya	1,297,336	1,099,893	117,947	152,297	75,649	2,606	3,971	50,732	5,849	13,692	5,629	13,250	6,000	15,925	14,213
Singida	675,188	860,350	16,136	422,933	132,379	3,813	37,521	1,448	4,288	7,020	5,873	-	2,092	2,948	875
Tabora	1,506,919	1,466,484	55,264	589,458	231,463	181	62,833	3,997	5,094	9,528	1,685	470	17,874	6,270	5,149
Rukwa	518,175	754,394	29,209	231,199	117,051	-	20,970	273	661	5,449	1,267	583	3,447	7,111	415
Kigoma	1,062,336	1,127,614	39,517	8,134	4,004	3,520	1,322	3,003	2,043	5,299	3,849	233	523	3,800	6,033
Shinyanga	846,649	734,655	30,764	352,672	101,761	180	23,362	4,408	6,764	2,343	2,350	1,060	3,209	595	4,995
Kagera	1,445,422	1,437,425	51,655	21,451	5,440	729	1,552	2,492	8,782	30,058	4,393	5,240	925	7,519	5,520
Mwanza	1,022,084	1,371,607	52,108	441,598	127,744	1,814	26,694	3,421	3,356	7,188	270	3,002	5,059	8,753	45,029
Mara	552,072	778,899	23,042	339,817	97,066	2,410	7,974	775	785	24,670	5,695	225	9,377	433	12,589
Manyara	644,203	764,894	60,215	239,103	75,918	3,845	31,690	23,134	16,758	3,850	11,702	3,029	7,561	4,853	2,704
Njombe	722,704	487,240	59,673	46,866	27,568	420	2,554	2,618	2,922	12,093	1,221	1,176	2,471	2,473	16,233
Katavi	143,334	280,271	4,230	86,991	30,708	1,395	8,741	307	197	705	1,395	167	4,169	330	731
Simiyu	578,689	694,170	27,366	344,080	91,068	579	38,852	5,647	7,819	6,817	2,010	18,100	18,009	21,924	296
Geita	670,334	1,042,171	32,750	259,530	73,845	342	18,636	4,722	-	2,385	3,749	-	3,523	4,054	27,545
Songwe	799,592	836,321	46,929	229,655	112,284	4,211	37,945	7,490	807	27,936	24,672	7,747	15,487	3,470	639
<b>Mainland Tanzania</b>	<b>22,750,387</b>	<b>23,345,646</b>	<b>1,461,089</b>	<b>4,641,961</b>	<b>1,676,932</b>	<b>62,081</b>	<b>411,414</b>	<b>266,572</b>	<b>196,767</b>	<b>345,181</b>	<b>174,198</b>	<b>109,742</b>	<b>149,008</b>	<b>194,487</b>	<b>239,546</b>
Kaskazini Unguja	87,419	54,936	4,835	353	-	-	454	1,300	541	1,366	126	-	-	1,381	-
Kusini Unguja	46,493	25,796	4,811	550	-	-	1,931	1,469	1,333	1,813	288	176	-	2,652	682
Mjini Magharibi	105,521	65,734	5,793	816	1,041	-	1,650	368	134	183	45	339	230	1,984	3,216
Kaskazini Pemba	64,525	75,053	1,570	339	-	-	1,219	478	285	-	-	-	-	377	-
Kusini Pemba	125,726	105,225	2,207	316	-	-	1,425	1,020	1,291	-	-	-	-	589	-
<b>Tanzania Zanzibar</b>	<b>429,684</b>	<b>326,744</b>	<b>19,216</b>	<b>2,374</b>	<b>1,041</b>	<b>-</b>	<b>6,679</b>	<b>4,635</b>	<b>3,584</b>	<b>3,362</b>	<b>459</b>	<b>515</b>	<b>230</b>	<b>6,983</b>	<b>3,898</b>
<b>Tanzania</b>	<b>23,180,071</b>	<b>23,672,390</b>	<b>1,480,305</b>	<b>4,644,335</b>	<b>1,677,973</b>	<b>62,081</b>	<b>418,093</b>	<b>271,207</b>	<b>200,351</b>	<b>348,543</b>	<b>174,657</b>	<b>110,257</b>	<b>149,238</b>	<b>201,470</b>	<b>243,444</b>

**Table 3.66: Number of Agricultural Households Reported Use of Tractors/Draft Animals to Cultivate Land by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households				Total Number of Households
	Using Tractors/ Draft Animals		Not Using Tractors/ Draft Animals		
	Number	Percent	Number	Percent	
Dodoma	356,043	69.8	154,105	30.2	510,148
Arusha	105,730	47.8	115,285	52.2	221,016
Kilimanjaro	92,078	31.3	202,232	68.7	294,311
Tanga	36,579	10.4	314,833	89.6	351,412
Morogoro	159,629	38.6	253,588	61.4	413,216
Pwani	21,172	9.7	196,749	90.3	217,921
Dar es Salaam	38,210	9.2	376,090	90.8	414,300
Lindi	13,347	5.8	216,318	94.2	229,664
Mtwara	10,753	3.5	294,281	96.5	305,034
Ruvuma	3,748	1.1	328,272	98.9	332,020
Iringa	109,946	52.5	99,539	47.5	209,485
Mbeya	119,121	31.3	261,518	68.7	380,639
Singida	182,857	67.1	89,805	32.9	272,662
Tabora	191,666	51.8	178,306	48.2	369,971
Rukwa	160,006	73.3	58,243	26.7	218,249
Kigoma	1,647	0.5	346,731	99.5	348,378
Shinyanga	160,897	78.5	44,030	21.5	204,926
Kagera	13,419	2.8	469,600	97.2	483,019
Mwanza	123,081	30.3	282,952	69.7	406,034
Mara	89,657	38.3	144,274	61.7	233,931
Manyara	169,508	62.3	102,716	37.7	272,224
Njombe	45,411	28.4	114,697	71.6	160,108
Katavi	21,622	28.1	55,245	71.9	76,867
Simiyu	131,946	73.0	48,743	27.0	180,689
Geita	100,973	37.5	168,169	62.5	269,141
Songwe	133,824	47.5	147,997	52.5	281,820
<b>Mainland Tanzania</b>	<b>2,592,870</b>	<b>33.9</b>	<b>5,064,318</b>	<b>66.1</b>	<b>7,657,185</b>
Kaskazini Unguja	2,343	7.4	29,251	92.6	31,594
Kusini Unguja	1,273	7.2	16,319	92.8	17,593
Mjini Magharibi	6,142	17.1	29,731	82.9	35,873
Kaskazini Pemba	772	1.9	40,009	98.1	40,781
Kusini Pemba	2,743	5.0	51,636	95.0	54,379
<b>Tanzania Zanzibar</b>	<b>13,273</b>	<b>7.4</b>	<b>166,946</b>	<b>92.6</b>	<b>180,220</b>
<b>Tanzania</b>	<b>2,606,143</b>	<b>33.3</b>	<b>5,231,262</b>	<b>66.7</b>	<b>7,837,405</b>



**Table 3.67: Number of Tractors/Draft Animals Owned by Agricultural Households by Region During 2019/20 Agricultural Year, Tanzania**

Region	Tractors/Draft Animals Owed					
	Oxen	Bulls	Cows	Donkeys	Tractor	Power Tiller
Dodoma	374,534	156,796	75,966	18,650	12,903	37,762
Arusha	47,492	25,356	1,582	19,344	5,055	-
Kilimanjaro	16,963	12,089	561	4,703	9,694	664
Tanga	2,687	4,278	-	-	1,267	-
Morogoro	87,534	10,532	2,517	-	11,929	3,466
Pwani	3,351	823	416	-	1,387	-
Dar es Salaam	12,508	3,097	-	-	2,704	-
Lindi	1,798	-	-	-	2,477	154
Mtwara	-	-	-	-	340	-
Ruvuma	663	-	-	-	959	-
Iringa	84,683	12,370	1,677	1,541	4,152	8,497
Mbeya	103,152	17,336	15,872	507	4,045	8,878
Singida	228,573	148,042	33,751	9,031	-	-
Tabora	438,182	110,467	327,615	2,321	2,218	1,954
Rukwa	242,434	4,723	1,259	5,207	396	136
Kigoma	8,864	-	-	414	-	-
Shinyanga	252,072	116,569	54,445	3,294	1,191	-
Kagera	17,172	1,606	-	-	1,603	-
Mwanza	302,687	69,185	5,789	-	2,592	-
Mara	50,874	167,218	65,361	2,776	834	13,756
Manyara	68,474	144,840	5,015	12,757	28,208	4,282
Njombe	53,556	4,603	8,553	2,393	1,318	151
Katavi	59,325	5,384	7,238	703	114	-
Simiyu	199,762	176,636	111,986	11,273	8,240	12,770
Geita	235,749	27,662	3,758	1,863	-	-
Songwe	208,290	24,378	447	3,479	1,777	1,933
<b>Mainland Tanzania</b>	<b>3,101,379</b>	<b>1,243,990</b>	<b>723,808</b>	<b>100,256</b>	<b>105,403</b>	<b>94,403</b>
Kaskazini Unguja	-	51	-	-	-	-
Kusini Unguja	-	-	-	-	675	121
Mjini Magharibi	89	2,494	-	-	91	290
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	300	-
<b>Tanzania Zanzibar</b>	<b>89</b>	<b>2,545</b>	<b>-</b>	<b>-</b>	<b>1,066</b>	<b>411</b>
<b>Tanzania</b>	<b>3,101,468</b>	<b>1,246,535</b>	<b>723,808</b>	<b>100,256</b>	<b>106,469</b>	<b>94,814</b>

**Table 3.68: Number of Agricultural Households Reported to Practice Irrigation by Region During 2019/20 Agricultural Year, Tanzania**

Region	Households Practicing Irrigation		Households Not Practicing Irrigation		Total
	Number	Percent	Number	Percent	
Dodoma	30,586	6.0	478,836	94.0	509,421
Arusha	29,881	16.3	153,369	83.7	183,250
Kilimanjaro	48,273	17.0	235,612	83.0	283,885
Tanga	30,926	8.9	315,169	91.1	346,095
Morogoro	21,758	5.3	387,993	94.7	409,750
Pwani	11,501	5.4	201,699	94.6	213,200
Dar es Salaam	112,046	30.6	253,781	69.4	365,827
Lindi	11,261	4.9	217,564	95.1	228,825
Mtwara	7,898	2.6	295,997	97.4	303,895
Ruvuma	22,837	6.9	308,468	93.1	331,305
Iringa	56,308	27.0	152,492	73.0	208,800
Mbeya	47,983	12.8	326,060	87.2	374,042
Singida	27,532	10.1	244,233	89.9	271,765
Tabora	34,405	9.4	333,517	90.6	367,922
Rukwa	8,945	4.1	207,280	95.9	216,226
Kigoma	16,555	4.8	331,169	95.2	347,725
Shinyanga	9,777	4.8	194,031	95.2	203,808
Kagera	23,756	4.9	458,170	95.1	481,926
Mwanza	37,787	9.5	361,016	90.5	398,803
Mara	2,457	1.1	226,589	98.9	229,046
Manyara	12,035	4.6	251,607	95.4	263,643
Njombe	12,163	7.6	146,874	92.4	159,037
Katavi	1,427	1.9	73,970	98.1	75,397
Simiyu	5,264	3.0	172,688	97.0	177,952
Geita	20,860	7.8	247,821	92.2	268,680
Songwe	11,491	4.1	267,504	95.9	278,995
<b>Mainland Tanzania</b>	<b>655,712</b>	<b>8.7</b>	<b>6,843,509</b>	<b>91.3</b>	<b>7,499,220</b>
Kaskazini Unguja	7,213	23.3	23,810	76.7	31,023
Kusini Unguja	6,951	40.3	10,314	59.7	17,265
Mjini Magharibi	13,978	39.9	21,070	60.1	35,047
Kaskazini Pemba	2,590	6.4	38,085	93.6	40,675
Kusini Pemba	14,886	27.5	39,175	72.5	54,061
<b>Tanzania Zanzibar</b>	<b>45,618</b>	<b>25.6</b>	<b>132,454</b>	<b>74.4</b>	<b>178,071</b>
<b>Tanzania</b>	<b>701,330</b>	<b>9.1</b>	<b>6,975,963</b>	<b>90.9</b>	<b>7,677,291</b>

**Table 3.69: Number of Agricultural Households Practicing Irrigation by Main Source of Water for Irrigation and Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Irrigation Water								Total
	River	Lake	Dam	Well	Borehole	Canal	Tap Water	Other	
Dodoma	8,994	889	3,992	4,340	719	8,780	2,871	-	30,586
Arusha	5,918	450	1,297	1,675	1,506	17,603	1,433	-	29,881
Kilimanjaro	14,224	777	934	2,770	1,380	25,028	2,969	191	48,273
Tanga	9,223	1,084	809	5,269	330	12,304	1,907	-	30,926
Morogoro	9,859	1,082	2,074	1,270	1,376	2,789	2,963	345	21,758
Pwani	1,964	-	1,542	3,691	810	1,511	1,850	132	11,501
Dar es Salaam	25,171	3,732	6,110	32,519	12,986	4,716	26,813	-	112,046
Lindi	3,532	-	703	5,612	767	-	648	-	11,261
Mtwara	2,949	-	1,043	1,962	333	1,161	450	-	7,898
Ruvuma	13,058	676	1,307	1,961	1,286	3,445	919	185	22,837
Iringa	28,197	416	1,000	8,983	2,089	13,892	1,180	552	56,308
Mbeya	18,951	744	1,813	3,082	1,342	19,939	2,112	-	47,983
Singida	4,543	2,074	2,956	6,715	2,324	3,238	5,433	250	27,532
Tabora	3,603	679	16,402	8,158	2,874	768	1,921	-	34,405
Rukwa	5,106	-	183	1,889	127	1,306	335	-	8,945
Kigoma	11,914	-	368	1,656	-	1,383	897	337	16,555
Shinyanga	573	313	4,691	1,990	913	388	909	-	9,777
Kagera	9,790	1,221	4,871	2,718	-	1,505	2,296	1,354	23,756
Mwanza	6,596	6,568	9,168	7,077	1,943	2,029	3,896	511	37,787
Mara	1,154	-	242	601	-	28	432	-	2,457
Manyara	3,691	346	1,067	634	107	3,846	2,344	-	12,035
Njombe	5,041	591	105	1,167	-	2,253	3,007	-	12,163
Katavi	422	70	124	283	-	345	182	-	1,427
Simiyu	2,322	1,025	344	528	350	178	517	-	5,264
Geita	2,059	1,784	7,235	7,498	701	519	1,063	-	20,860
Songwe	6,745	1,735	742	-	543	1,189	300	237	11,491
<b>Mainland Tanzania</b>	<b>205,599</b>	<b>26,256</b>	<b>71,122</b>	<b>114,048</b>	<b>34,806</b>	<b>130,143</b>	<b>69,647</b>	<b>4,094</b>	<b>655,712</b>
Kaskazini Unguja	2,115	67	613	1,644	577	703	1,493	-	7,213
Kusini Unguja	475	113	-	3,496	919	821	1,128	-	6,951
Mjini Magharibi	2,458	142	47	4,559	5,956	379	392	43	13,978
Kaskazini Pemba	1,221	78	211	479	130	264	207	-	2,590
Kusini Pemba	10,757	699	120	1,608	280	497	754	171	14,886
<b>Tanzania Zanzibar</b>	<b>17,026</b>	<b>1,099</b>	<b>991</b>	<b>11,786</b>	<b>7,862</b>	<b>2,664</b>	<b>3,974</b>	<b>214</b>	<b>45,618</b>
<b>Tanzania</b>	<b>222,625</b>	<b>27,355</b>	<b>72,113</b>	<b>125,834</b>	<b>42,668</b>	<b>132,807</b>	<b>73,621</b>	<b>4,308</b>	<b>701,330</b>

**Table 3.70: Number of Agricultural Households Reported to Practice Irrigation by Main Methods of Irrigation and Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Method of Obtaining Water							Total
	Gravity	Hand bucket	Hand pump	Motor pump	Drip	Sprinkler	Other	
Dodoma	12,692	12,078	1,348	1,455	1,181	1,553	278	30,586
Arusha	20,666	2,151	1,351	2,721	1,669	892	431	29,881
Kilimanjaro	31,995	3,811	2,100	4,562	1,201	1,986	2,619	48,273
Tanga	13,159	11,523	424	3,479	388	1,215	739	30,926
Morogoro	7,145	5,302	1,537	5,862	245	1,408	259	21,758
Pwani	255	7,271	1,403	2,208	260	-	104	11,501
Dar es Salaam	6,555	72,135	5,005	13,503	4,720	6,849	3,278	112,046
Lindi	1,247	6,582	154	738	490	-	2,049	11,261
Mtwara	522	6,604	264	508	-	-	-	7,898
Ruvuma	10,155	7,652	1,483	1,066	777	1,014	691	22,837
Iringa	20,355	23,168	1,710	8,564	1,238	1,034	240	56,308
Mbeya	32,592	7,657	1,352	3,436	760	1,993	193	47,983
Singida	5,339	8,897	4,289	2,941	3,299	2,767	-	27,532
Tabora	5,021	20,519	2,288	2,917	2,142	1,076	442	34,405
Rukwa	3,741	3,438	-	1,515	127	-	124	8,945
Kigoma	2,338	11,619	334	1,619	277	-	368	16,555
Shinyanga	623	6,786	558	835	336	638	-	9,777
Kagera	2,313	15,106	207	2,805	1,603	1,722	-	23,756
Mwanza	2,781	19,980	1,965	6,217	3,438	3,406	-	37,787
Mara	84	1,332	205	-	178	499	159	2,457
Manyara	4,605	4,575	623	531	553	1,148	-	12,035
Njombe	1,114	5,465	800	861	720	2,737	468	12,163
Katavi	689	163	124	175	276	-	-	1,427
Simiyu	364	1,841	334	2,181	-	543	-	5,264
Geita	414	14,671	1,376	2,822	468	1,107	-	20,860
Songwe	2,323	6,476	-	1,244	215	1,234	-	11,491
<b>Mainland Tanzania</b>	<b>189,087</b>	<b>286,802</b>	<b>31,234</b>	<b>74,765</b>	<b>26,561</b>	<b>34,821</b>	<b>12,442</b>	<b>655,712</b>
Kaskazini Unguja	331	4,244	313	1,431	293	-	601	7,213
Kusini Unguja	767	4,301	-	1,313	168	171	231	6,951
Mjini Magharibi	3,102	4,381	289	5,921	49	49	187	13,978
Kaskazini Pemba	1,075	821	272	292	-	130	-	2,590
Kusini Pemba	9,426	4,153	132	608	260	150	158	14,886
<b>Tanzania Zanzibar</b>	<b>14,701</b>	<b>17,900</b>	<b>1,006</b>	<b>9,565</b>	<b>770</b>	<b>500</b>	<b>1,177</b>	<b>45,618</b>
<b>Tanzania</b>	<b>203,788</b>	<b>304,702</b>	<b>32,240</b>	<b>84,330</b>	<b>27,331</b>	<b>35,321</b>	<b>13,619</b>	<b>701,330</b>

**Table 3.71: Area of Potential Irrigatable Land and Irrigated land by Region During 2019/20 Agricultural Year, Tanzania**

Region	Potential Irrigatable Area (Irrigatable Area) (ha)	Irrigated Land (Area) (ha)	Percent of Irrigated Land
Dodoma	21,076	14,119	67.0
Arusha	18,224	14,089	77.3
Kilimanjaro	29,089	25,878	89.0
Tanga	17,631	10,161	57.6
Morogoro	12,929	10,690	82.7
Pwani	5,678	4,195	73.9
Dar es Salaam	93,525	60,102	64.3
Lindi	8,687	7,070	81.4
Mtwara	4,654	2,895	62.2
Ruvuma	13,776	9,073	65.9
Iringa	29,439	19,727	67.0
Mbeya	60,444	47,236	78.1
Singida	29,448	5,343	18.1
Tabora	24,313	14,640	60.2
Rukwa	5,136	3,765	73.3
Kigoma	4,762	2,990	62.8
Shinyanga	4,382	2,319	52.9
Kagera	12,124	3,996	33.0
Mwanza	16,877	5,293	31.4
Mara	994	672	67.6
Manyara	5,635	4,647	82.5
Njombe	3,760	3,238	86.1
Katavi	1,633	1,480	90.6
Simiyu	4,451	3,187	71.6
Geita	10,652	7,070	66.4
Songwe	5,813	5,158	88.7
<b>Mainland Tanzania</b>	<b>445,129</b>	<b>289,034</b>	<b>64.9</b>
Kaskazini Unguja	2,985	2,620	87.7
Kusini Unguja	4,161	2,694	64.7
Mjini Magharibi	14,060	5,145	36.6
Kaskazini Pemba	793	743	93.7
Kusini Pemba	6,354	5,813	91.5
<b>Tanzania Zanzibar</b>	<b>28,354</b>	<b>17,014</b>	<b>60.0</b>
<b>Tanzania</b>	<b>473,482</b>	<b>306,049</b>	<b>64.6</b>

**Table 3.72: Number of Agricultural Households Reported to Experience Soil Erosion Problem and Practice Soil Erosion Control by Region During 2019/20 Agricultural Year, Tanzania**

Region	Experience Soil Erosion Problem		Did Not Experience Soil Erosion		Total	Practice Soil Erosion Control		Did Not Practice Soil Erosion		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Dodoma	162,957	31.9	347,191	68.1	510,148	74,676	14.6	435,473	85.4	510,148
Arusha	21,643	9.8	199,373	90.2	221,016	23,601	10.7	197,414	89.3	221,016
Kilimanjaro	27,196	9.2	267,115	90.8	294,311	33,926	11.5	260,385	88.5	294,311
Tanga	35,546	10.1	315,866	89.9	351,412	20,902	5.9	330,510	94.1	351,412
Morogoro	31,969	7.7	381,248	92.3	413,216	18,144	4.4	395,073	95.6	413,216
Pwani	17,388	8.0	200,533	92.0	217,921	6,166	2.8	211,755	97.2	217,921
Dar es Salaam	13,134	3.2	401,166	96.8	414,300	16,197	3.9	398,104	96.1	414,300
Lindi	16,328	7.1	213,337	92.9	229,664	587	0.3	229,077	99.7	229,664
Mtwara	8,577	2.8	296,457	97.2	305,034	3,980	1.3	301,054	98.7	305,034
Ruvuma	39,554	11.9	292,466	88.1	332,020	84,975	25.6	247,045	74.4	332,020
Iringa	41,577	19.8	167,908	80.2	209,485	44,592	21.3	164,894	78.7	209,485
Mbeya	43,225	11.4	337,413	88.6	380,639	40,606	10.7	340,033	89.3	380,639
Singida	91,670	33.6	180,992	66.4	272,662	56,060	20.6	216,602	79.4	272,662
Tabora	64,030	17.3	305,941	82.7	369,971	40,102	10.8	329,869	89.2	369,971
Rukwa	43,025	19.7	175,224	80.3	218,249	36,787	16.9	181,462	83.1	218,249
Kigoma	12,289	3.5	336,089	96.5	348,378	20,250	5.8	328,128	94.2	348,378
Shinyanga	46,376	22.6	158,550	77.4	204,926	36,179	17.7	168,748	82.3	204,926
Kagera	57,309	11.9	425,710	88.1	483,019	50,969	10.6	432,051	89.4	483,019
Mwanza	49,140	12.1	356,894	87.9	406,034	44,702	11.0	361,332	89.0	406,034
Mara	23,274	9.9	210,656	90.1	233,931	24,450	10.5	209,480	89.5	233,931
Manyara	29,181	10.7	243,044	89.3	272,224	29,070	10.7	243,154	89.3	272,224
Njombe	16,867	10.5	143,241	89.5	160,108	18,057	11.3	142,051	88.7	160,108
Katavi	7,188	9.4	69,679	90.6	76,867	2,910	3.8	73,957	96.2	76,867
Simiyu	35,096	19.4	145,593	80.6	180,689	11,896	6.6	168,793	93.4	180,689
Geita	40,315	15.0	228,827	85.0	269,141	65,074	24.2	204,067	75.8	269,141
Songwe	43,712	15.5	238,108	84.5	281,820	33,557	11.9	248,263	88.1	281,820
<b>Mainland Tanzania</b>	<b>1,018,566</b>	<b>13.3</b>	<b>6,638,621</b>	<b>86.7</b>	<b>7,657,185</b>	<b>838,415</b>	<b>10.9</b>	<b>6,818,774</b>	<b>89.1</b>	<b>7,657,185</b>
Kaskazini Unguja	1,197	3.8	30,397	96.2	31,594	515	1.6	31,078	98.4	31,594
Kusini Unguja	478	2.7	17,114	97.3	17,593	438	2.5	17,155	97.5	17,593
Mjini Magharibi	1,543	4.3	34,330	95.7	35,873	2,338	6.5	33,535	93.5	35,873
Kaskazini Pemba	3,643	8.9	37,138	91.1	40,781	1,864	4.6	38,917	95.4	40,781
Kusini Pemba	2,381	4.4	51,998	95.6	54,379	4,299	7.9	50,080	92.1	54,379
<b>Tanzania Zanzibar</b>	<b>9,242</b>	<b>5.1</b>	<b>170,977</b>	<b>94.9</b>	<b>180,220</b>	<b>9,454</b>	<b>5.2</b>	<b>170,765</b>	<b>94.8</b>	<b>180,220</b>
<b>Tanzania</b>	<b>1,027,809</b>	<b>13.1</b>	<b>6,809,596</b>	<b>86.9</b>	<b>7,837,405</b>	<b>847,869</b>	<b>10.8</b>	<b>6,989,539</b>	<b>89.2</b>	<b>7,837,405</b>

**Table 3.73: Number of Agricultural Households Reported to Use Different Types of Erosion Control by Region During 2019/20 Agricultural Year, Tanzania**

Region	Soil Erosion															
	Terraces		Erosion Control Bunds		Gabions/Sandbags		Cover Plants		Tree Belts		Water Harvesting Bunds		Drainage Ditches		Others	
	Using	Not Using	Using	Not Using	Using	Not Using	Using	Not Using	Using	Not Using	Using	Not Using	Using	Not Using	Using	Not Using
Dodoma	34,305	40,371	25,470	49,206	1,946	72,730	6,145	68,530	9,870	64,806	2,732	71,944	8,721	65,955	1,051	73,624
Arusha	12,211	11,390	8,154	15,447	1,620	21,982	1,381	22,220	918	22,683	1,260	22,341	5,954	17,648	139	23,463
Kilimanjaro	13,769	20,156	15,707	18,219	2,166	31,759	2,923	31,002	2,122	31,804	943	32,982	9,995	23,931	920	33,005
Tanga	7,916	12,986	4,995	15,907	632	20,270	5,887	15,014	1,703	19,198	428	20,474	5,242	15,660	-	20,902
Morogoro	9,182	8,962	7,103	11,040	866	17,277	2,639	15,505	683	17,461	518	17,626	2,084	16,059	906	17,238
Pwani	3,861	2,305	1,617	4,549	677	5,489	884	5,282	270	5,896	114	6,052	998	5,168	692	5,474
Dar es Salaam	9,048	7,148	3,613	12,583	860	15,336	5,428	10,769	962	15,235	-	16,197	1,239	14,958	-	16,197
Lindi	404	183	154	433	-	587	-	587	-	587	-	587	-	587	-	587
Mtwara	1,762	2,218	1,974	2,006	-	3,980	234	3,746	783	3,196	569	3,411	774	3,205	255	3,725
Ruvuma	52,995	31,980	16,081	68,894	1,634	83,341	4,890	80,085	3,844	81,131	4,184	80,790	15,618	69,357	8,079	76,896
Iringa	19,294	25,298	12,902	31,690	5,772	38,819	7,374	37,218	2,187	42,404	5,528	39,064	11,076	33,515	1,293	43,299
Mbeya	14,203	26,402	14,110	26,496	3,451	37,155	2,645	37,961	3,365	37,241	1,723	38,883	15,254	25,352	1,391	39,214
Singida	32,525	23,535	28,454	27,606	2,004	54,057	3,756	52,304	3,116	52,945	2,391	53,670	13,359	42,701	1,528	54,532
Tabora	22,005	18,097	10,644	29,458	2,978	37,125	756	39,346	2,480	37,622	4,308	35,795	13,066	27,036	-	40,102
Rukwa	11,760	25,027	17,689	19,098	895	35,893	1,683	35,104	445	36,343	807	35,981	13,145	23,643	132	36,656
Kigoma	7,064	13,186	4,761	15,489	-	20,250	367	19,883	276	19,974	983	19,267	10,457	9,793	-	20,250
Shinyanga	8,569	27,609	13,378	22,800	1,063	35,116	806	35,372	621	35,558	4,177	32,002	17,294	18,885	91	36,088
Kagera	8,240	42,729	9,407	41,562	-	50,969	8,769	42,200	6,070	44,899	2,712	48,256	25,474	25,495	3,700	47,268
Mwanza	18,395	26,307	15,524	29,178	2,120	42,582	1,690	43,011	1,743	42,959	1,829	42,873	21,442	23,260	234	44,467
Mara	9,597	14,854	13,900	10,550	781	23,669	1,624	22,826	880	23,571	949	23,502	4,952	19,498	-	24,450
Manyara	13,198	15,871	8,843	20,227	276	28,794	769	28,301	376	28,693	1,106	27,964	7,610	21,459	2,262	26,808
Njombe	9,775	8,282	6,478	11,579	1,479	16,578	1,953	16,104	1,265	16,792	1,917	16,140	4,366	13,692	170	17,887
Katavi	2,216	693	1,765	1,145	196	2,714	70	2,839	128	2,782	220	2,690	966	1,944	-	2,910
Simiyu	2,964	8,931	5,089	6,807	2,165	9,731	395	11,501	743	11,153	714	11,182	5,639	6,257	-	11,896
Geita	25,821	39,253	33,129	31,946	5,995	59,079	-	65,074	279	64,795	1,452	63,622	32,475	32,599	320	64,754
Songwe	20,716	12,841	5,170	28,387	1,546	32,011	1,466	32,091	1,628	31,929	563	32,995	15,971	17,587	-	33,557
<b>Mainland Tanzania</b>	<b>371,795</b>	<b>466,614</b>	<b>286,111</b>	<b>552,302</b>	<b>41,122</b>	<b>797,293</b>	<b>64,534</b>	<b>773,875</b>	<b>46,757</b>	<b>791,657</b>	<b>42,127</b>	<b>796,290</b>	<b>263,171</b>	<b>575,244</b>	<b>23,163</b>	<b>815,249</b>
Kaskazini Unguja	76	439	343	172	-	515	76	439	167	348	-	515	-	515	-	515
Kusini Unguja	55	383	55	382	-	438	-	438	77	361	69	368	180	257	70	367
Mjini Magharibi	691	1,647	351	1,987	-	2,338	-	2,338	-	2,338	351	1,987	1319	1,019	98	2,241
Kaskazini Pemba	299	1,565	722	1,142	-	1,864	-	1,864	130	1,734	189	1,675	1163	701	166	1,698
Kusini Pemba	1,583	2,716	2,792	1,508	-	4,299	206	4,094	282	4,018	-	4,299	714	3,585	329	3,971
<b>Tanzania Zanzibar</b>	<b>2,704</b>	<b>6,750</b>	<b>4,263</b>	<b>5,191</b>	<b>-</b>	<b>9,454</b>	<b>282</b>	<b>9,173</b>	<b>656</b>	<b>8,799</b>	<b>609</b>	<b>8,844</b>	<b>3,376</b>	<b>6,077</b>	<b>663</b>	<b>8,792</b>
<b>Tanzania</b>	<b>374,499</b>	<b>473,364</b>	<b>290,374</b>	<b>557,493</b>	<b>41,122</b>	<b>806,747</b>	<b>64,816</b>	<b>783,048</b>	<b>47,413</b>	<b>800,456</b>	<b>42,736</b>	<b>805,134</b>	<b>266,547</b>	<b>581,321</b>	<b>23,826</b>	<b>824,041</b>

**Table 3.74: Number of Erosion Control Structures by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Soil Erosion							
	Terraces	Erosion Control Bunds	Gabions/Sandbags	Cover Plants	Tree Belts	Water Harvesting Bunds	Drainage Ditches	Others
Dodoma	151,584	65,606	25,572	256,557	297,698	8,608	26,014	151,559
Arusha	100,735	63,339	24,128	7,482	11,153	10,698	34,539	416
Kilimanjaro	288,122	180,033	59,641	20,805	67,995	6,384	157,206	1,774
Tanga	121,343	28,431	75,683	58,929	10,668	2,253	20,176	-
Morogoro	1,028,488	603,187	43,908	9,852	105,660	4,390	4,920	23,185
Pwani	74,410	35,341	11,142	32,592	2,018	114	1,681	40,427
Dar es Salaam	482,746	17,633	12,903	189,464	28,849	-	2,477	-
Lindi	5,764	462	-	-	-	-	-	-
Mtwara	29,628	68,389	-	468	5,042	25,622	3,826	12,752
Ruvuma	7,383,366	521,281	14,471	363,443	87,024	95,122	191,990	4,789,104
Iringa	200,875	504,529	37,989	30,972	6,494	16,365	31,408	26,811
Mbeya	201,946	93,715	33,941	11,689	33,714	8,356	47,442	59,048
Singida	161,316	145,759	11,484	169,575	44,285	6,186	47,286	15,217
Tabora	2,158,994	131,890	234,475	3,451	33,022	31,765	50,529	-
Rukwa	63,837	49,431	22,391	4,237	445	1,531	31,520	132
Kigoma	248,006	45,211	-	367	552	3,616	21,607	-
Shinyanga	200,031	79,169	3,071	806	2,916	14,752	41,469	91
Kagera	140,395	87,592	-	173,968	164,464	23,277	146,851	291,218
Mwanza	624,301	456,552	24,131	6,456	29,000	19,731	62,213	4,689
Mara	258,661	666,341	45,562	113,411	102,911	9,376	22,052	-
Manyara	86,178	37,656	5,512	2,329	7,922	3,317	24,152	6,236
Njombe	25,579	17,796	12,080	25,510	9,449	4,825	11,210	851
Katavi	183,402	162,302	2,419	211	384	476	2,757	-
Simiyu	10,964	21,971	45,145	2,548	5,335	1,415	22,403	-
Geita	1,706,356	4,969,832	76,551	-	55,747	3,841	221,060	12,815
Songwe	636,415	254,160	11,686	7,600	6,250	563	76,252	-
<b>Mainland Tanzania</b>	<b>16,573,442</b>	<b>9,307,608</b>	<b>833,885</b>	<b>1,492,722</b>	<b>1,118,997</b>	<b>302,583</b>	<b>1,303,040</b>	<b>5,436,325</b>
Kaskazini Unguja	1,138	7,138	-	76	12,534	-	-	-
Kusini Unguja	218	2,774	-	-	771	277	305	70
Mjini Magharibi	4,251	652	-	-	-	652	10,217	2,493
Kaskazini Pemba	1,967	2,653	-	-	130	400	2,269	664
Kusini Pemba	35,807	53,977	-	823	7,620	-	1,741	1,027
<b>Tanzania Zanzibar</b>	<b>43,381</b>	<b>67,194</b>	<b>-</b>	<b>899</b>	<b>21,055</b>	<b>1,329</b>	<b>14,532</b>	<b>4,254</b>
<b>Tanzania</b>	<b>16,616,824</b>	<b>9,374,801</b>	<b>833,884</b>	<b>1,493,622</b>	<b>1,140,050</b>	<b>303,912</b>	<b>1,317,572</b>	<b>5,440,580</b>



**Table 3.75: Number of Household Reported to Use Tractors/Draft Animals to Cultivate Land by Region During 2019/20 Agricultural Year, Tanzania**

Region	Used Tractors/Draft Animals		Did Not Use Tractors/ Draft Animals		Total Number of Households
	Number	Percent	Number	Percent	
Dodoma	356,043	69.8	154,105	30.2	510,148
Arusha	105,730	47.8	115,285	52.2	221,016
Kilimanjaro	92,078	31.3	202,232	68.7	294,311
Tanga	36,579	10.4	314,833	89.6	351,412
Morogoro	159,629	38.6	253,588	61.4	413,216
Pwani	21,172	9.7	196,749	90.3	217,921
Dar es Salaam	38,210	9.2	376,090	90.8	414,300
Lindi	13,347	5.8	216,318	94.2	229,664
Mtwara	10,753	3.5	294,281	96.5	305,034
Ruvuma	3,748	1.1	328,272	98.9	332,020
Iringa	109,946	52.5	99,539	47.5	209,485
Mbeya	119,121	31.3	261,518	68.7	380,639
Singida	182,857	67.1	89,805	32.9	272,662
Tabora	191,666	51.8	178,306	48.2	369,971
Rukwa	160,006	73.3	58,243	26.7	218,249
Kigoma	1,647	0.5	346,731	99.5	348,378
Shinyanga	160,897	78.5	44,030	21.5	204,926
Kagera	13,419	2.8	469,600	97.2	483,019
Mwanza	123,081	30.3	282,952	69.7	406,034
Mara	89,657	38.3	144,274	61.7	233,931
Manyara	169,508	62.3	102,716	37.7	272,224
Njombe	45,411	28.4	114,697	71.6	160,108
Katavi	21,622	28.1	55,245	71.9	76,867
Simiyu	131,946	73.0	48,743	27.0	180,689
Geita	100,973	37.5	168,169	62.5	269,141
Songwe	133,824	47.5	147,997	52.5	281,820
<b>Mainland Tanzania</b>	<b>2,592,870</b>	<b>33.9</b>	<b>5,064,318</b>	<b>66.1</b>	<b>7,657,185</b>
Kaskazini Unguja	2,343	7.4	29,251	92.6	31,594
Kusini Unguja	1,273	7.2	16,319	92.8	17,593
Mjini Magharibi	6,142	17.1	29,731	82.9	35,873
Kaskazini Pemba	772	1.9	40,009	98.1	40,781
Kusini Pemba	2,743	5.0	51,636	95.0	54,379
<b>Tanzania Zanzibar</b>	<b>13,273</b>	<b>7.4</b>	<b>166,946</b>	<b>92.6</b>	<b>180,220</b>
<b>Tanzania</b>	<b>2,606,143</b>	<b>33.3</b>	<b>5,231,262</b>	<b>66.7</b>	<b>7,837,405</b>

## **EXTENSION SERVICE AND USE OF CREDIT**

**Table 3.76: Number of Agricultural Households Reported to Receive Extension Advice for Crop Production by Region During 2019/20 Agricultural Year, Tanzania**

Region	Households that Received Crop Advices		Households that Did Not Receive Crop Advices		Crop Growing Households
	Number	Percent	Number	Percent	
Dodoma	22,832	4.4	486,590	7.0	509,421
Arusha	9,639	1.9	173,612	2.5	183,250
Kilimanjaro	23,241	4.5	260,644	3.7	283,885
Tanga	24,500	4.7	321,594	4.6	346,095
Morogoro	31,254	6.0	378,496	5.4	409,750
Pwani	14,952	2.9	198,248	2.8	213,200
Dar es Salaam	16,783	3.2	349,045	5.0	365,827
Lindi	13,239	2.5	215,586	3.1	228,825
Mtwara	13,798	2.7	290,097	4.2	303,895
Ruvuma	32,104	6.2	299,201	4.3	331,305
Iringa	24,994	4.8	183,806	2.6	208,800
Mbeya	35,796	6.9	338,246	4.8	374,042
Singida	13,997	2.7	257,768	3.7	271,765
Tabora	39,697	7.6	328,225	4.7	367,922
Rukwa	18,360	3.5	197,865	2.8	216,226
Kigoma	15,251	2.9	332,473	4.8	347,725
Shinyanga	15,239	2.9	188,569	2.7	203,808
Kagera	32,101	6.2	449,825	6.4	481,926
Mwanza	19,539	3.8	379,264	5.4	398,803
Mara	8,001	1.5	221,045	3.2	229,046
Manyara	9,398	1.8	254,245	3.6	263,643
Njombe	12,649	2.4	146,388	2.1	159,037
Katavi	5,994	1.2	69,403	1.0	75,397
Simiyu	25,600	4.9	152,352	2.2	177,952
Geita	12,292	2.4	256,388	3.7	268,680
Songwe	28,552	5.5	250,443	3.6	278,995
<b>Mainland Tanzania</b>	<b>519,802</b>	<b>100.0</b>	<b>6,979,418</b>	<b>100.0</b>	<b>7,499,220</b>
Kaskazini Unguja	2,721	15.2	28,302	17.7	31,023
Kusini Unguja	2,616	14.6	14,649	9.1	17,265
Mjini Magharibi	5,099	28.5	29,948	18.7	35,047
Kaskazini Pemba	2,791	15.6	37,884	23.7	40,675
Kusini Pemba	4,672	26.1	49,388	30.8	54,061
<b>Tanzania Zanzibar</b>	<b>17,899</b>	<b>100.0</b>	<b>160,171</b>	<b>100.0</b>	<b>178,071</b>
<b>Tanzania</b>	<b>537,701</b>	<b>7.0</b>	<b>7,139,589</b>	<b>93.0</b>	<b>7,677,291</b>

**Table 3.77: Number of Agricultural Households Received Extension Advice for Crop Production by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Spacing		Use of Agrochemicals		Erosion Control		Organic Fertilizer Use		Inorganic Fertilizer Use		Use of Improved Seed		Market Information	
	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received
Dodoma	16,445	6,387	15,919	6,913	7,447	15,385	13,443	9,389	9,663	13,168	16,041	6,791	5,832	17,000
Arusha	7,822	1,816	6,540	3,098	4,602	5,037	3,913	5,726	3,705	5,934	6,385	3,254	777	8,862
Kilimanjaro	19,435	3,806	14,434	8,807	11,415	11,826	12,006	11,235	13,288	9,953	17,972	5,269	7,244	15,997
Tanga	18,175	6,325	14,838	9,662	5,666	18,834	10,786	13,714	8,194	16,306	16,016	8,484	3,832	20,668
Morogoro	26,338	4,917	21,747	9,508	14,193	17,061	12,778	18,477	17,802	13,452	20,733	10,522	6,815	24,440
Pwani	12,740	2,212	9,284	5,668	3,665	11,287	7,042	7,910	6,323	8,629	10,433	4,519	4,204	10,748
Dar es Salaam	15,815	968	12,812	3,971	7,351	9,432	7,947	8,836	7,208	9,575	10,747	6,036	3,902	12,881
Lindi	12,263	977	10,292	2,947	3,621	9,619	4,904	8,335	5,546	7,693	9,286	3,954	3,346	9,894
Mtwara	10,635	3,163	8,203	5,595	3,681	10,117	4,385	9,413	6,076	7,722	8,882	4,916	2,615	11,183
Ruvuma	24,753	7,351	23,067	9,036	14,133	17,970	12,834	19,270	27,224	4,879	24,311	7,792	9,348	22,756
Iringa	22,588	2,406	16,457	8,536	6,380	18,614	10,727	14,266	20,312	4,682	19,992	5,002	2,941	22,053
Mbeya	26,267	9,529	20,864	14,932	12,782	23,014	15,001	20,795	25,658	10,138	23,211	12,585	9,849	25,947
Singida	12,676	1,322	6,694	7,304	3,412	10,586	6,812	7,185	4,299	9,698	9,483	4,514	851	13,147
Tabora	36,564	3,133	30,738	8,959	12,081	27,616	13,345	26,352	28,874	10,823	31,840	7,856	15,129	24,567
Rukwa	16,051	2,309	12,257	6,103	6,618	11,743	8,899	9,461	14,138	4,222	14,742	3,618	3,579	14,782
Kigoma	12,540	2,712	9,008	6,243	4,429	10,822	6,550	8,701	11,719	3,532	9,158	6,093	866	14,386
Shinyanga	12,811	2,428	7,127	8,112	2,998	12,241	7,057	8,182	5,451	9,787	10,010	5,229	1,541	13,698
Kagera	22,039	10,062	8,806	23,296	10,189	21,913	16,502	15,599	7,202	24,899	14,103	17,998	2,494	29,607
Mwanza	14,301	5,237	10,852	8,687	4,572	14,967	11,228	8,311	6,713	12,825	11,994	7,545	1,321	18,218
Mara	6,749	1,252	6,261	1,740	3,812	4,189	4,391	3,611	3,993	4,009	6,977	1,024	993	7,008
Manyara	7,694	1,703	3,582	5,816	2,206	7,192	5,423	3,975	2,874	6,524	7,567	1,831	859	8,538
Njombe	11,111	1,538	7,009	5,640	4,326	8,323	5,074	7,575	9,884	2,765	8,876	3,773	1,681	10,969
Katavi	5,018	976	2,713	3,281	641	5,353	2,322	3,672	4,207	1,788	4,647	1,348	1,371	4,623
Simiyu	22,452	3,148	14,699	10,901	4,744	20,856	15,132	10,468	8,926	16,674	19,515	6,085	5,086	20,514
Geita	11,627	666	8,920	3,372	5,900	6,392	9,705	2,588	6,604	5,688	8,839	3,453	2,150	10,143
Songwe	26,121	2,430	18,120	10,431	15,388	13,163	14,849	13,703	15,075	13,477	19,564	8,987	9,274	19,277
<b>Mainland Tanzania</b>	<b>431,030</b>	<b>88,773</b>	<b>321,243</b>	<b>198,558</b>	<b>176,252</b>	<b>343,552</b>	<b>243,055</b>	<b>276,749</b>	<b>280,958</b>	<b>238,842</b>	<b>361,324</b>	<b>158,478</b>	<b>107,900</b>	<b>411,906</b>
Kaskazini Unguja	2,459	262	1,876	844	763	1,957	2,259	461	1,507	1,214	2,006	715	394	2,327
Kusini Unguja	1,775	841	1,733	883	249	2,367	1,380	1,236	1,299	1,317	1,855	761	425	2,191
Mjini Magharibi	4,667	432	2,389	2,710	1,974	3,125	3,767	1,332	2,968	2,131	4,422	677	1,232	3,867
Kaskazini Pemba	1,493	1,298	1,360	1,431	468	2,323	1,576	1,215	1,528	1,263	1,833	958	711	2,080
Kusini Pemba	4,048	624	2,800	1,872	2,318	2,354	2,904	1,769	3,063	1,610	3,924	748	692	3,981
<b>Tanzania Zanzibar</b>	<b>14,442</b>	<b>3,457</b>	<b>10,158</b>	<b>7,740</b>	<b>5,772</b>	<b>12,126</b>	<b>11,886</b>	<b>6,013</b>	<b>10,365</b>	<b>7,535</b>	<b>14,040</b>	<b>3,859</b>	<b>3,454</b>	<b>14,446</b>
<b>Tanzania</b>	<b>445,472</b>	<b>92,230</b>	<b>331,401</b>	<b>206,298</b>	<b>182,024</b>	<b>355,678</b>	<b>254,941</b>	<b>282,762</b>	<b>291,323</b>	<b>246,377</b>	<b>375,364</b>	<b>162,337</b>	<b>111,354</b>	<b>426,352</b>

**Cont... Table 3.77: Number of Agricultural Households Received Extension Advice for Crop Production by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Mechanization		Irrigation Technology		Crop Storage		Vermin Control		System of Rice Intensification		Integrated Pests Management	
	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received	Received	Not Received
Dodoma	6,610	16,222	6,215	16,617	8,413	14,419	6,365	16,466	768	22,064	5,192	17,640
Arusha	3,313	6,326	2,492	7,147	4,488	5,150	2,671	6,967	-	9,639	870	8,768
Kilimanjaro	8,087	15,154	6,731	16,510	11,156	12,085	6,432	16,809	844	22,397	5,014	18,227
Tanga	5,707	18,793	6,025	18,476	6,946	17,555	3,468	21,032	176	24,324	1,981	22,520
Morogoro	9,900	21,355	8,317	22,937	11,657	19,597	7,095	24,160	3,231	28,023	3,849	27,405
Pwani	3,771	11,181	2,938	12,015	4,639	10,313	3,658	11,294	166	14,786	2,503	12,449
Dar es Salaam	3,639	13,144	8,163	8,620	5,420	11,362	2,908	13,874	-	16,783	929	15,854
Lindi	2,245	10,994	2,950	10,290	4,527	8,712	1,445	11,794	176	13,063	862	12,377
Mtwara	2,642	11,156	2,023	11,775	4,809	8,989	2,050	11,748	416	13,382	1,429	12,369
Ruvuma	7,063	25,041	8,557	23,546	16,493	15,611	6,941	25,163	2,519	29,584	4,816	27,288
Iringa	6,789	18,204	10,283	14,711	13,540	11,453	5,060	19,934	-	24,994	1,169	23,825
Mbeya	12,696	23,100	6,775	29,021	15,043	20,753	5,692	30,104	1,851	33,945	4,609	31,187
Singida	2,727	11,270	2,885	11,113	4,048	9,949	2,587	11,410	360	13,637	564	13,433
Tabora	9,336	30,361	7,160	32,537	12,916	26,781	7,124	32,573	1,299	38,398	4,215	35,482
Rukwa	3,600	14,760	4,695	13,665	9,397	8,963	5,471	12,890	-	18,360	2,260	16,101
Kigoma	1,273	13,979	2,444	12,807	2,336	12,915	2,135	13,117	-	15,251	764	14,488
Shinyanga	2,083	13,156	2,050	13,189	4,586	10,653	942	14,297	295	14,944	415	14,823
Kagera	2,758	29,343	3,748	28,353	7,609	24,492	4,365	27,736	-	32,101	4,260	27,842
Mwanza	2,052	17,487	2,300	17,239	4,568	14,970	1,990	17,549	507	19,032	284	19,255
Mara	2,449	5,552	1,710	6,291	2,086	5,915	1,704	6,297	-	8,001	344	7,657
Manyara	2,555	6,843	895	8,502	1,730	7,667	980	8,417	-	9,398	405	8,992
Njombe	3,625	9,024	2,774	9,875	5,669	6,980	2,894	9,755	-	12,649	372	12,277
Katawi	1,724	4,270	1,504	4,490	2,412	3,583	1,121	4,873	744	5,250	509	5,485
Simiyu	6,587	19,013	4,928	20,672	10,982	14,618	2,737	22,863	1,693	23,907	2,264	23,336
Geita	4,744	7,548	3,674	8,619	5,870	6,422	3,775	8,517	1,009	11,283	2,799	9,494
Songwe	9,324	19,228	5,785	22,767	12,981	15,570	5,196	23,356	2,040	26,511	6,248	22,304
<b>Mainland Tanzania</b>	<b>127,299</b>	<b>392,504</b>	<b>118,021</b>	<b>401,784</b>	<b>194,321</b>	<b>325,477</b>	<b>96,806</b>	<b>422,995</b>	<b>18,094</b>	<b>501,706</b>	<b>58,926</b>	<b>460,878</b>
Kaskazini Unguja	608	2,113	1,447	1,273	343	2,377	647	2,073	276	2,445	366	2,355
Kusini Unguja	875	1,741	1,405	1,210	479	2,137	1,131	1,484	401	2,215	245	2,371
Mjini Magharibi	991	4,108	2,664	2,435	2,283	2,816	2,348	2,751	2,378	2,721	1,461	3,639
Kaskazini Pemba	351	2,440	1,035	1,757	361	2,430	434	2,358	383	2,409	122	2,669
Kusini Pemba	687	3,985	2,465	2,207	1,958	2,714	442	4,230	2,312	2,360	1,025	3,647
<b>Tanzania Zanzibar</b>	<b>3,512</b>	<b>14,387</b>	<b>9,016</b>	<b>8,882</b>	<b>5,424</b>	<b>12,474</b>	<b>5,002</b>	<b>12,896</b>	<b>5,750</b>	<b>12,150</b>	<b>3,219</b>	<b>14,681</b>
<b>Tanzania</b>	<b>130,811</b>	<b>406,891</b>	<b>127,037</b>	<b>410,666</b>	<b>199,745</b>	<b>337,951</b>	<b>101,808</b>	<b>435,891</b>	<b>23,844</b>	<b>513,856</b>	<b>62,145</b>	<b>475,559</b>

**Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Spacing and Use of Agro-Chemicals by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for Spacing								Source of Crop Extension for Use of Agro-Chemicals							
	Government	NGO/ Development Project	Cooperative	Large Scale Farmer	Registered Private Agro Dealers	Lead farmer	Other	Total	Government	NGO/ Development Project	Cooperative	Large Scale Farmer	Registered Private Agro Dealers	Lead Farmer	Other	Total
Dodoma	14,628	327	-	391	-	-	1,100	16,446	13,396	358	-	738	-	-	1,426	15,918
Arusha	5,855	1,071	238	185	384	89	-	7,822	4,703	944	238	96	288	-	272	6,541
Kilimanjaro	12,161	1,860	1,998	921	2,020	476	-	19,436	9,429	1,853	1,484	436	626	472	134	14,434
Tanga	14,438	1,458	-	692	1,023	335	229	18,175	12,244	1,153	-	449	514	158	320	14,838
Morogoro	20,047	2,107	649	2,083	245	716	491	26,338	17,818	1,242	840	571	186	599	491	21,747
Pwani	11,703	-	126	-	400	326	184	12,739	8,725	-	-	184	208	166	-	9,283
Dar es Salaam	10,830	1,342	-	1,342	1,239	-	1,062	15,815	8,098	1,342	-	3,371	-	-	-	12,811
Lindi	11,733	-	-	-	350	180	-	12,263	9,426	250	-	350	-	-	266	10,292
Mtwara	9,326	965	-	-	-	344	-	10,635	6,974	808	-	-	268	153	-	8,203
Ruvuma	17,745	2,269	1,278	1,598	650	625	589	24,754	15,633	2,742	2,079	1,334	547	733	-	23,068
Iringa	14,400	3,134	1,750	833	587	86	1,797	22,587	10,170	1,260	1,906	856	587	-	1,679	16,458
Mbeya	15,596	1,844	3,373	2,146	2,554	550	204	26,267	9,681	1,522	2,731	1,589	4,331	601	410	20,865
Singida	9,584	887	637	613	227	-	729	12,677	5,513	650	237	-	-	-	294	6,694
Tabora	18,329	4,632	8,969	374	2,088	1,462	710	36,564	14,160	3,969	9,091	623	1,807	365	722	30,737
Rukwa	11,377	1,002	-	707	823	1,736	406	16,051	9,835	1,100	-	136	560	136	490	12,257
Kigoma	7,623	1,406	1,401	-	-	1,103	1,006	12,539	6,472	769	1,401	-	-	-	367	9,009
Shinyanga	12,381	202	114	-	114	-	-	12,811	6,784	-	228	115	-	-	-	7,127
Kagera	16,952	1,167	668	882	-	995	1,375	22,039	6,700	1,159	-	518	-	-	429	8,806
Mwanza	10,258	1,255	-	617	198	857	1,117	14,302	8,376	857	-	769	849	-	-	10,851
Mara	4,109	312	646	308	831	316	228	6,750	3,658	367	646	238	973	380	-	6,262
Manyara	5,624	1,028	-	251	375	260	157	7,695	2,780	492	-	-	157	153	-	3,582
Njombe	8,381	2,057	105	-	568	-	-	11,111	5,939	945	125	-	-	-	-	7,009
Katavi	4,071	190	364	310	83	-	-	5,018	2,056	102	245	310	-	-	-	2,713
Simiyu	17,125	90	1,137	161	3,147	545	247	22,452	11,707	-	804	-	1,680	350	158	14,699
Geita	9,764	673	-	-	279	-	911	11,627	8,414	227	-	-	279	-	-	8,920
Songwe	20,136	2,285	256	1,269	553	1,621	-	26,120	12,867	1,921	584	1,856	205	688	-	18,121
<b>Mainland Tanzania</b>	<b>314,176</b>	<b>33,563</b>	<b>23,709</b>	<b>15,683</b>	<b>18,738</b>	<b>12,622</b>	<b>12,542</b>	<b>431,033</b>	<b>231,558</b>	<b>26,032</b>	<b>22,639</b>	<b>14,539</b>	<b>14,065</b>	<b>4,954</b>	<b>7,458</b>	<b>321,245</b>
Kaskazini Unguja	1,809	-	-	320	189	141	-	2,459	1,401	-	-	310	116	49	-	1,876
Kusini Unguja	1,459	119	77	120	-	-	-	1,775	1,428	173	-	131	-	-	-	1,732
Mjini Magharibi	3,297	637	45	388	-	-	301	4,668	1,555	442	-	43	-	48	301	2,389
Kaskazini Pemba	1,055	-	232	-	-	85	122	1,494	892	89	293	-	-	86	-	1,360
Kusini Pemba	2,099	101	172	221	1,455	-	-	4,048	1,317	398	-	221	865	-	-	2,801
<b>Tanzania Zanzibar</b>	<b>9,719</b>	<b>857</b>	<b>526</b>	<b>1,049</b>	<b>1,644</b>	<b>226</b>	<b>423</b>	<b>14,444</b>	<b>6,593</b>	<b>1,102</b>	<b>293</b>	<b>705</b>	<b>981</b>	<b>183</b>	<b>301</b>	<b>10,158</b>
<b>Tanzania</b>	<b>323,895</b>	<b>34,420</b>	<b>24,235</b>	<b>16,732</b>	<b>20,382</b>	<b>12,848</b>	<b>12,965</b>	<b>445,477</b>	<b>238,151</b>	<b>27,134</b>	<b>22,932</b>	<b>15,244</b>	<b>15,046</b>	<b>5,137</b>	<b>7,759</b>	<b>331,403</b>

**Cont... Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Erosion Control and Intergrated Pest Management by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for Erosion Control								Source of Crop Extension for Intergrated Pest Management							
	Government	NGO/ Development Project	Cooperative	Large Scale Farmer	Registered Private Agro Dealers	Lead Farmer	Other	Total	Government	NGO/ Development Project	Cooperative	Large Scale Farmer	Registered Private Agro Dealers	Lead Farmer	Other	Total
Dodoma	6,632	327	-	-	-	-	488	7,447	5,192	-	-	-	-	-	-	5,192
Arusha	4,008	358	143	92	-	-	-	4,601	636	234	-	-	-	-	-	870
Kilimanjaro	7,809	840	1,011	-	1,168	454	134	11,416	3,282	784	694	92	162	-	-	5,014
Tanga	4,061	1,143	-	-	232	-	229	5,665	1,529	451	-	-	-	-	-	1,980
Morogoro	11,033	1,790	-	571	-	553	245	14,192	2,936	491	-	422	-	-	-	3,849
Pwani	3,538	-	126	-	-	-	-	3,664	2,377	-	126	-	-	-	-	2,503
Dar es Salaam	4,947	1,342	-	1,062	-	-	-	7,351	929	-	-	-	-	-	-	929
Lindi	3,441	-	-	-	-	180	-	3,621	862	-	-	-	-	-	-	862
Mtwara	3,183	498	-	-	-	-	-	3,681	1,158	272	-	-	-	-	-	1,430
Ruvuma	10,438	1,450	1,298	383	259	306	-	14,134	3,492	483	180	-	661	-	-	4,816
Iringa	2,353	836	953	505	274	-	1,458	6,379	1,169	-	-	-	-	-	-	1,169
Mbeya	6,090	1,334	1,608	1,254	2,343	152	-	12,781	2,062	557	1,193	-	796	-	-	4,608
Singida	2,764	-	354	-	-	-	294	3,412	270	294	-	-	-	-	-	564
Tabora	6,536	2,766	2,316	-	-	222	240	12,080	2,191	167	939	-	668	-	250	4,215
Rukwa	5,163	321	-	540	-	446	147	6,617	2,260	-	-	-	-	-	-	2,260
Kigoma	3,251	845	-	-	-	-	334	4,430	-	-	764	-	-	-	-	764
Shinyanga	2,796	-	202	-	-	-	-	2,998	279	-	136	-	-	-	-	415
Kagera	8,749	968	-	-	-	-	471	10,188	3,340	920	-	-	-	-	-	4,260
Mwanza	3,696	369	-	507	-	-	-	4,572	-	284	-	-	-	-	-	284
Mara	2,449	205	-	84	516	558	-	3,812	183	-	-	-	161	-	-	344
Manyara	1,669	380	-	-	157	-	-	2,206	176	230	-	-	-	-	-	406
Njombe	3,480	847	-	-	-	-	-	4,327	111	-	-	-	261	-	-	372
Katavi	405	102	134	-	-	-	-	641	388	-	-	121	-	-	-	509
Simiyu	3,456	90	-	-	1,068	130	-	4,744	2,105	-	-	-	-	158	-	2,263
Geita	5,227	454	-	-	-	-	219	5,900	2,799	-	-	-	-	-	-	2,799
Songwe	12,633	1,394	-	1,361	-	-	-	15,388	5,916	331	-	-	-	-	-	6,247
<b>Mainland Tanzania</b>	<b>129,807</b>	<b>18,659</b>	<b>8,145</b>	<b>6,359</b>	<b>6,017</b>	<b>3,001</b>	<b>4,259</b>	<b>176,247</b>	<b>45,642</b>	<b>5,498</b>	<b>4,032</b>	<b>635</b>	<b>2,709</b>	<b>158</b>	<b>250</b>	<b>58,924</b>
Kaskazini Unguja	714	-	-	-	49	-	-	763	301	-	-	-	-	65	-	366
Kusini Unguja	249	-	-	-	-	-	-	249	190	55	-	-	-	-	-	245
Mjini Magharibi	1,769	157	-	-	-	48	-	1,974	1,372	45	-	43	-	-	-	1,460
Kaskazini Pemba	379	-	89	-	-	-	-	468	-	-	-	122	-	-	-	122
Kusini Pemba	1,610	101	-	-	607	-	-	2,318	604	101	148	-	172	-	-	1,025
<b>Tanzania Zanzibar</b>	<b>4,721</b>	<b>258</b>	<b>89</b>	<b>-</b>	<b>656</b>	<b>48</b>	<b>-</b>	<b>5,772</b>	<b>2,467</b>	<b>201</b>	<b>148</b>	<b>165</b>	<b>172</b>	<b>65</b>	<b>-</b>	<b>3,218</b>
<b>Tanzania</b>	<b>134,528</b>	<b>18,917</b>	<b>8,234</b>	<b>6,359</b>	<b>6,673</b>	<b>3,049</b>	<b>4,259</b>	<b>182,019</b>	<b>48,109</b>	<b>5,699</b>	<b>4,180</b>	<b>800</b>	<b>2,881</b>	<b>223</b>	<b>250</b>	<b>62,142</b>

**Cont... Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Organic and Inorganic Fertilizer Use by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for Organic Fertilizers Use								Source of Crop Extension for Inorganic Fertilizers Use							
	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro dealers	Lead Farmer	Other	Total	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro dealers	Lead Farmer	Other	Total
Dodoma	12,325	-	-	-	-	-	1,118	13,443	8,827	-	-	-	348	-	488	9,663
Arusha	2,883	418	-	612	-	-	-	3,913	2,759	710	143	93	-	-	-	3,705
Kilimanjaro	7,145	1,107	1,635	-	1,472	646	-	12,005	8,061	1,387	1,864	504	1,166	306	-	13,288
Tanga	8,822	735	158	430	194	127	320	10,786	6,627	898	158	-	282	-	229	8,194
Morogoro	9,120	1,947	1,039	398	-	274	-	12,778	13,176	1,389	1,097	846	322	725	245	17,800
Pwani	6,667	-	-	166	208	-	-	7,041	5,403	-	126	-	633	160	-	6,322
Dar es Salaam	5,543	1,342	-	-	-	1,062	-	7,947	5,866	-	-	1,342	-	-	-	7,208
Lindi	4,904	-	-	-	-	-	-	4,904	5,546	-	-	-	-	-	-	5,546
Mtwara	3,692	272	-	-	268	153	-	4,385	4,958	697	-	-	268	153	-	6,076
Ruvuma	8,951	428	1,535	1,090	547	283	-	12,834	18,712	3,518	1,731	1,988	259	1,016	-	27,224
Iringa	7,180	1,088	-	505	274	-	1,679	10,726	13,243	1,916	2,736	505	587	-	1,325	20,312
Mbeya	8,343	1,272	2,043	1,368	1,060	914	-	15,000	13,458	2,075	3,966	1,023	2,225	2,705	206	25,658
Singida	5,124	294	354	551	-	-	490	6,813	2,500	294	637	239	-	-	629	4,299
Tabora	8,561	1,840	1,441	-	641	862	-	13,345	12,344	3,401	9,419	374	1,891	655	790	28,874
Rukwa	7,058	789	136	523	-	392	-	8,898	10,302	1,215	-	341	356	1,924	-	14,138
Kigoma	4,729	769	-	483	-	235	334	6,550	6,757	1,406	1,401	388	-	1,105	662	11,719
Shinyanga	7,057	-	-	-	-	-	-	7,057	5,135	-	316	-	-	-	-	5,451
Kagera	13,312	1,431	-	882	-	449	429	16,503	5,716	968	-	518	-	-	-	7,202
Mwanza	7,756	920	-	1,124	-	902	526	11,228	4,857	1,227	-	200	-	429	-	6,713
Mara	2,930	166	-	306	812	178	-	4,392	2,682	493	-	84	555	178	-	3,992
Manyara	4,207	642	153	-	-	421	-	5,423	1,810	754	153	-	157	-	-	2,874
Njombe	4,120	626	-	181	147	-	-	5,074	6,582	1,765	295	-	1,242	-	-	9,884
Katavi	1,756	193	134	-	128	111	-	2,322	3,360	193	449	121	83	-	-	4,206
Simiyu	11,473	90	1,172	-	1,768	481	148	15,132	8,368	-	161	-	268	-	130	8,927
Geita	8,506	454	-	-	279	-	466	9,705	6,098	227	-	-	-	279	-	6,604
Songwe	12,158	2,388	-	303	-	-	-	14,849	10,475	1,078	608	839	-	2,074	-	15,074
<b>Mainland Tanzania</b>	<b>184,322</b>	<b>19,211</b>	<b>9,800</b>	<b>8,922</b>	<b>7,798</b>	<b>7,490</b>	<b>5,510</b>	<b>243,053</b>	<b>193,622</b>	<b>25,611</b>	<b>25,260</b>	<b>9,405</b>	<b>10,642</b>	<b>11,709</b>	<b>4,704</b>	<b>280,953</b>
Kaskazini Unguja	1,681	-	-	329	185	-	65	2,260	943	-	51	320	116	77	-	1,507
Kusini Unguja	964	124	-	239	-	52	-	1,379	1,229	69	-	-	-	-	-	1,298
Mjini Magharibi	2,536	252	-	339	-	349	290	3,766	2,668	251	-	-	-	48	-	2,967
Kaskazini Pemba	908	89	579	-	-	-	-	1,576	881	89	321	151	-	86	-	1,528
Kusini Pemba	1,905	-	-	101	897	-	-	2,903	2,206	250	172	-	435	-	-	3,063
<b>Tanzania Zanzibar</b>	<b>7,994</b>	<b>465</b>	<b>579</b>	<b>1,008</b>	<b>1,082</b>	<b>401</b>	<b>355</b>	<b>11,884</b>	<b>7,927</b>	<b>659</b>	<b>544</b>	<b>471</b>	<b>551</b>	<b>211</b>	<b>-</b>	<b>10,363</b>
<b>Tanzania</b>	<b>192,316</b>	<b>19,676</b>	<b>10,379</b>	<b>9,930</b>	<b>8,880</b>	<b>7,891</b>	<b>5,865</b>	<b>254,937</b>	<b>201,549</b>	<b>26,270</b>	<b>25,804</b>	<b>9,876</b>	<b>11,193</b>	<b>11,920</b>	<b>4,704</b>	<b>291,316</b>



**Cont... Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Improved Seed and Marketing Information by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for Use of Improved Seed								Source of Crop Extension for Marketing Information							
	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro dealers	Lead Farmer	Other	Total	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro dealers	Lead Farmer	Other	Total
Dodoma	14,596	957	-	-	-	-	488	16,041	5,832	-	-	-	-	-	-	5,832
Arusha	5,047	814	143	-	381	-	-	6,385	634	-	143	-	-	-	-	777
Kilimanjaro	11,371	1,295	2,311	603	2,086	306	-	17,972	4,214	307	994	506	943	280	-	7,244
Tanga	12,893	1,416	-	852	708	-	148	16,017	2,549	637	-	-	380	265	-	3,831
Morogoro	16,282	2,051	649	706	245	553	245	20,731	4,129	491	1,451	570	-	173	-	6,814
Pwani	9,228	-	126	445	633	-	-	10,432	4,065	-	139	-	-	-	-	4,204
Dar es Salaam	7,001	1,342	-	2,404	-	-	-	10,747	2,663	-	-	-	1,239	-	-	3,902
Lindi	8,856	-	-	-	-	430	-	9,286	3,165	-	-	-	-	180	-	3,345
Mtwara	7,649	965	-	-	268	-	-	8,882	1,990	272	353	-	-	-	-	2,615
Ruvuma	16,329	2,892	2,199	1,176	711	679	324	24,310	5,040	807	2,766	734	-	-	-	9,347
Iringa	12,341	2,878	2,105	505	587	250	1,325	19,991	1,978	126	562	-	274	-	-	2,940
Mbeya	11,411	1,686	3,550	2,243	2,848	1,171	301	23,210	2,786	621	2,313	1,824	1,734	152	419	9,849
Singida	6,528	650	591	790	-	-	925	9,484	141	356	354	-	-	-	-	851
Tabora	14,821	3,659	9,230	903	1,553	885	790	31,841	2,768	1,980	8,101	167	1,177	143	793	15,129
Rukwa	10,137	789	-	863	630	2,322	-	14,741	2,675	321	-	-	-	310	272	3,578
Kigoma	4,546	1,406	1,401	-	-	1,105	701	9,159	-	228	638	-	-	-	-	866
Shinyanga	9,781	-	228	-	-	-	-	10,009	1,088	-	453	-	-	-	-	1,541
Kagera	12,387	986	-	-	-	471	259	14,103	2,227	-	-	-	-	-	267	2,494
Mwanza	9,020	920	-	1,242	382	265	165	11,994	614	-	-	706	-	-	-	1,320
Mara	4,172	533	646	297	716	613	-	6,977	828	166	-	-	-	-	-	994
Manyara	5,880	754	355	268	157	153	-	7,567	447	412	-	-	-	-	-	859
Njombe	6,516	1,773	-	-	588	-	-	8,877	1,681	-	-	-	-	-	-	1,681
Katavi	3,880	190	245	121	211	-	-	4,647	1,031	88	253	-	-	-	-	1,372
Simiyu	13,725	90	977	-	3,673	449	601	19,515	2,983	-	1,316	-	443	-	344	5,086
Geita	8,072	454	-	-	313	-	-	8,839	2,150	-	-	-	-	-	-	2,150
Songwe	14,676	2,391	-	557	553	1,386	-	19,563	7,634	-	328	557	-	756	-	9,275
<b>Mainland Tanzania</b>	<b>257,145</b>	<b>30,891</b>	<b>24,756</b>	<b>13,975</b>	<b>17,243</b>	<b>11,038</b>	<b>6,272</b>	<b>361,320</b>	<b>65,312</b>	<b>6,812</b>	<b>20,164</b>	<b>5,064</b>	<b>6,190</b>	<b>2,259</b>	<b>2,095</b>	<b>107,896</b>
Kaskazini Unguja	1,459	-	-	286	185	77	-	2,007	345	-	-	-	49	-	-	394
Kusini Unguja	1,385	124	-	346	-	-	-	1,855	251	-	-	174	-	-	-	425
Mjini Magharibi	3,694	347	290	92	-	-	-	4,423	799	56	-	-	290	-	87	1,232
Kaskazini Pemba	1,168	-	457	-	-	86	122	1,833	348	89	89	-	-	185	-	711
Kusini Pemba	2,730	101	172	-	921	-	-	3,924	294	101	297	-	-	-	-	692
<b>Tanzania Zanzibar</b>	<b>10,436</b>	<b>572</b>	<b>919</b>	<b>724</b>	<b>1,106</b>	<b>163</b>	<b>122</b>	<b>14,042</b>	<b>2,037</b>	<b>246</b>	<b>386</b>	<b>174</b>	<b>339</b>	<b>185</b>	<b>87</b>	<b>3,454</b>
<b>Tanzania</b>	<b>267,581</b>	<b>31,463</b>	<b>25,675</b>	<b>14,699</b>	<b>18,349</b>	<b>11,201</b>	<b>6,394</b>	<b>375,362</b>	<b>67,349</b>	<b>7,058</b>	<b>20,550</b>	<b>5,238</b>	<b>6,529</b>	<b>2,444</b>	<b>2,182</b>	<b>111,350</b>

**Cont... Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Mechanization and Irrigation Technology by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for Mechanization								Source of Crop Extension for Irrigation Technology							
	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro dealers	Lead Farmer	Other	Total	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro dealers	Lead Farmer	Other	Total
Dodoma	6,121	-	-	-	-	-	488	6,609	5,726	-	-	-	-	-	488	6,214
Arusha	2,371	187	143	324	288	-	-	3,313	1,355	550	-	93	288	205	-	2,491
Kilimanjaro	4,618	807	955	151	1,159	83	313	8,086	4,356	457	1,262	242	134	280	-	6,731
Tanga	4,372	1,142	-	-	194	-	-	5,708	4,714	1,117	-	-	194	-	-	6,025
Morogoro	8,077	147	112	764	245	553	-	9,898	5,888	1,005	706	398	-	320	-	8,317
Pwani	3,771	-	-	-	-	-	-	3,771	2,938	-	-	-	-	-	-	2,938
Dar es Salaam	3,639	-	-	-	-	-	-	3,639	5,956	-	-	968	1,239	-	-	8,163
Lindi	1,990	-	256	-	-	-	-	2,246	2,950	-	-	-	-	-	-	2,950
Mtwara	2,103	272	-	-	268	-	-	2,643	1,675	80	-	-	268	-	-	2,023
Ruvuma	5,272	599	457	734	-	-	-	7,062	6,889	637	-	632	-	172	227	8,557
Iringa	4,545	690	1,116	164	274	-	-	6,789	7,862	126	917	-	274	-	1,104	10,283
Mbeya	6,301	526	1,676	1,052	2,470	671	-	12,696	4,318	-	1,519	-	593	345	-	6,775
Singida	1,724	650	354	-	-	-	-	2,728	1,881	650	354	-	-	-	-	2,885
Tabora	4,957	1,982	1,708	-	158	290	240	9,335	6,473	325	362	-	-	-	-	7,160
Rukwa	2,790	673	-	136	-	-	-	3,599	3,234	565	-	310	-	586	-	4,695
Kigoma	1,273	-	-	-	-	-	-	1,273	375	1,199	-	-	-	870	-	2,444
Shinyanga	1,969	-	114	-	-	-	-	2,083	2,050	-	-	-	-	-	-	2,050
Kagera	2,486	272	-	-	-	-	-	2,758	3,483	265	-	-	-	-	-	3,748
Mwanza	1,264	523	-	-	-	265	-	2,052	1,146	791	-	200	-	164	-	2,301
Mara	1,500	-	646	84	219	-	-	2,449	1,094	40	-	-	398	178	-	1,710
Manyara	1,751	380	-	-	157	268	-	2,556	633	262	-	-	-	-	-	895
Njombe	2,272	915	-	176	261	-	-	3,624	2,127	386	-	-	261	-	-	2,774
Katavi	1,400	190	134	-	-	-	-	1,724	1,095	190	219	-	-	-	-	1,504
Simiyu	5,829	-	148	-	480	130	-	6,587	3,796	-	161	-	268	704	-	4,929
Geita	4,744	-	-	-	-	-	-	4,744	3,674	-	-	-	-	-	-	3,674
Songwe	7,982	331	-	-	-	1,010	-	9,323	4,545	612	328	300	-	-	-	5,785
<b>Mainland Tanzania</b>	<b>95,121</b>	<b>10,286</b>	<b>7,819</b>	<b>3,585</b>	<b>6,173</b>	<b>3,270</b>	<b>1,041</b>	<b>127,295</b>	<b>90,233</b>	<b>9,257</b>	<b>5,828</b>	<b>3,143</b>	<b>3,917</b>	<b>3,824</b>	<b>1,819</b>	<b>118,021</b>
Kaskazini Unguja	431	-	51	49	-	77	-	608	970	99	-	166	135	77	-	1,447
Kusini Unguja	644	-	-	230	-	-	-	874	1,034	173	-	131	-	-	67	1,405
Mjini Magharibi	842	101	-	-	-	48	-	991	2,322	295	-	-	-	48	-	2,665
Kaskazini Pemba	351	-	-	-	-	-	-	351	744	89	201	-	-	-	-	1,034
Kusini Pemba	586	101	-	-	-	-	-	687	1,174	217	148	221	704	-	-	2,464
<b>Tanzania Zanzibar</b>	<b>2,854</b>	<b>202</b>	<b>51</b>	<b>279</b>	<b>-</b>	<b>125</b>	<b>-</b>	<b>3,511</b>	<b>6,244</b>	<b>873</b>	<b>349</b>	<b>518</b>	<b>839</b>	<b>125</b>	<b>67</b>	<b>9,015</b>
<b>Tanzania</b>	<b>97,975</b>	<b>10,488</b>	<b>7,870</b>	<b>3,864</b>	<b>6,173</b>	<b>3,395</b>	<b>1,041</b>	<b>130,806</b>	<b>96,477</b>	<b>10,130</b>	<b>6,177</b>	<b>3,661</b>	<b>4,756</b>	<b>3,949</b>	<b>1,886</b>	<b>127,036</b>

**Cont... Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on Crop Storage and Vermin Control by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for Crop Storage								Source of Crop Extension for Vermin Control							
	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro delears	Lead Farmer	Other	Total	Government	NGO/ Development Project	Cooperative	Large scale Farmer	Registered private Agro delears	Lead Farmer	Other	Total
Dodoma	7,402	522	-	-	-	-	488	8,412	5,247	-	-	-	-	-	1,118	6,365
Arusha	3,589	522	-	89	288	-	-	4,488	2,163	-	-	-	509	-	-	2,672
Kilimanjaro	7,264	1,030	1,350	285	914	-	313	11,156	3,811	542	877	548	654	-	-	6,432
Tanga	5,587	933	-	-	426	-	-	6,946	3,064	292	-	-	-	-	112	3,468
Morogoro	9,467	1,077	112	275	-	725	-	11,656	5,926	450	-	571	-	147	-	7,094
Pwani	4,472	167	-	-	-	-	-	4,639	3,324	-	126	-	208	-	-	3,658
Dar es Salaam	4,453	-	-	968	-	-	-	5,421	1,941	-	-	968	-	-	-	2,909
Lindi	4,527	-	-	-	-	-	-	4,527	1,445	-	-	-	-	-	-	1,445
Mtwara	3,890	498	-	153	268	-	-	4,809	1,970	80	-	-	-	-	-	2,050
Ruvuma	11,889	2,470	860	686	-	306	283	16,494	5,928	308	705	-	-	-	-	6,941
Iringa	9,274	1,424	1,750	-	587	-	505	13,540	4,201	272	-	-	587	-	-	5,060
Mbeya	7,519	1,003	2,455	1,146	2,536	383	-	15,042	1,540	-	1,701	524	1,927	-	-	5,692
Singida	2,562	650	354	-	190	-	294	4,050	2,397	-	-	190	-	-	-	2,587
Tabora	6,243	1,332	3,451	167	526	488	710	12,917	3,240	1,717	1,824	344	-	-	-	7,125
Rukwa	6,763	437	-	650	718	829	-	9,397	4,303	321	-	124	-	722	-	5,470
Kigoma	842	334	-	388	-	772	-	2,336	2,135	-	-	-	-	-	-	2,135
Shinyanga	4,586	-	-	-	-	-	-	4,586	942	-	-	-	-	-	-	942
Kagera	7,310	-	-	-	-	-	299	7,609	3,888	477	-	-	-	-	-	4,365
Mwanza	3,339	1,029	-	200	-	-	-	4,568	1,483	507	-	-	-	-	-	1,990
Mara	1,659	166	-	84	-	178	-	2,087	1,058	-	646	-	-	-	-	1,704
Manyara	1,184	546	-	-	-	-	-	1,730	751	230	-	-	-	-	-	981
Njombe	4,517	767	-	-	385	-	-	5,669	2,287	607	-	-	-	-	-	2,894
Katavi	1,778	190	134	310	-	-	-	2,412	885	102	134	-	-	-	-	1,121
Simiyu	8,235	90	246	151	1,671	220	368	10,981	2,239	90	161	-	247	-	-	2,737
Geita	5,147	454	-	-	-	-	269	5,870	3,329	227	-	-	-	-	219	3,775
Songwe	10,496	1,726	-	505	-	255	-	12,982	4,832	364	-	-	-	-	-	5,196
<b>Mainland Tanzania</b>	<b>143,994</b>	<b>17,367</b>	<b>10,712</b>	<b>6,057</b>	<b>8,509</b>	<b>4,156</b>	<b>3,529</b>	<b>194,324</b>	<b>74,329</b>	<b>6,586</b>	<b>6,174</b>	<b>3,269</b>	<b>4,132</b>	<b>869</b>	<b>1,449</b>	<b>96,808</b>
Kaskazini Unguja	225	-	-	49	69	-	-	343	598	-	-	49	-	-	-	647
Kusini Unguja	479	-	-	-	-	-	-	479	782	124	-	226	-	-	-	1,132
Mjini Magharibi	2,146	89	-	-	-	48	-	2,283	1,855	101	349	43	-	-	-	2,348
Kaskazini Pemba	272	89	-	-	-	-	-	361	194	-	89	151	-	-	-	434
Kusini Pemba	690	101	446	-	721	-	-	1,958	270	-	172	-	-	-	-	442
<b>Tanzania Zanzibar</b>	<b>3,812</b>	<b>279</b>	<b>446</b>	<b>49</b>	<b>790</b>	<b>48</b>	<b>-</b>	<b>5,424</b>	<b>3,699</b>	<b>225</b>	<b>610</b>	<b>469</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,003</b>
<b>Tanzania</b>	<b>147,806</b>	<b>17,646</b>	<b>11,158</b>	<b>6,106</b>	<b>9,299</b>	<b>4,204</b>	<b>3,529</b>	<b>199,748</b>	<b>78,028</b>	<b>6,811</b>	<b>6,784</b>	<b>3,738</b>	<b>4,132</b>	<b>869</b>	<b>1,449</b>	<b>101,811</b>

**Cont... Table 3.78: Number of Agricultural Households Reported to Receive Extension Advice on System of Rice Intensification by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Crop Extension for System of Rice Intensification							Total
	Government	NGO/ Development Project	Cooperative	Large Scale Farmer	Registered Private Agro Delears	Lead Farmer	Other	
Dodoma	573	-	-	195	-	-	-	768
Arusha	-	-	-	-	-	-	-	-
Kilimanjaro	714	131	-	-	-	-	-	845
Tanga	176	-	-	-	-	-	-	176
Morogoro	2,670	245	-	316	-	-	-	3,231
Pwani	166	-	-	-	-	-	-	166
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	176	-	-	-	-	-	-	176
Mtwara	335	80	-	-	-	-	-	415
Ruvuma	2,057	225	237	-	-	-	-	2,519
Iringa	-	-	-	-	-	-	-	-
Mbeya	842	-	778	-	231	-	-	1,851
Singida	360	-	-	-	-	-	-	360
Tabora	1,156	-	143	-	-	-	-	1,299
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	295	-	-	-	-	-	-	295
Kagera	-	-	-	-	-	-	-	-
Mwanza	-	507	-	-	-	-	-	507
Mara	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	522	88	134	-	-	-	-	744
Simiyu	1,693	-	-	-	-	-	-	1,693
Geita	1,009	-	-	-	-	-	-	1,009
Songwe	1,285	-	-	-	-	756	-	2,041
<b>Mainland Tanzania</b>	<b>14,029</b>	<b>1,276</b>	<b>1,292</b>	<b>511</b>	<b>231</b>	<b>756</b>	<b>-</b>	<b>18,095</b>
Kaskazini Unguja	177	99	-	-	-	-	-	276
Kusini Unguja	401	-	-	-	-	-	-	401
Mjini Magharibi	2,289	89	-	-	-	-	-	2,378
Kaskazini Pemba	383	-	-	-	-	-	-	383
Kusini Pemba	1,516	-	172	-	624	-	-	2,312
<b>Tanzania Zanzibar</b>	<b>4,766</b>	<b>188</b>	<b>172</b>	<b>-</b>	<b>624</b>	<b>-</b>	<b>-</b>	<b>5,750</b>
<b>Tanzania</b>	<b>18,795</b>	<b>1,464</b>	<b>1,464</b>	<b>511</b>	<b>855</b>	<b>756</b>	<b>-</b>	<b>23,845</b>

## **CATTLE PRODUCTION**

**Table 4.1: Number and Percentage of Agricultural Households Raising Cattle by Region During 2019/20 Agricultural Year, Tanzania**

Region	Households Rearing Cattle		Households Not Rearing Cattle		Total Agricultural Households
	Number	Percent	Number	Percent	
Dodoma	160,910	31.5	349,238	68.5	510,148
Arusha	150,944	68.3	70,072	31.7	221,016
Kilimanjaro	134,290	45.6	160,021	54.4	294,311
Tanga	81,568	23.2	269,844	76.8	351,412
Morogoro	29,222	7.1	383,994	92.9	413,216
Pwani	11,429	5.2	206,492	94.8	217,921
Dar-es-Salaam	23,175	5.6	391,125	94.4	414,300
Lindi	2,694	1.2	226,970	98.8	229,664
Mtwara	2,358	0.8	302,676	99.2	305,034
Ruvuma	50,589	15.2	281,430	84.8	332,019
Iringa	26,261	12.5	183,225	87.5	209,486
Mbeya	116,252	30.5	264,387	69.5	380,639
Singida	123,397	45.3	149,265	54.7	272,662
Tabora	121,709	32.9	248,262	67.1	369,971
Rukwa	72,141	33.1	146,108	66.9	218,249
Kigoma	21,899	6.3	326,479	93.7	348,378
Shinyanga	81,156	39.6	123,771	60.4	204,927
Kagera	38,472	8.0	444,548	92.0	483,020
Mwanza	119,058	29.3	286,976	70.7	406,034
Mara	102,755	43.9	131,176	56.1	233,931
Manyara	153,050	56.2	119,172	43.8	272,222
Njombe	28,745	18.0	131,363	82.0	160,108
Katavi	15,147	19.7	61,720	80.3	76,867
Simiyu	81,008	44.8	99,681	55.2	180,689
Geita	74,056	27.5	195,086	72.5	269,142
Songwe	93,340	33.1	188,480	66.9	281,820
<b>Mainland Tanzania</b>	<b>1,915,625</b>	<b>25.0</b>	<b>5,741,561</b>	<b>75.0</b>	<b>7,657,186</b>
Kaskazini Unguja	7,150	22.6	24,444	77.4	31,594
Kusini Unguja	5,976	34.0	11,616	66.0	17,592
Mjini Magharibi	9,497	26.5	26,376	73.5	35,873
Kaskazini Pemba	13,965	34.2	26,816	65.8	40,781
Kusini Pemba	19,337	35.6	35,042	64.4	54,379
<b>Tanzania Zanzibar</b>	<b>55,925</b>	<b>31.0</b>	<b>124,294</b>	<b>69.0</b>	<b>180,219</b>
<b>Tanzania</b>	<b>1,971,550</b>	<b>25.2</b>	<b>5,865,855</b>	<b>74.8</b>	<b>7,837,405</b>

**Table 4.2: Number and Percentage of Cattle by Type and Region as of 1st August 2020, Tanzania**

Region	Indigenous			Improved Beef			Improved Dairy			Total Number of Cattle
	Number of Households	Number of Cattle	Percent	Number of Households	Number of Cattle	Percent	Number of Households	Number of Cattle	Percent	
Dodoma	160,266	2,176,951	99.2	2,367	10,956	0.5	2,991	7,669	0.3	2,195,576
Arusha	121,345	2,463,768	94.4	4,701	36,310	1.4	29,270	110,256	4.2	2,610,334
Kilimanjaro	95,134	782,447	90.3	11,570	18,434	2.1	36,209	65,741	7.6	866,622
Tanga	51,068	1,354,389	89.8	3,389	10,236	0.7	32,079	144,016	9.5	1,508,641
Morogoro	27,088	1,055,734	97.4	1,622	10,718	1.0	2,552	17,864	1.6	1,084,316
Pwani	8,515	712,768	96.4	970	5,532	0.7	3,501	20,801	2.8	739,101
Dar-es-Salaam	13,382	39,177	48.2	3,454	2,965	3.6	19,091	39,177	48.2	81,319
Lindi	2,279	202,506	99.5	-	-	-	190	940	0.5	203,446
Mtwara	2,254	135,780	93.7	-	-	-	359	9,154	6.3	144,934
Ruvuma	40,718	349,404	77.5	2,409	20,553	4.6	9,128	80,795	17.9	450,752
Iringa	24,189	607,661	94.6	1,306	4,715	0.7	2,368	30,059	4.7	642,435
Mbeya	88,271	930,658	90.1	5,785	12,930	1.3	27,522	88,857	8.6	1,032,445
Singida	121,754	1,954,331	98.5	3,001	7,680	0.4	5,114	21,211	1.1	1,983,222
Tabora	120,909	2,828,691	99.6	1,977	2,326	0.1	4,597	10,174	0.4	2,841,191
Rukwa	71,625	681,317	99.5	136	-	-	516	3,733	0.5	685,050
Kigoma	18,661	584,126	98.5	2,027	1,957	0.3	3,614	6,849	1.2	592,932
Shinyanga	79,299	2,006,231	99.3	794	2,883	0.1	1,920	11,009	0.5	2,020,123
Kagera	31,749	1,277,638	94.1	2,667	26,787	2.0	5,813	53,575	3.9	1,358,000
Mwanza	118,569	1,709,645	99.3	160	2,375	0.1	765	9,498	0.6	1,721,518
Mara	102,272	2,281,967	99.6	675	3,045	0.1	771	4,983	0.2	2,289,995
Manyara	146,791	2,258,900	94.6	2,683	85,382	3.6	11,678	44,735	1.9	2,389,017
Njombe	25,589	425,073	94.1	328	1,934	0.4	3,643	24,754	5.5	451,761
Katavi	15,147	672,536	99.7	194	1,853	0.3	-	-	-	674,389
Simiyu	79,556	2,545,664	97.9	1,645	28,743	1.1	964	27,116	1.0	2,601,523
Geita	74,056	1,553,142	100.0	-	-	-	-	-	-	1,553,142
Songwe	92,855	787,635	99.3	1,931	2,207	0.3	1,135	3,090	0.4	792,932
<b>Mainland Tanzania</b>	<b>1,733,341</b>	<b>32,378,139</b>	<b>96.6</b>	<b>55,791</b>	<b>300,521</b>	<b>0.9</b>	<b>205,790</b>	<b>836,056</b>	<b>2.5</b>	<b>33,514,716</b>
Kaskazini Unguja	6,999	41,938	96.8	52	-	-	219	1,392	3.2	43,330
Kusini Unguja	5,545	32,259	88.4	55	-	-	722	4,238	11.6	36,497
Mjini Magharibi	9,088	40,057	74.3	435	1,580	2.9	1,609	12,299	22.8	53,936
Kaskazini Pemba	13,558	65,590	94.4	-	-	-	918	3,867	5.6	69,457
Kusini Pemba	18,242	59,710	88.5	-	-	-	2,366	7,776	11.5	67,486
<b>Tanzania Zanzibar</b>	<b>53,432</b>	<b>239,554</b>	<b>88.5</b>	<b>542</b>	<b>1,580</b>	<b>0.6</b>	<b>5,834</b>	<b>29,572</b>	<b>10.9</b>	<b>270,706</b>
<b>Tanzania</b>	<b>1,786,773</b>	<b>32,617,693</b>	<b>96.5</b>	<b>56,333</b>	<b>302,101</b>	<b>0.9</b>	<b>211,624</b>	<b>865,628</b>	<b>2.6</b>	<b>33,785,422</b>

**Table 4.3: Number and Percentage of Agricultural Households Rearing Cattle and Herd of Cattle by Herd Size as of 1st August 2020, Tanzania**

Herd Size	Cattle Rearing Households		Herd of Cattle	
	Number	Percent	Number	Percent
1 - 5	899,783	46.1	3,284,250	9.7
6 - 10	422,299	21.6	4,276,238	12.7
11 - 15	229,081	11.7	3,954,307	11.7
16 - 20	130,293	6.7	3,104,778	9.2
21 - 30	120,007	6.1	4,079,154	12.1
31 - 40	57,766	3.0	2,800,917	8.3
41 - 50	27,557	1.4	1,762,737	5.2
51 - 60	19,122	1.0	1,464,081	4.3
61 - 100	27,834	1.4	3,184,230	9.4
101 - 150	8,499	0.4	1,731,561	5.1
151+	11,416	0.6	4,143,169	12.3
<b>Total</b>	<b>1,953,657</b>	<b>100.0</b>	<b>33,785,422</b>	<b>100.0</b>

**Table 4.4: Number and Percentage of Agricultural Households Rearing Cattle and Herd of Cattle by Herd Size as of 1st August 2020, Mainland Tanzania**

Herd Size	Cattle Rearing Households		Herd of Cattle	
	Number	Percent	Number	Percent
1 - 5	856,298	45.1	3,150,934	9.4
6 - 10	412,601	21.7	4,185,725	12.5
11 - 15	227,370	12.0	3,930,164	11.7
16 - 20	129,764	6.8	3,095,119	9.2
21 - 30	119,857	6.3	4,072,202	12.2
31 - 40	57,413	3.0	2,794,793	8.3
41 - 50	27,557	1.5	1,762,738	5.3
51 - 60	19,122	1.0	1,464,081	4.4
61 - 100	27,834	1.5	3,184,230	9.5
101 - 150	8,499	0.4	1,731,561	5.2
151+	11,416	0.6	4,143,169	12.4
<b>Total</b>	<b>1,897,731</b>	<b>100.0</b>	<b>33,514,716</b>	<b>100.0</b>

**Table 4.5: Number and Percentage of Agricultural Households Rearing Cattle and Herd of Cattle by Herd Size as of 1st August 2020, Tanzania Zanzibar**

Herd Size	Cattle Rearing Households		Herd of Cattle	
	Number	Percent	Number	Percent
1 - 5	43,485	78	133,316	49
6 - 10	9,698	17	90,513	33
11 - 15	1,711	3	24,144	9
16 - 20	529	1	9,659	4
21 - 30	150	0	6,952	3
31 - 40	353	1	6,122	2
41 - 50	-	-	-	-
51 - 60	-	-	-	-
61 - 100	-	-	-	-
101 - 150	-	-	-	-
151+	-	-	-	-
<b>Total</b>	<b>55,926</b>	<b>100</b>	<b>270,706</b>	<b>100</b>



**Table 4.6: Number and Percentage of Cattle by Category and Type of Cattle as of 1st August 2020, Tanzania**

Category of Cattle	Indigenous		Improved Beef		Improved Dairy		Total Cattle
	Number	Percent	Number	Percent	Number	Percent	
Castrated bulls	4,200,185	99.2	13,562	0.3	18,338	0.4	4,232,085
Uncastrated bulls	3,953,918	97.5	42,568	1.0	60,349	1.5	4,056,835
Cows	9,951,074	95.8	88,837	0.9	351,139	3.4	10,391,050
Steers	1,717,580	96.4	42,831	2.4	21,783	1.2	1,782,194
Heifers	5,225,451	96.4	48,308	0.9	144,392	2.7	5,418,151
Male Calves	3,616,652	95.9	34,504	0.9	118,591	3.1	3,769,747
Female Calves	3,952,833	95.6	31,491	0.8	151,036	3.7	4,135,360
<b>Total</b>	<b>32,617,693</b>	<b>96.5</b>	<b>302,101</b>	<b>0.9</b>	<b>865,628</b>	<b>2.6</b>	<b>33,785,422</b>

**Table 4.7: Number of Indigenous Cattle by Category of Cattle and Region as of 1st August 2020, Tanzania**

Region	Indigenous Cattle							Total Cattle
	Castrated Bulls	Uncastrated Bulls	Cows	Steers	Heifer	Male Calves	Female Calves	
Dodoma	297,272	314,071	669,410	89,109	275,725	247,605	283,760	2,176,952
Arusha	175,912	207,746	940,907	208,575	372,052	248,035	310,541	2,463,768
Kilimanjaro	44,641	80,843	286,283	23,098	135,035	107,717	104,830	782,447
Tanga	24,356	133,780	489,585	21,179	296,857	171,549	217,083	1,354,389
Morogoro	217,340	131,595	302,489	30,368	83,363	131,595	158,985	1,055,734
Pwani	58,863	57,977	267,537	53,773	129,011	77,451	68,157	712,768
Dar-es-Salaam	3,177	2,753	9,530	3,388	4,659	3,600	12,071	39,177
Lindi	7,048	17,385	104,777	6,578	17,854	23,962	24,902	202,506
Mtwara	3,051	6,102	54,922	3,051	22,884	21,359	24,410	135,780
Ruvuma	10,631	51,029	127,571	3,544	75,834	24,806	55,990	349,404
Iringa	120,235	56,581	159,135	54,224	104,911	48,919	63,654	607,661
Mbeya	137,549	79,779	304,534	29,711	135,899	117,467	125,720	930,658
Singida	403,373	314,873	492,606	78,992	242,829	194,190	227,469	1,954,331
Tabora	530,216	260,457	724,687	80,230	523,530	366,849	342,722	2,828,691
Rukwa	194,101	22,003	210,210	50,097	83,495	59,527	61,884	681,317
Kigoma	42,073	65,555	194,707	32,288	101,757	63,598	84,145	584,126
Shinyanga	343,895	289,637	554,112	143,377	302,481	185,316	187,412	2,006,231
Kagera	71,045	109,479	520,606	46,587	241,086	115,302	173,535	1,277,638
Mwanza	301,958	202,625	467,778	77,567	304,333	177,692	177,692	1,709,645
Mara	99,661	464,256	652,505	80,836	416,363	301,752	266,594	2,281,967
Manyara	114,244	396,847	769,161	13,709	367,023	282,603	315,313	2,258,900
Njombe	112,940	47,574	117,968	8,122	53,376	40,612	44,480	425,073
Katavi	138,585	38,713	185,534	66,718	109,962	62,806	70,219	672,536
Simiyu	302,345	365,255	628,552	373,389	357,933	260,586	257,603	2,545,664
Geita	330,160	141,380	391,044	93,573	242,717	166,714	187,554	1,553,142
Songwe	115,011	53,642	234,657	39,956	181,898	86,092	76,379	787,635
<b>Mainland Tanzania</b>	<b>4,199,682</b>	<b>3,911,937</b>	<b>9,860,807</b>	<b>1,712,039</b>	<b>5,182,867</b>	<b>3,587,704</b>	<b>3,923,104</b>	<b>32,378,140</b>
Kaskazini Unguja	87	9,136	12,181	1,131	8,614	4,437	6,352	41,938
Kusini Unguja	157	4,866	12,166	2,119	4,395	3,924	4,631	32,258
Mjini Magharibi	113	6,996	14,330	2,144	6,996	4,626	4,852	40,057
Kaskazini Pemba	-	11,155	28,556	-	9,816	8,478	7,585	65,590
Kusini Pemba	147	9,829	23,033	147	12,764	7,482	6,308	59,710
<b>Tanzania Zanzibar</b>	<b>504</b>	<b>41,982</b>	<b>90,266</b>	<b>5,541</b>	<b>42,585</b>	<b>28,947</b>	<b>29,728</b>	<b>239,553</b>
<b>Tanzania</b>	<b>4,200,186</b>	<b>3,953,919</b>	<b>9,951,073</b>	<b>1,717,580</b>	<b>5,225,452</b>	<b>3,616,651</b>	<b>3,952,832</b>	<b>32,617,693</b>

**Table 4.8: Number of Improved Dairy Cattle by Category of Cattle and Region as of 1st August 2020, Tanzania**

Region	Improved Dairy							Total
	Castrated Bulls (Oxen)	Uncastrated Bulls	Cows	Steers	Heifers	Male Calves	Female Calves	
Dodoma	1,096	1,826	2,191	-	1,461	365	730	7,669
Arusha	3,150	8,622	48,082	829	16,746	14,093	18,735	110,256
Kilimanjaro	444	5,552	27,096	222	13,548	10,216	8,662	65,741
Tanga	353	7,766	63,537	1,412	32,121	15,884	22,944	144,016
Morogoro	1,191	1,191	7,145	1,786	2,382	595	3,573	17,864
Pwani	221	664	11,064	-	5,090	1,328	2,434	20,801
Dar es Salaam	3,177	2,753	9,530	3,388	4,659	3,600	12,071	39,177
Lindi	-	-	940	-	-	-	-	940
Mtwara	-	1,526	3,051	-	4,577	-	-	9,154
Ruvuma	2,126	6,379	34,728	3,544	12,048	10,631	11,340	80,795
Iringa	-	1,768	15,324	-	1,179	4,126	7,662	30,059
Mbeya	1,375	5,777	35,763	1,651	13,205	10,729	20,357	88,857
Singida	2,926	1,097	7,680	366	1,829	3,291	4,023	21,211
Tabora	-	-	7,558	-	872	1,163	581	10,174
Rukwa	786	-	1,768	-	196	589	393	3,733
Kigoma	-	978	2,935	-	1,957	-	978	6,849
Shinyanga	786	1,311	3,145	262	2,097	1,573	1,835	11,009
Kagera	-	1,165	18,635	3,494	12,811	11,647	5,823	53,575
Mwanza	-	792	3,958	-	1,187	1,583	1,979	9,498
Mara	-	1,107	2,492	-	277	554	554	4,983
Manyara	481	5,051	16,836	962	4,810	8,177	8,418	44,735
Njombe	-	1,547	14,698	387	3,868	2,321	1,934	24,754
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	1,627	542	-	12,745	12,202	27,116
Geita	-	-	-	-	-	-	-	-
Songwe	-	441	662	1,766	-	-	221	3,090
<b>Mainland Tanzania</b>	<b>18,112</b>	<b>57,313</b>	<b>340,445</b>	<b>20,611</b>	<b>136,920</b>	<b>115,210</b>	<b>147,449</b>	<b>836,056</b>
Kaskazini Unguja	-	174	522	-	435	-	261	1,392
Kusini Unguja	-	235	1,648	235	628	706	785	4,238
Mjini Magharibi	226	564	4,401	790	3,611	903	1,805	12,299
Kaskazini Pemba	-	744	1,190	-	892	892	149	3,867
Kusini Pemba	-	1,320	2,934	147	1,907	880	587	7,776
<b>Tanzania Zanzibar</b>	<b>226</b>	<b>3,037</b>	<b>10,695</b>	<b>1,172</b>	<b>7,473</b>	<b>3,381</b>	<b>3,587</b>	<b>29,572</b>
<b>Tanzania</b>	<b>18,338</b>	<b>60,350</b>	<b>351,140</b>	<b>21,783</b>	<b>144,393</b>	<b>118,591</b>	<b>151,036</b>	<b>865,628</b>

**Table 4.9: Number of Improved Beef Cattle by Category and Region as of 1st August 2020, Tanzania**

Region	Improved Beef							Total
	Castrated Bulls (Oxen)	Uncastrated Bulls	Cows	Steers	Heifers	Male Calves	Female Calves	
Dodoma	-	5,478	2,191	1,096	1,461	-	730	10,956
Arusha	1,824	4,642	5,471	4,477	8,456	5,637	5,803	36,310
Kilimanjaro	1,110	5,997	4,220	-	222	4,664	2,221	18,434
Tanga	353	1,765	2,118	-	2,824	2,118	1,059	10,237
Morogoro	595	2,382	1,786	-	2,382	1,191	2,382	10,718
Pwani	664	221	443	1,106	1,106	664	1,328	5,532
Dar es Salaam	1,271	-	847	-	847	-	-	2,965
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	4,957	4,252	-	6,379	709	4,252	20,549
Iringa	1,179	-	1,179	-	1,768	589	-	4,715
Mbeya	1,926	3,851	1,100	550	1,926	1,375	2,201	12,929
Singida	2,194	366	366	1,463	366	1,463	1,463	7,681
Tabora	581	291	291	-	872	291	-	2,326
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	978	978	-	-	-	-	1,956
Shinyanga	1,311	-	524	-	524	524	-	2,883
Kagera	-	3,494	11,647	8,153	2,329	1,165	-	26,788
Mwanza	-	792	396	-	792	396	-	2,376
Mara	554	277	554	-	1,384	-	277	3,046
Manyara	-	5,051	48,824	-	12,266	11,304	7,937	85,382
Njombe	-	-	774	-	387	387	387	1,935
Katavi	-	-	-	1,853	-	-	-	1,853
Simiyu	-	1,356	542	24,133	1,356	1,356	-	28,743
Geita	-	-	-	-	-	-	-	-
Songwe	-	441	221	-	662	221	662	2,207
<b>Mainland Tanzania</b>	<b>13,562</b>	<b>42,339</b>	<b>88,724</b>	<b>42,831</b>	<b>48,309</b>	<b>34,054</b>	<b>30,702</b>	<b>300,521</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	226	113	-	-	451	790	1,580
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>226</b>	<b>113</b>	<b>-</b>	<b>-</b>	<b>451</b>	<b>790</b>	<b>1,580</b>
<b>Tanzania</b>	<b>13,562</b>	<b>42,565</b>	<b>88,837</b>	<b>42,831</b>	<b>48,309</b>	<b>34,505</b>	<b>31,492</b>	<b>302,101</b>

**Table 4.10: Number of Cattle Intake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Intake					
	Castrated Bulls (Oxen)			Uncastrated Bulls		
	Number Purchased	Number Given/Obtained	Total Intake	Number Purchased	Number Given/Obtained	Total Intake
Dodoma	7,669	11,686	19,355	25,929	12,782	38,711
Arusha	3,979	995	4,974	9,616	2,155	11,771
Kilimanjaro	1,333	2,221	3,554	1,110	222	1,332
Tanga	9,883	-	9,883	23,650	1,412	25,062
Morogoro	20,245	2,977	23,222	2,382	1,786	4,168
Pwani	3,983	664	4,647	3,541	885	4,426
Dar es Salaam	-	-	-	-	-	-
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	-	-	-	2,835	2,126	4,961
Iringa	6,483	12,377	18,860	1,768	7,073	8,841
Mbeya	3,851	275	4,126	6,602	1,375	7,977
Singida	12,800	11,337	24,137	11,337	8,411	19,748
Tabora	16,569	12,500	29,069	11,918	8,430	20,348
Rukwa	8,448	7,858	16,306	2,357	589	2,946
Kigoma	-	4,892	4,892	1,957	-	1,957
Shinyanga	17,824	14,941	32,765	13,106	13,106	26,212
Kagera	1,165	1,165	2,330	9,317	2,329	11,646
Mwanza	14,247	8,707	22,954	8,707	2,375	11,082
Mara	4,983	554	5,537	11,904	2,492	14,396
Manyara	241	9,380	9,621	7,215	962	8,177
Njombe	-	-	-	774	774	1,548
Katavi	4,118	824	4,942	618	412	1,030
Simiyu	5,152	9,762	14,914	11,118	28,472	39,590
Geita	18,388	1,634	20,022	4,495	-	4,495
Songwe	2,428	4,415	6,843	1,545	1,104	2,649
<b>Mainland Tanzania</b>	<b>163,789</b>	<b>119,164</b>	<b>282,953</b>	<b>173,801</b>	<b>99,272</b>	<b>273,073</b>
Kaskazini Unguja	174	-	174	174	-	174
Kusini Unguja	-	78	78	628	235	863
Mjini Magharibi	-	-	-	339	226	565
Kaskazini Pemba	-	-	-	595	892	1,487
Kusini Pemba	-	-	-	734	-	734
<b>Tanzania Zanzibar</b>	<b>174</b>	<b>78</b>	<b>252</b>	<b>2,470</b>	<b>1,353</b>	<b>3,823</b>
<b>Tanzania</b>	<b>163,963</b>	<b>119,242</b>	<b>283,205</b>	<b>176,271</b>	<b>100,625</b>	<b>276,896</b>

Cont... Table 4.10: Number of Cattle Intake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Cattle Intake					
	Cows			Steers		
	Number Purchased	Number Given/Obtained	Total Intake	Number Purchased	Number Given/Obtained	Total Intake
Dodoma	13,512	24,834	38,346	5,478	1,826	7,304
Arusha	12,269	3,482	15,751	10,943	995	11,938
Kilimanjaro	4,220	4,442	8,662	222	222	444
Tanga	20,826	9,530	30,356	-	1,765	1,765
Morogoro	5,955	1,191	7,146	-	-	-
Pwani	3,762	3,541	7,303	26,555	-	26,555
Dar es Salaam	212	-	212	-	-	-
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	2,835	6,379	9,214	-	-	-
Iringa	1,768	8,251	10,019	5,894	2,947	8,841
Mbeya	14,030	1,651	15,681	550	-	550
Singida	8,046	10,605	18,651	1,829	731	2,560
Tabora	15,988	21,220	37,208	3,198	581	3,779
Rukwa	5,108	10,412	15,520	2,750	1,572	4,322
Kigoma	9,784	1,957	11,741	1,957	1,957	3,914
Shinyanga	12,319	12,844	25,163	4,456	5,767	10,223
Kagera	12,811	5,823	18,634	1,165	-	1,165
Mwanza	20,579	9,102	29,681	3,166	-	3,166
Mara	11,904	5,814	17,718	554	831	1,385
Manyara	1,924	4,089	6,013	241	1,203	1,444
Njombe	-	2,707	2,707	-	-	-
Katavi	3,501	-	3,501	412	-	412
Simiyu	10,575	36,878	47,453	6,779	4,881	11,660
Geita	15,936	1,634	17,570	6,946	1,634	8,580
Songwe	2,207	7,726	9,933	883	-	883
<b>Mainland Tanzania</b>	<b>210,071</b>	<b>194,112</b>	<b>404,183</b>	<b>83,978</b>	<b>26,912</b>	<b>110,890</b>
Kaskazini Unguja	261	87	348	-	-	-
Kusini Unguja	628	157	785	-	78	78
Mjini Magharibi	226	113	339	113	-	113
Kaskazini Pemba	3,272	3,867	7,139	-	-	-
Kusini Pemba	734	880	1,614	-	-	-
<b>Tanzania Zanzibar</b>	<b>5,121</b>	<b>5,104</b>	<b>10,225</b>	<b>113</b>	<b>78</b>	<b>191</b>
<b>Tanzania</b>	<b>215,192</b>	<b>199,216</b>	<b>414,408</b>	<b>84,091</b>	<b>26,990</b>	<b>111,081</b>

Cont... Table 4.10: Number of Cattle Intake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Cattle Intake						
	Heifers			Male Calves			
	Number Purchased	Number Given/Obtained	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake
Dodoma	12,417	13,878	26,295	2,191	10,226	256,735	269,152
Arusha	26,362	3,648	30,010	6,135	3,648	276,386	286,169
Kilimanjaro	3,776	2,221	5,997	2,887	3,109	126,817	132,813
Tanga	11,648	7,060	18,708	2,118	706	217,789	220,613
Morogoro	5,359	-	5,359	1,191	7,145	139,335	147,671
Pwani	9,073	664	9,737	5,532	-	88,736	94,268
Dar es Salaam	-	-	-	-	-	9,318	9,318
Lindi	-	-	-	-	-	24,432	24,432
Mtwara	-	-	-	-	-	22,884	22,884
Ruvuma	4,961	5,670	10,631	2,126	2,126	40,398	44,650
Iringa	6,483	2,947	9,430	-	-	61,886	61,886
Mbeya	4,952	3,301	8,253	2,751	275	136,449	139,475
Singida	10,605	5,120	15,725	5,486	3,291	201,870	210,647
Tabora	11,337	7,267	18,604	4,942	5,232	370,047	380,221
Rukwa	7,465	982	8,447	-	589	61,491	62,080
Kigoma	978	1,957	2,935	978	-	70,447	71,425
Shinyanga	6,029	8,912	14,941	5,242	7,601	190,820	203,663
Kagera	3,494	13,976	17,470	15,141	3,494	159,559	178,194
Mwanza	7,124	7,915	15,039	1,583	2,770	185,212	189,565
Mara	19,932	4,153	24,085	1,384	1,384	303,690	306,458
Manyara	9,380	1,684	11,064	722	241	304,249	305,212
Njombe	1,934	387	2,321	387	387	49,121	49,895
Katavi	618	-	618	-	-	63,835	63,835
Simiyu	10,575	18,710	29,285	4,339	4,339	292,041	300,719
Geita	9,807	2,452	12,259	2,043	409	169,575	172,027
Songwe	6,402	3,973	10,375	3,973	883	87,417	92,273
<b>Mainland Tanzania</b>	<b>190,711</b>	<b>116,877</b>	<b>307,588</b>	<b>71,151</b>	<b>57,855</b>	<b>3,910,539</b>	<b>4,039,545</b>
Kaskazini Unguja	87	174	261	-	87	4,959	5,046
Kusini Unguja	314	235	549	78	-	5,102	5,180
Mjini Magharibi	339	226	565	-	-	6,093	6,093
Kaskazini Pemba	1,339	1,785	3,124	149	-	10,709	10,858
Kusini Pemba	1,761	880	2,641	147	-	8,656	8,803
<b>Tanzania Zanzibar</b>	<b>3,840</b>	<b>3,300</b>	<b>7,140</b>	<b>374</b>	<b>87</b>	<b>35,519</b>	<b>35,980</b>
<b>Tanzania</b>	<b>194,551</b>	<b>120,177</b>	<b>314,728</b>	<b>71,525</b>	<b>57,942</b>	<b>3,946,058</b>	<b>4,075,525</b>

**Cont... Table 4.10: Number of Cattle Intake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Intake							
	Female Calves				Total			
	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake
Dodoma	5,843	8,765	300,924	315,532	73,039	83,997	557,659	714,695
Arusha	7,461	2,155	341,711	351,327	76,765	17,078	618,097	711,940
Kilimanjaro	1,110	888	121,709	123,707	14,658	13,325	248,526	276,509
Tanga	8,119	7,413	259,794	275,326	76,244	27,886	477,583	581,713
Morogoro	7,145	8,932	176,253	192,330	42,277	22,031	315,588	379,896
Pwani	664	221	74,574	75,459	53,110	5,975	163,310	222,395
Dar es Salaam	-	-	12,706	12,706	212	-	22,024	22,236
Lindi	-	-	26,312	26,312	-	-	50,744	50,744
Mtwara	-	-	24,410	24,410	-	-	47,294	47,294
Ruvuma	3,544	1,417	75,834	80,795	16,301	17,718	116,232	150,251
Iringa	5,894	-	76,621	82,515	28,290	33,595	138,507	200,392
Mbeya	4,402	2,201	170,286	176,889	37,138	9,078	306,735	352,951
Singida	9,143	1,829	234,783	245,755	59,246	41,324	436,653	537,223
Tabora	4,070	872	344,466	349,408	68,022	56,102	714,513	838,637
Rukwa	-	589	63,063	63,652	26,128	22,591	124,554	173,273
Kigoma	978	-	87,081	88,059	16,632	10,763	157,528	184,923
Shinyanga	1,311	2,359	193,965	197,635	60,287	65,530	384,785	510,602
Kagera	4,659	31,446	185,182	221,287	47,752	58,233	344,741	450,726
Mwanza	1,979	3,562	182,441	187,982	57,385	34,431	367,653	459,469
Mara	1,661	831	269,086	271,578	52,322	16,059	572,776	641,157
Manyara	962	722	335,756	337,440	20,685	18,281	640,005	678,971
Njombe	-	-	52,215	52,215	3,095	4,255	101,336	108,686
Katavi	-	-	70,631	70,631	9,267	1,236	134,466	144,969
Simiyu	542	5,694	282,279	288,515	49,080	108,736	574,320	732,136
Geita	409	1,226	190,414	192,049	58,024	8,989	359,989	427,002
Songwe	662	-	79,028	79,690	18,100	18,101	166,445	202,646
<b>Mainland Tanzania</b>	<b>70,558</b>	<b>81,122</b>	<b>4,231,524</b>	<b>4,383,204</b>	<b>964,059</b>	<b>695,314</b>	<b>8,142,063</b>	<b>9,801,436</b>
Kaskazini Unguja	174	174	6,787	7,135	870	522	11,746	13,138
Kusini Unguja	78	-	6,122	6,200	1,726	783	11,224	13,733
Mjini Magharibi	-	113	8,011	8,124	1,017	678	14,104	15,799
Kaskazini Pemba	744	149	9,221	10,114	6,099	6,693	19,930	32,722
Kusini Pemba	-	-	7,042	7,042	3,376	1,760	15,698	20,834
<b>Tanzania Zanzibar</b>	<b>996</b>	<b>436</b>	<b>37,183</b>	<b>38,615</b>	<b>13,088</b>	<b>10,436</b>	<b>72,702</b>	<b>96,226</b>
<b>Tanzania</b>	<b>71,554</b>	<b>81,558</b>	<b>4,268,707</b>	<b>4,421,819</b>	<b>977,147</b>	<b>705,750</b>	<b>8,214,765</b>	<b>9,897,662</b>



**Table 4.11: Number of Cattle Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Intake							
	Castrated Bulls (Oxen)		Uncastrated Bulls		Cows		Steers	
	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head
Dodoma	7,669	351,834	25,929	354,689	13,512	460,487	5,478	711,290
Arusha	3,979	424,769	9,616	590,083	12,269	589,252	10,943	400,745
Kilimanjaro	1,333	428,656	1,110	329,236	4,220	654,919	222	250,000
Tanga	9,883	385,217	23,650	464,848	20,826	505,599	-	-
Morogoro	20,245	576,479	2,382	469,687	5,955	406,628	-	-
Pwani	3,983	622,121	3,541	953,390	3,762	425,472	26,555	300,000
Dar es Salaam	-	-	-	-	212	450,000	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	-	-	2,835	658,571	2,835	592,019	-	-
Iringa	6,483	516,983	1,768	438,235	1,768	700,000	5,894	550,000
Mbeya	3,851	533,733	6,602	690,451	14,030	606,520	550	942,593
Singida	12,800	474,732	11,337	506,557	8,046	481,194	1,829	548,072
Tabora	16,569	363,832	11,918	379,110	15,988	272,008	3,198	360,363
Rukwa	8,448	431,656	2,357	461,093	5,108	322,659	2,750	199,129
Kigoma	-	-	1,957	357,143	9,784	471,429	1,957	400,000
Shinyanga	17,824	377,462	13,106	410,500	12,319	412,288	4,456	278,548
Kagera	1,165	500,000	9,317	552,500	12,811	831,351	1,165	240,000
Mwanza	14,247	364,533	8,707	464,694	20,579	427,040	3,166	337,516
Mara	4,983	425,060	11,904	468,402	11,904	357,455	554	230,000
Manyara	241	350,000	7,215	629,708	1,924	328,167	241	300,000
Njombe	-	-	774	474,086	-	-	-	-
Katavi	4,118	471,439	618	364,444	3,501	380,000	412	320,000
Simiyu	5,152	309,615	11,118	505,432	10,575	379,837	6,779	387,478
Geita	18,388	471,850	4,495	541,103	15,936	526,029	6,946	341,736
Songwe	2,428	441,641	1,545	433,333	2,207	559,524	883	260,000
<b>Mainland Tanzania</b>	<b>163,789</b>	<b>339,293</b>	<b>173,801</b>	<b>442,204</b>	<b>210,071</b>	<b>428,457</b>	<b>83,978</b>	<b>282,980</b>
Kaskazini Unguja	174	500,000	174	1,300,000	261	325,000	-	-
Kusini Unguja	-	-	628	620,842	628	548,720	-	-
Mjini Magharibi	-	-	339	886,740	226	650,000	113	250,000
Kaskazini Pemba	-	-	595	508,238	3,272	574,430	-	-
Kusini Pemba	-	-	734	506,522	734	453,846	-	-
<b>Tanzania Zanzibar</b>	<b>174</b>	<b>100,000</b>	<b>2,470</b>	<b>764,468</b>	<b>5,121</b>	<b>510,399</b>	<b>113</b>	<b>50,000</b>
<b>Tanzania</b>	<b>163,963</b>	<b>300,697</b>	<b>176,271</b>	<b>494,182</b>	<b>215,192</b>	<b>441,673</b>	<b>84,091</b>	<b>245,402</b>

**Cont... Table 4.11: Number of Cattle Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Intake					
	Heifers		Male Calves		Female Calves	
	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head
Dodoma	12,417	239,706	2,191	216,374	5,843	297,736
Arusha	26,362	386,831	6,135	297,781	7,461	325,525
Kilimanjaro	3,776	449,420	2,887	307,172	1,110	250,000
Tanga	11,648	338,879	2,118	227,704	8,119	210,890
Morogoro	5,359	357,143	1,191	250,000	7,145	227,188
Pwani	9,073	260,000	5,532	200,000	664	242,857
Dar es Salaam	-	-	-	-	-	-
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	4,961	390,290	2,126	275,000	3,544	427,419
Iringa	6,483	684,146	-	-	5,894	600,000
Mbeya	4,952	360,752	2,751	245,000	4,402	305,172
Singida	10,605	219,833	5,486	154,000	9,143	379,254
Tabora	11,337	210,028	4,942	249,557	4,070	143,684
Rukwa	7,465	282,931	-	-	-	-
Kigoma	978	200,000	978	290,000	978	-
Shinyanga	6,029	268,961	5,242	191,105	1,311	205,250
Kagera	3,494	208,333	15,141	208,108	4,659	507,895
Mwanza	7,124	326,075	1,583	239,706	1,979	247,311
Mara	19,932	265,725	1,384	214,603	1,661	183,598
Manyara	9,380	413,928	722	376,762	962	341,321
Njombe	1,934	550,000	387	450,000	-	-
Katavi	618	315,161	-	-	-	-
Simiyu	10,575	237,221	4,339	201,895	542	210,513
Geita	9,807	279,941	2,043	194,474	409	210,000
Songwe	6,402	246,667	3,973	227,471	662	414,286
<b>Mainland Tanzania</b>	<b>190,711</b>	<b>288,153</b>	<b>71,151</b>	<b>192,950</b>	<b>70,558</b>	<b>220,381</b>
Kaskazini Unguja	87	300,000	-	-	174	217,000
Kusini Unguja	314	1,042,830	78	400,000	78	300,000
Mjini Magharibi	339	450,504	-	-	-	-
Kaskazini Pemba	1,339	477,541	149	170,000	744	310,351
Kusini Pemba	1,761	423,066	147	250,000	-	-
<b>Tanzania Zanzibar</b>	<b>3,840</b>	<b>538,788</b>	<b>374</b>	<b>164,000</b>	<b>996</b>	<b>165,470</b>
<b>Tanzania</b>	<b>194,551</b>	<b>328,578</b>	<b>71,525</b>	<b>188,281</b>	<b>71,554</b>	<b>211,524</b>

**Table 4.12: Number of Cattle Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Offtake									
	Castrated Bulls (Oxen)					Uncastrated Bulls				
	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died
Dodoma	66,831	4,017	1,826	-	9,130	60,623	4,382	2,191	-	17,895
Arusha	134,794	11,938	4,974	1,161	20,891	97,987	6,964	4,974	1,658	33,326
Kilimanjaro	16,879	8,884	23,542	5,108	49,528	24,653	5,997	666	1,333	4,886
Tanga	10,236	8,472	-	1,059	706	80,833	9,178	5,295	9,883	19,061
Morogoro	13,100	2,977	-	4,168	12,504	38,704	6,550	-	2,382	10,718
Pwani	35,185	1,328	1,106	5,753	1,328	50,011	5,532	221	8,188	4,426
Dar es Salaam	-	-	-	-	424	212	1,059	-	-	635
Lindi	18,794	2,349	-	-	-	5,168	-	-	-	-
Mtwara	-	-	-	-	-	1,526	-	-	1,526	-
Ruvuma	7,796	2,126	-	-	2,835	12,048	2,835	6,379	-	4,252
Iringa	7,073	-	-	-	1,179	5,894	1,179	-	1,768	4,126
Mbeya	14,305	550	3,851	275	8,253	22,558	1,100	15,130	275	6,602
Singida	17,920	1,829	3,657	366	7,314	38,033	5,120	1,829	-	13,165
Tabora	57,847	6,977	2,907	581	52,615	35,755	4,942	2,907	2,907	35,464
Rukwa	13,163	1,768	1,375	1,375	7,858	2,554	1,179	196	196	1,375
Kigoma	26,418	4,892	6,849	-	-	22,504	2,935	1,957	-	1,957
Shinyanga	40,366	5,242	9,436	524	24,377	45,084	6,291	9,960	-	13,892
Kagera	38,434	1,165	13,976	9,317	2,329	16,305	3,494	-	3,494	4,659
Mwanza	15,434	3,958	792	396	9,498	34,430	1,583	396	-	14,247
Mara	5,260	277	-	-	1,938	21,870	8,582	277	1,661	5,260
Manyara	9,621	481	241	722	3,367	51,470	1,924	1,684	241	36,799
Njombe	4,641	774	-	774	1,934	387	-	774	-	-
Katavi	10,914	5,354	1,441	-	3,912	1,441	824	206	412	1,441
Simiyu	44,470	3,254	5,423	271	10,575	63,181	11,118	8,135	-	20,879
Geita	30,237	1,226	-	-	7,355	71,916	2,043	2,860	817	16,753
Songwe	7,285	662	1,324	662	5,519	5,519	1,987	883	883	19,647
<b>Mainland Tanzania</b>	<b>647,003</b>	<b>80,500</b>	<b>82,720</b>	<b>32,512</b>	<b>245,369</b>	<b>810,666</b>	<b>96,798</b>	<b>66,920</b>	<b>37,624</b>	<b>291,465</b>
Kaskazini Unguja	-	-	-	-	174	2,001	-	-	174	870
Kusini Unguja	314	-	-	-	-	1,962	392	-	549	628
Mjini Magharibi	564	-	-	-	451	1,016	226	-	903	564
Kaskazini Pemba	-	-	-	-	-	744	446	-	446	595
Kusini Pemba	-	-	-	-	-	2,201	-	-	147	1,320
<b>Tanzania Zanzibar</b>	<b>878</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>625</b>	<b>7,924</b>	<b>1,064</b>	<b>-</b>	<b>2,219</b>	<b>3,977</b>
<b>Tanzania</b>	<b>647,881</b>	<b>80,500</b>	<b>82,720</b>	<b>32,512</b>	<b>245,994</b>	<b>818,590</b>	<b>97,862</b>	<b>66,920</b>	<b>39,843</b>	<b>295,442</b>

Cont... Table 4.12: Number of Cattle Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Cattle Offtake									
	Cows					Steers				
	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died
Dodoma	74,135	5,843	4,382	1,096	37,250	12,417	1,461	1,461	-	-
Arusha	188,845	7,295	6,135	2,155	106,443	33,657	2,984	1,492	-	30,839
Kilimanjaro	48,417	11,993	7,995	3,109	19,989	27,762	4,664	444	6,441	222
Tanga	62,125	3,177	8,825	6,001	25,415	4,589	706	-	-	1,765
Morogoro	29,177	4,764	3,573	4,764	26,200	7,145	-	-	-	1,191
Pwani	27,882	1,549	2,877	14,605	5,311	30,759	2,877	1,328	5,090	1,106
Dar es Salaam	424	2,118	1,271	-	2,965	1,694	-	-	-	212
Lindi	-	-	-	1,879	2,349	470	-	-	-	-
Mtwara	6,102	-	-	1,526	-	1,526	-	-	-	-
Ruvuma	12,048	1,417	-	-	12,048	-	-	709	-	-
Iringa	9,430	4,126	-	1,179	5,305	2,947	589	-	-	-
Mbeya	34,662	275	12,930	550	21,733	1,926	-	2,476	-	25,859
Singida	17,920	4,388	1,463	-	21,942	1,463	366	-	366	1,829
Tabora	41,859	9,593	5,232	9,011	167,437	4,070	872	-	-	31,976
Rukwa	9,234	1,768	2,161	982	11,198	2,750	589	1,965	-	5,304
Kigoma	43,051	978	978	1,957	9,784	4,892	978	-	-	-
Shinyanga	44,297	4,718	15,989	-	35,910	7,601	2,097	1,573	-	4,718
Kagera	11,647	4,659	-	25,623	23,293	2,329	-	-	-	-
Mwanza	39,575	7,124	5,936	1,187	50,656	5,145	1,187	1,979	792	1,979
Mara	13,842	3,599	277	277	22,147	3,322	277	-	277	554
Manyara	19,963	3,367	3,848	241	37,039	1,203	-	-	-	241
Njombe	1,934	-	-	-	3,094	-	-	-	3,094	387
Katavi	17,091	412	18,121	3,089	4,942	9,061	-	1,236	-	824
Simiyu	49,080	10,304	5,152	2,440	33,895	5,694	542	2,440	-	5,694
Geita	81,723	7,355	-	409	23,700	15,527	2,860	-	-	1,634
Songwe	6,181	1,545	9,934	221	18,764	441	-	441	2,649	3,973
<b>Mainland Tanzania</b>	<b>890,644</b>	<b>102,367</b>	<b>117,079</b>	<b>82,301</b>	<b>728,809</b>	<b>188,390</b>	<b>23,049</b>	<b>17,544</b>	<b>18,709</b>	<b>120,307</b>
Kaskazini Unguja	87	-	-	261	435	-	-	-	-	87
Kusini Unguja	942	157	78	392	1,020	314	-	78	78	157
Mjini Magharibi	2,708	113	113	790	903	677	113	-	564	-
Kaskazini Pemba	744	149	297	446	2,082	-	-	-	-	-
Kusini Pemba	587	-	147	440	1,320	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>5,068</b>	<b>419</b>	<b>635</b>	<b>2,329</b>	<b>5,760</b>	<b>991</b>	<b>113</b>	<b>78</b>	<b>642</b>	<b>244</b>
<b>Tanzania</b>	<b>895,712</b>	<b>102,786</b>	<b>117,714</b>	<b>84,630</b>	<b>734,569</b>	<b>189,381</b>	<b>23,162</b>	<b>17,622</b>	<b>19,351</b>	<b>120,551</b>

Cont... Table 4.12: Number of Cattle Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Cattle Offtake									
	Heifers					Male Calves				
	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died
Dodoma	28,120	365	4,748	-	15,704	1,826	-	3,652	-	6,208
Arusha	31,004	1,326	2,819	166	33,657	14,922	332	31,502	166	8,290
Kilimanjaro	40,422	3,109	1,333	18,434	7,329	14,214	1,555	28,650	16,657	4,664
Tanga	19,414	1,059	4,589	2,471	15,178	13,060	7,413	33,180	2,471	4,942
Morogoro	4,168	1,191	-	-	8,336	4,168	-	23,223	-	4,168
Pwani	24,342	1,549	2,434	9,515	12,171	5,753	-	17,924	664	885
Dar es Salaam	-	-	1,271	-	212	212	-	1,059	-	424
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	1,526	-	-	-	-	3,051	-	-	-	-
Ruvuma	2,835	-	709	709	2,126	2,835	-	1,417	-	2,835
Iringa	1,768	1,179	-	-	4,715	-	-	4,715	-	2,947
Mbeya	8,803	825	-	-	7,153	6,327	-	17,056	2,201	6,602
Singida	5,486	731	4,754	-	5,486	2,194	-	4,023	-	3,291
Tabora	11,628	1,163	3,779	291	41,859	4,651	-	59,882	-	6,395
Rukwa	3,536	393	4,911	196	3,143	393	-	9,430	393	1,375
Kigoma	978	978	-	-	-	-	1,957	11,741	-	2,935
Shinyanga	15,203	7,339	8,388	-	10,747	1,311	-	17,037	-	6,553
Kagera	20,964	-	-	3,494	9,317	11,647	-	15,141	-	1,165
Mwanza	6,332	1,187	2,375	-	13,060	2,770	396	6,728	-	3,958
Mara	17,164	2,768	1,384	1,107	8,305	1,661	1,107	10,243	-	3,876
Manyara	9,380	481	241	-	3,367	5,532	-	9,861	241	2,405
Njombe	774	-	-	-	-	5,415	-	1,160	-	1,160
Katavi	7,413	-	2,059	618	2,265	2,059	-	3,501	-	1,236
Simiyu	15,185	2,169	6,508	-	9,762	5,423	-	15,456	-	3,796
Geita	10,624	2,043	1,634	409	6,946	13,076	409	15,527	817	6,129
Songwe	3,973	441	9,713	1,545	2,207	221	-	1,987	-	2,428
<b>Mainland Tanzania</b>	<b>291,042</b>	<b>30,296</b>	<b>63,649</b>	<b>38,955</b>	<b>223,045</b>	<b>122,721</b>	<b>13,169</b>	<b>344,095</b>	<b>23,610</b>	<b>88,667</b>
Kaskazini Unguja	870	-	-	87	-	435	-	87	87	348
Kusini Unguja	392	-	-	-	157	157	-	-	-	392
Mjini Magharibi	790	-	113	451	564	451	-	903	-	677
Kaskazini Pemba	892	446	-	-	595	892	149	1,487	-	2,082
Kusini Pemba	440	-	293	293	1,320	1,027	-	2,201	-	2,201
<b>Tanzania Zanzibar</b>	<b>3,384</b>	<b>446</b>	<b>406</b>	<b>831</b>	<b>2,636</b>	<b>2,962</b>	<b>149</b>	<b>4,678</b>	<b>87</b>	<b>5,700</b>
<b>Tanzania</b>	<b>294,426</b>	<b>30,742</b>	<b>64,055</b>	<b>39,786</b>	<b>225,681</b>	<b>125,683</b>	<b>13,318</b>	<b>348,773</b>	<b>23,697</b>	<b>94,367</b>

Cont... Table 4.12: Number of Cattle Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Cattle Offtake									
	Female Calves					Total				
	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died	Number Sold/Traded	Number Consumed by Households	Number Given Away	Number Stolen	Number Died
Dodoma	2,556	-	5,843	730	4,748	246,509	16,069	24,103	1,826	90,935
Arusha	7,295	-	43,273	-	9,285	508,504	30,839	95,168	5,306	242,729
Kilimanjaro	8,662	-	54,414	18,878	4,442	181,009	36,202	117,045	69,960	91,060
Tanga	2,118	2,471	28,591	1,765	7,413	192,375	32,474	80,480	23,650	74,479
Morogoro	1,786	-	21,436	-	1,191	98,249	15,482	48,232	11,314	64,309
Pwani	2,434	221	12,613	4,426	2,434	176,366	13,056	38,504	48,241	27,661
Dar es Salaam	212	-	1,271	-	424	2,753	3,177	4,871	-	5,294
Lindi	-	-	-	-	-	24,432	2,349	-	1,879	2,349
Mtwara	1,526	-	-	-	-	15,256	-	-	3,051	-
Ruvuma	5,670	-	7,087	-	3,544	43,232	6,379	16,301	709	27,640
Iringa	-	-	5,894	-	3,536	27,112	7,073	10,609	2,947	21,807
Mbeya	5,777	-	16,781	-	4,126	94,359	2,751	68,224	3,301	80,329
Singida	366	1,097	5,120	-	3,291	83,381	13,531	20,845	731	56,319
Tabora	5,814	2,326	51,161	-	3,198	161,623	25,871	125,868	12,790	338,943
Rukwa	589	-	6,090	-	2,161	32,219	5,697	26,129	3,143	32,416
Kigoma	-	2,935	10,763	-	2,935	97,843	15,655	32,288	1,957	17,612
Shinyanga	1,311	-	19,134	-	4,456	155,172	25,687	81,518	524	100,652
Kagera	8,153	1,165	4,659	9,317	5,823	109,479	10,482	33,775	51,245	46,587
Mwanza	3,562	-	6,728	-	5,145	107,249	15,434	24,932	2,375	98,542
Mara	277	277	12,458	-	2,492	63,396	16,887	24,638	3,322	44,571
Manyara	1,684	-	6,253	-	2,165	98,851	6,253	22,127	1,443	85,382
Njombe	1,160	-	4,641	-	1,160	14,311	774	6,575	3,868	7,736
Katavi	206	-	5,148	-	1,030	48,185	6,589	31,712	4,118	15,650
Simiyu	5,694	1,627	12,202	-	3,796	188,728	29,014	55,317	2,712	88,399
Geita	1,226	-	14,301	409	6,538	224,329	15,936	34,324	2,860	69,056
Songwe	1,324	-	11,479	-	2,207	24,945	4,636	35,761	5,960	54,746
<b>Mainland Tanzania</b>	<b>69,402</b>	<b>12,119</b>	<b>367,340</b>	<b>35,525</b>	<b>87,540</b>	<b>3,019,867</b>	<b>358,297</b>	<b>1,059,346</b>	<b>269,232</b>	<b>1,785,203</b>
Kaskazini Unguja	348	-	435	-	522	3,741	-	522	609	2,436
Kusini Unguja	157	-	471	-	235	4,238	549	628	1,020	2,590
Mjini Magharibi	113	-	451	-	903	6,319	451	1,580	2,708	4,062
Kaskazini Pemba	149	-	1,190	-	744	3,421	1,190	2,975	892	6,098
Kusini Pemba	440	-	2,201	-	734	4,695	-	4,841	880	6,895
<b>Tanzania Zanzibar</b>	<b>1,207</b>	<b>-</b>	<b>4,748</b>	<b>-</b>	<b>3,138</b>	<b>22,414</b>	<b>2,190</b>	<b>10,546</b>	<b>6,109</b>	<b>22,081</b>
<b>Tanzania</b>	<b>70,609</b>	<b>12,119</b>	<b>372,088</b>	<b>35,525</b>	<b>90,678</b>	<b>3,042,281</b>	<b>360,487</b>	<b>1,069,892</b>	<b>275,341</b>	<b>1,807,284</b>

**Table 4.13: Number of Cattle Offtake Sold/Traded and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Offtake							
	Castrated Bulls (Oxen)		Uncastrated Bulls		Cows		Steers	
	Number Sold/Traded	Average Price per Head	Number Sold/Traded	Average Price per Head	Number Sold/Traded	Average price per Head	Number Sold/Traded	Average price per Head
Dodoma	66,831	574,558	60,623	484,767	74,135	411,720	12,417	284,375
Arusha	134,794	686,200	97,987	647,162	188,845	526,777	33,657	429,469
Kilimanjaro	16,879	833,217	24,653	581,602	48,417	592,282	27,762	628,043
Tanga	10,236	900,000	80,833	663,769	62,125	553,719	4,589	534,375
Morogoro	13,100	749,063	38,704	612,491	29,177	484,728	7,145	496,069
Pwani	35,185	600,517	50,011	699,338	27,882	528,667	30,759	342,593
Dar es Salaam	-		212	600,000	424	1,000,000	1,694	500,000
Lindi	18,794	700,000	5,168	628,163	-		470	450,000
Mtwara	-		1,526	800,000	6,102	766,667	1,526	553,000
Ruvuma	7,796	533,362	12,048	632,132	12,048	573,377	-	
Iringa	7,073	672,428	5,894	601,823	9,430	356,250	2,947	414,286
Mbeya	14,305	641,742	22,558	573,714	34,662	594,571	1,926	823,810
Singida	17,920	523,870	38,033	530,439	17,920	398,569	1,463	608,347
Tabora	57,847	469,344	35,755	526,816	41,859	294,575	4,070	504,181
Rukwa	13,163	472,614	2,554	413,934	9,234	293,636	2,750	485,179
Kigoma	26,418	464,295	22,504	424,039	43,051	460,714	4,892	345,690
Shinyanga	40,366	510,406	45,084	513,169	44,297	302,692	7,601	397,683
Kagera	38,434	685,707	16,305	558,609	11,647	603,685	2,329	300,000
Mwanza	15,434	418,516	34,430	470,909	39,575	390,687	5,145	487,296
Mara	5,260	605,320	21,870	438,549	13,842	345,278	3,322	778,802
Manyara	9,621	584,091	51,470	588,971	19,963	401,822	1,203	666,667
Njombe	4,641	783,291	387	700,000	1,934	563,333	-	
Katavi	10,914	574,355	1,441	326,923	17,091	456,947	9,061	500,350
Simiyu	44,470	535,724	63,181	528,861	49,080	420,131	5,694	560,693
Geita	30,237	554,811	71,916	521,898	81,723	458,532	15,527	507,143
Songwe	7,285	490,609	5,519	464,100	6,181	410,912	441	552,000
<b>Mainland Tanzania</b>	<b>647,003</b>	<b>606,835</b>	<b>810,666</b>	<b>558,930</b>	<b>890,644</b>	<b>487,611</b>	<b>188,390</b>	<b>506,252</b>
Kaskazini Unguja	-		2,001	760,628	87	800,000	-	
Kusini Unguja	314	850,000	1,962	651,974	942	513,501	314	383,333
Mjini Magharibi	564	602,522	1,016	693,750	2,708	642,147	677	828,571
Kaskazini Pemba	-		744	659,414	744	726,962	-	
Kusini Pemba	-		2,201	633,745	587	401,724	-	
<b>Tanzania Zanzibar</b>	<b>878</b>	<b>726,261</b>	<b>7,924</b>	<b>679,902</b>	<b>5,068</b>	<b>616,867</b>	<b>991</b>	<b>605,952</b>
<b>Tanzania</b>	<b>647,881</b>	<b>616,022</b>	<b>818,590</b>	<b>578,442</b>	<b>895,712</b>	<b>509,153</b>	<b>189,381</b>	<b>513,921</b>

**Cont... Table 4.13: Number of Cattle Offtake Sold/Traded and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle Offtake					
	Heifers		Male Calves		Female Calves	
	Number Sold/Traded	Average Price per Head	Number Sold/Traded	Average Price per Head	Number Sold/Traded	Average Price per Head
Dodoma	28,120	317,043	1,826	205,068	2,556	223,485
Arusha	31,004	413,324	14,922	252,570	7,295	275,140
Kilimanjaro	40,422	376,667	14,214	248,929	8,662	333,282
Tanga	19,414	473,256	13,060	256,000	2,118	285,000
Morogoro	4,168	365,616	4,168	239,474	1,786	250,000
Pwani	24,342	439,727	5,753	264,634	2,434	161,111
Dar es Salaam	-	-	212	300,000	212	350,000
Lindi	-	-	-	-	-	-
Mtwara	1,526	400,000	3,051	250,000	1,526	150,000
Ruvuma	2,835	343,534	2,835	281,620	5,670	299,184
Iringa	1,768	443,182	-	-	-	-
Mbeya	8,803	380,612	6,327	221,770	5,777	309,534
Singida	5,486	245,338	2,194	144,365	366	200,000
Tabora	11,628	311,322	4,651	134,881	5,814	158,868
Rukwa	3,536	224,606	393	191,667	589	235,022
Kigoma	978	250,000	-	-	-	-
Shinyanga	15,203	229,554	1,311	125,000	1,311	222,696
Kagera	20,964	378,560	11,647	250,000	8,153	262,125
Mwanza	6,332	277,597	2,770	183,010	3,562	261,383
Mara	17,164	289,440	1,661	160,912	277	150,000
Manyara	9,380	324,834	5,532	236,919	1,684	241,803
Njombe	774	373,077	5,415	281,818	1,160	366,667
Katavi	7,413	186,364	2,059	100,000	206	250,000
Simiyu	15,185	261,208	5,423	176,731	5,694	205,289
Geita	10,624	368,895	13,076	256,409	1,226	227,778
Songwe	3,973	283,966	221	250,000	1,324	465,772
<b>Mainland Tanzania</b>	<b>291,042</b>	<b>331,572</b>	<b>122,721</b>	<b>217,903</b>	<b>69,402</b>	<b>255,832</b>
Kaskazini Unguja	870	444,789	435	252,581	348	271,013
Kusini Unguja	392	520,000	157	300,000	157	390,000
Mjini Magharibi	790	513,333	451	300,000	113	253,000
Kaskazini Pemba	892	354,761	892	260,000	149	200,000
Kusini Pemba	440	338,571	1,027	268,673	440	498,276
<b>Tanzania Zanzibar</b>	<b>3,384</b>	<b>434,291</b>	<b>2,962</b>	<b>276,251</b>	<b>1,207</b>	<b>322,458</b>
<b>Tanzania</b>	<b>294,426</b>	<b>349,282</b>	<b>125,683</b>	<b>228,322</b>	<b>70,609</b>	<b>267,730</b>



**Table 4.14: Number of Agricultural Households Reported Occurrence of Cattle Diseases by Type of Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Disease									
	Total		Tick Borne Diseases		CBPP		Trypanosomiasis		Lumpy Skin Disease	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	199,650	1,248,538	37,059	123,851	41,762	119,148	17,944	142,966	25,446	135,464
Arusha	233,669	1,124,823	44,449	106,495	41,586	109,358	42,430	108,514	21,305	129,639
Kilimanjaro	150,783	1,057,828	20,297	113,993	18,541	115,749	23,780	110,511	13,409	120,881
Tanga	102,977	631,133	17,157	64,411	15,128	66,440	17,036	64,532	11,415	70,153
Morogoro	42,116	220,881	7,562	21,660	7,112	22,110	5,523	23,699	5,888	23,333
Pwani	29,288	73,574	5,180	6,249	5,641	5,788	3,209	8,221	4,838	6,591
Dar es Salaam	8,594	199,984	658	22,517	1,239	21,937	1,587	21,588	658	22,517
Lindi	3,249	20,994	890	1,804	-	2,694	546	2,148	-	2,694
Mtwara	2,508	18,711	1,026	1,332	374	1,984	184	2,174	482	1,875
Ruvuma	35,723	419,582	10,912	39,677	2,076	48,514	1,728	48,861	7,586	43,003
Iringa	35,577	200,771	5,153	21,107	4,103	22,158	1,397	24,864	3,233	23,028
Mbeya	116,277	929,988	18,040	98,212	12,085	104,166	5,492	110,760	21,369	94,883
Singida	133,770	976,806	31,188	92,209	12,315	111,083	8,157	115,241	19,044	104,353
Tabora	111,963	983,419	21,941	99,769	20,429	101,280	2,735	118,974	22,421	99,288
Rukwa	110,293	538,978	23,340	48,801	17,049	55,092	4,789	67,352	16,834	55,307
Kigoma	37,486	159,606	9,569	12,330	4,165	17,734	1,272	20,627	3,643	18,256
Shinyanga	86,247	644,154	18,797	62,359	19,413	61,743	2,858	78,297	9,086	72,069
Kagera	43,023	303,221	8,974	29,498	5,061	33,410	2,004	36,467	5,208	33,263
Mwanza	115,511	956,009	24,323	94,735	11,338	107,719	3,895	115,163	14,953	104,105
Mara	179,525	745,268	37,757	64,998	13,142	89,612	15,304	87,451	32,812	69,943
Manyara	164,795	1,212,651	22,561	130,489	24,980	128,068	22,429	130,622	24,640	128,413
Njombe	14,477	244,230	1,660	27,085	781	27,965	147	28,598	2,116	26,629
Katavi	12,433	123,890	1,643	13,504	3,209	11,939	1,044	14,103	1,465	13,682
Simiyu	92,863	636,207	22,066	58,942	9,238	71,769	2,912	78,096	16,545	64,463
Geita	95,826	570,674	11,428	62,628	11,902	62,154	950	73,105	12,741	61,315
Songwe	64,089	775,969	13,887	79,453	11,545	81,795	2,055	91,285	11,331	82,009
<b>Mainland Tanzania</b>	<b>2,222,712</b>	<b>15,017,889</b>	<b>417,517</b>	<b>1,498,108</b>	<b>314,214</b>	<b>1,601,409</b>	<b>191,407</b>	<b>1,724,219</b>	<b>308,468</b>	<b>1,607,156</b>
Kaskazini Unguja	8,434	55,914	1,275	5,875	451	6,699	72	7,077	1,748	5,402
Kusini Unguja	7,694	46,092	2,377	3,599	362	5,614	70	5,906	1,695	4,282
Mjini Magharibi	12,494	72,980	3,069	6,428	489	9,009	297	9,200	2,724	6,773
Kaskazini Pemba	13,048	112,637	1,797	12,168	2,086	11,879	-	13,965	2,215	11,750
Kusini Pemba	14,750	159,285	2,602	16,735	1,306	18,032	-	19,337	5,024	14,313
<b>Tanzania Zanzibar</b>	<b>56,420</b>	<b>446,908</b>	<b>11,120</b>	<b>44,805</b>	<b>4,694</b>	<b>51,233</b>	<b>439</b>	<b>55,485</b>	<b>13,406</b>	<b>42,520</b>
<b>Tanzania</b>	<b>2,279,132</b>	<b>15,464,797</b>	<b>428,637</b>	<b>1,542,913</b>	<b>318,908</b>	<b>1,652,642</b>	<b>191,846</b>	<b>1,779,704</b>	<b>321,874</b>	<b>1,649,676</b>

**Cont... Table 4.14: Number of Agricultural Households Reported Occurrence of Cattle Diseases by Type of Disease and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Disease									
	Helmenthioitis		Foot Mouth Disease (FMD)		Brucellosis		Black Quarter		Anthrax	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	27,561	133,349	40,523	120,386	5,332	155,578	4,023	156,887	-	160,910
Arusha	37,600	113,343	32,328	118,616	11,757	139,187	2,216	148,728	-	150,944
Kilimanjaro	44,844	89,446	18,803	115,487	9,956	124,334	1,153	133,137	-	134,290
Tanga	26,482	55,086	7,368	74,200	6,644	74,924	1,747	79,821	-	81,568
Morogoro	5,340	23,882	7,169	22,053	2,259	26,963	1,262	27,959	-	29,222
Pwani	3,085	8,344	3,823	7,606	2,548	8,881	963	10,466	-	11,429
Dar es Salaam	1,587	21,588	-	23,175	2,865	20,311	-	23,175	-	23,175
Lindi	1,001	1,693	588	2,106	225	2,469	-	2,694	-	2,694
Mtwara	80	2,277	363	1,995	-	2,358	-	2,358	-	2,358
Ruvuma	9,358	41,232	1,498	49,091	331	50,259	2,234	48,356	-	50,589
Iringa	7,875	18,386	10,584	15,677	1,411	24,850	1,821	24,439	-	26,261
Mbeya	34,121	82,131	15,552	100,700	5,854	110,397	3,763	112,488	-	116,252
Singida	15,610	107,787	38,851	84,546	6,324	117,074	2,281	121,117	-	123,397
Tabora	16,336	105,373	16,364	105,345	3,601	118,108	8,137	113,572	-	121,709
Rukwa	23,615	48,526	20,070	52,071	1,977	70,164	2,618	69,523	-	72,141
Kigoma	9,308	12,591	6,855	15,044	2,673	19,226	-	21,899	-	21,899
Shinyanga	13,411	67,744	17,934	63,222	2,528	78,628	2,220	78,936	-	81,156
Kagera	9,316	29,155	7,403	31,068	5,056	33,416	-	38,472	-	38,472
Mwanza	39,410	79,647	17,165	101,893	3,293	115,765	1,134	117,924	-	119,058
Mara	49,240	53,514	24,341	78,413	5,134	97,621	1,794	100,962	-	102,755
Manyara	31,613	121,437	29,424	123,628	6,091	146,958	3,058	149,992	-	153,050
Njombe	2,594	26,152	3,928	24,817	405	28,340	2,847	25,898	-	28,745
Katavi	1,646	13,501	2,835	12,312	504	14,643	87	15,060	-	15,147
Simiyu	6,673	74,338	31,723	49,285	3,217	77,791	492	80,516	-	81,008
Geita	30,373	43,683	19,943	54,112	6,646	67,409	1,843	72,213	-	74,056
Songwe	8,264	85,076	9,216	84,124	3,952	89,388	3,841	89,499	-	93,340
<b>Mainland Tanzania</b>	<b>456,343</b>	<b>1,459,281</b>	<b>384,651</b>	<b>1,530,972</b>	<b>100,583</b>	<b>1,815,042</b>	<b>49,534</b>	<b>1,866,091</b>	<b>-</b>	<b>1,915,625</b>
Kaskazini Unguja	1,925	5,225	1,485	5,665	470	6,680	1,008	6,142	-	7,150
Kusini Unguja	2,228	3,748	203	5,774	108	5,868	652	5,324	-	5,976
Mjini Magharibi	3,366	6,131	1,375	8,122	726	8,771	448	9,049	-	9,497
Kaskazini Pemba	6,225	7,741	348	13,617	-	13,965	377	13,588	-	13,965
Kusini Pemba	3,551	15,786	1,074	18,264	1,193	18,144	-	19,337	-	19,337
<b>Tanzania Zanzibar</b>	<b>17,295</b>	<b>38,631</b>	<b>4,485</b>	<b>51,442</b>	<b>2,497</b>	<b>53,428</b>	<b>2,485</b>	<b>53,440</b>	<b>-</b>	<b>55,925</b>
<b>Tanzania</b>	<b>473,638</b>	<b>1,497,912</b>	<b>389,136</b>	<b>1,582,414</b>	<b>103,080</b>	<b>1,868,470</b>	<b>52,019</b>	<b>1,919,531</b>	<b>-</b>	<b>1,971,550</b>

**Table 4.15: Number of Reported Cases of Cattle Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Disease											
	Tick Borne Diseases				CBPP				Trypanosomiasis			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	274,264	261,482	261,482	12,782	278,282	273,169	221,676	56,971	74,135	73,040	67,927	5,478
Arusha	365,918	362,436	355,970	16,082	315,681	300,427	234,108	83,231	247,040	259,309	196,637	53,885
Kilimanjaro	219,654	211,214	202,996	17,990	161,242	155,468	140,587	24,431	256,077	212,102	169,238	69,294
Tanga	306,388	291,563	282,738	13,413	188,845	188,492	150,017	36,004	233,321	257,323	201,905	41,299
Morogoro	150,054	148,267	138,145	8,336	225,080	226,867	181,017	47,041	98,249	98,249	91,104	10,718
Pwani	409,825	416,464	399,646	2,877	365,125	389,245	344,767	19,031	97,367	104,448	86,524	6,196
Dar es Salaam	424	424	424	-	424	424	424	-	3,388	3,388	3,388	1,059
Lindi	9,397	16,445	9,397	-	-	-	-	-	72,357	72,357	72,357	-
Mtwara	44,243	74,755	44,243	-	9,154	21,359	-	3,051	7,628	7,628	7,628	-
Ruvuma	77,960	73,708	73,708	2,835	24,097	23,388	14,175	8,505	19,136	19,136	10,631	8,505
Iringa	41,847	51,277	39,489	2,947	12,967	14,735	9,430	3,536	17,682	19,450	14,735	2,947
Mbeya	108,114	124,895	96,560	13,480	111,140	166,160	64,098	41,265	33,837	27,785	9,078	8,803
Singida	290,005	289,639	254,531	37,668	88,866	86,672	79,724	9,508	61,804	61,439	59,976	366
Tabora	258,422	250,864	232,260	69,184	256,969	309,874	156,681	110,752	24,418	21,802	20,058	3,198
Rukwa	94,103	95,675	87,227	7,858	60,313	62,670	45,971	11,198	8,448	8,448	7,858	589
Kigoma	105,671	105,671	103,714	1,957	107,628	107,628	96,865	10,763	38,159	38,159	38,159	-
Shinyanga	364,340	358,312	353,856	7,339	125,815	117,428	94,099	38,007	25,949	25,687	24,115	1,835
Kagera	121,125	137,431	111,808	3,494	43,093	29,117	31,446	8,153	33,775	33,775	33,775	-
Mwanza	225,974	225,578	214,101	2,770	74,797	64,903	46,699	22,162	20,975	14,247	7,519	12,664
Mara	291,786	293,170	276,837	4,983	70,593	66,164	54,814	15,226	93,571	90,249	84,435	6,367
Manyara	134,447	132,763	121,459	8,418	709,514	193,854	143,346	73,357	171,005	145,511	128,915	30,786
Njombe	20,886	20,113	18,952	1,160	5,028	4,255	1,547	1,160	774	774	774	-
Katavi	18,121	18,121	17,503	1,853	60,335	60,335	46,332	35,212	10,708	10,708	10,296	-
Simiyu	258,146	234,012	226,691	18,168	85,958	78,366	72,942	16,812	9,762	9,219	7,864	1,898
Geita	105,422	106,648	99,702	6,129	83,357	81,723	64,970	15,527	22,474	22,474	17,570	4,903
Songwe	36,644	30,684	28,035	2,428	42,163	42,825	28,697	11,479	2,428	1,766	1,766	662
<b>Mainland Tanzania</b>	<b>4,333,180</b>	<b>4,331,611</b>	<b>4,051,474</b>	<b>264,151</b>	<b>3,506,466</b>	<b>3,065,548</b>	<b>2,324,432</b>	<b>702,382</b>	<b>1,684,467</b>	<b>1,638,473</b>	<b>1,374,232</b>	<b>271,452</b>
Kaskazini Unguja	5,830	5,743	5,482	87	609	522	435	174	174	174	174	-
Kusini Unguja	6,829	6,829	6,201	628	628	706	549	78	235	235	235	-
Mjini Magharibi	3,836	3,949	3,724	113	1,918	1,805	1,241	677	339	339	339	-
Kaskazini Pemba	2,975	2,082	2,528	149	5,652	4,462	4,016	892	-	-	-	-
Kusini Pemba	6,895	8,216	6,749	147	1,614	1,174	1,027	587	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>26,365</b>	<b>26,819</b>	<b>24,684</b>	<b>1,124</b>	<b>10,421</b>	<b>8,669</b>	<b>7,268</b>	<b>2,408</b>	<b>748</b>	<b>748</b>	<b>748</b>	<b>-</b>
<b>Tanzania</b>	<b>4,359,545</b>	<b>4,358,430</b>	<b>4,076,158</b>	<b>265,275</b>	<b>3,516,887</b>	<b>3,074,217</b>	<b>2,331,700</b>	<b>704,790</b>	<b>1,685,215</b>	<b>1,639,221</b>	<b>1,374,980</b>	<b>271,452</b>

Cont... Table 4.15: Number of Reported Cases of Cattle Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania

Region	Disease											
	Lumpy Skin Disease				Helmenthiotis				Foot Mouth Disease (FMD)			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	95,682	78,518	75,961	17,895	113,577	112,481	108,464	1,826	324,662	286,316	304,941	14,243
Arusha	129,323	125,510	116,556	5,471	333,918	327,618	323,639	4,145	311,204	294,127	280,200	14,424
Kilimanjaro	37,979	30,871	28,873	3,554	285,172	280,508	280,952	1,555	208,771	196,111	170,792	9,106
Tanga	61,772	60,713	58,595	5,295	340,980	335,685	330,037	4,236	157,077	156,018	147,899	8,825
Morogoro	106,586	105,395	99,440	11,909	105,395	105,395	100,631	-	259,021	259,021	254,258	14,886
Pwani	44,036	133,879	33,636	10,401	127,241	139,854	126,798	443	150,697	153,131	150,697	221
Dar es Salaam	424	424	424	-	847	847	847	-	-	-	-	-
Lindi	-	-	-	-	14,096	14,096	14,096	-	940	940	940	-
Mtwara	9,154	21,359	9,154	-	9,154	9,154	9,154	-	3,051	3,051	3,051	-
Ruvuma	41,106	51,029	36,145	4,252	60,242	60,242	55,990	8,505	6,379	6,379	3,544	2,126
Iringa	30,059	20,039	28,880	1,179	93,713	96,071	67,190	-	120,235	124,361	115,520	4,715
Mbeya	63,548	116,642	51,994	11,004	151,579	188,443	128,471	7,428	137,824	184,866	132,598	7,978
Singida	88,866	84,112	85,575	2,194	132,385	132,385	129,094	5,120	346,323	315,604	336,449	29,256
Tabora	206,389	202,610	163,948	40,406	136,042	131,682	118,601	20,058	202,901	193,599	170,053	20,639
Rukwa	58,937	59,134	54,812	3,929	53,830	53,044	49,507	4,126	68,957	74,065	66,796	786
Kigoma	38,159	37,181	35,224	1,957	136,002	115,455	71,426	7,827	143,830	140,895	136,002	6,849
Shinyanga	48,753	47,181	41,938	5,504	83,353	74,703	66,577	11,009	179,549	166,443	155,697	15,465
Kagera	103,655	103,655	86,185	1,165	173,535	165,383	161,889	6,988	266,708	258,556	250,403	8,153
Mwanza	50,656	45,511	37,992	2,770	306,707	301,958	288,503	12,268	110,019	106,853	100,917	7,519
Mara	143,678	140,080	133,712	4,429	550,629	541,493	540,109	4,983	284,588	252,475	255,797	7,198
Manyara	184,474	154,169	135,649	27,419	202,512	196,259	184,714	3,127	289,337	274,666	265,046	5,772
Njombe	15,084	15,471	15,084	-	30,943	31,329	26,688	-	37,905	39,452	37,131	1,160
Katavi	19,768	19,357	12,767	6,384	17,091	15,856	14,414	1,853	49,215	39,743	43,037	5,148
Simiyu	110,363	108,465	91,381	16,812	36,336	44,742	32,811	6,508	399,150	378,270	359,289	10,304
Geita	77,228	85,809	69,056	4,903	282,761	340,375	263,556	10,215	205,124	220,243	166,306	28,603
Songwe	39,073	30,684	29,360	10,154	35,761	34,216	31,126	4,856	22,075	21,633	19,647	1,545
<b>Mainland Tanzania</b>	<b>1,804,752</b>	<b>1,877,798</b>	<b>1,532,341</b>	<b>198,986</b>	<b>3,813,801</b>	<b>3,849,274</b>	<b>3,525,284</b>	<b>127,076</b>	<b>4,285,542</b>	<b>4,146,818</b>	<b>3,927,010</b>	<b>224,921</b>
Kaskazini Unguja	4,785	4,176	4,089	174	5,308	5,395	4,785	261	5,569	4,785	4,959	435
Kusini Unguja	5,337	5,416	5,102	157	7,221	7,300	7,143	78	235	235	157	78
Mjini Magharibi	5,078	5,078	4,852	339	13,428	10,268	9,478	-	4,175	4,175	4,175	-
Kaskazini Pemba	5,652	6,098	5,354	892	22,904	22,161	19,484	1,636	744	744	446	297
Kusini Pemba	8,949	8,216	6,895	880	9,829	9,829	9,389	440	880	440	587	293
<b>Tanzania Zanzibar</b>	<b>29,801</b>	<b>28,984</b>	<b>26,292</b>	<b>2,442</b>	<b>58,690</b>	<b>54,953</b>	<b>50,279</b>	<b>2,415</b>	<b>11,603</b>	<b>10,379</b>	<b>10,324</b>	<b>1,103</b>
<b>Tanzania</b>	<b>1,834,553</b>	<b>1,906,782</b>	<b>1,558,633</b>	<b>201,428</b>	<b>3,872,491</b>	<b>3,904,227</b>	<b>3,575,563</b>	<b>129,491</b>	<b>4,297,145</b>	<b>4,157,197</b>	<b>3,937,334</b>	<b>226,024</b>

Cont... Table 4.15: Number of Reported Cases of Cattle Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania

Region	Diseases											
	Brucellosis				Black Quarter				Total			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	13,878	12,782	11,321	2,191	9,495	5,478	7,304	2,556	1,183,975	1,103,266	1,059,077	113,942
Arusha	34,320	33,491	29,346	4,642	10,943	10,777	8,953	1,824	1,748,347	1,713,695	1,545,409	183,705
Kilimanjaro	63,298	58,634	45,086	15,547	4,220	4,220	3,331	666	1,236,412	1,149,128	1,041,855	142,142
Tanga	69,184	41,652	67,066	2,824	16,590	16,590	15,531	1,412	1,374,156	1,348,035	1,253,789	113,307
Morogoro	29,177	20,245	17,268	10,123	19,054	19,054	14,291	4,168	992,617	982,494	896,154	107,181
Pwani	14,162	13,277	13,720	221	313,786	3,983	3,098	885	1,522,240	1,354,282	1,158,885	40,274
Dar es Salaam	1,059	1,059	847	212	-	-	-	-	6,565	6,565	6,353	1,271
Lindi	1,879	1,879	1,879	-	-	-	-	-	98,669	105,717	98,669	-
Mtwara	-	-	-	-	-	-	-	-	82,383	137,306	73,230	3,051
Ruvuma	1,417	1,417	709	-	19,844	19,844	14,883	4,961	250,181	255,143	209,784	39,689
Iringa	2,358	1,768	1,768	589	8,251	8,251	7,662	589	327,111	335,952	284,675	16,503
Mbeya	13,480	11,279	8,803	2,476	18,982	20,907	17,606	1,926	638,504	840,976	509,207	94,359
Singida	14,628	6,948	7,314	6,217	20,480	20,480	20,480	-	1,043,358	997,280	973,143	90,329
Tabora	17,732	17,151	7,558	3,779	83,428	79,939	65,114	16,279	1,186,300	1,207,521	934,273	284,294
Rukwa	2,554	2,161	2,161	-	2,750	2,750	2,357	196	349,892	357,947	316,691	28,683
Kigoma	13,698	13,698	13,698	-	-	-	-	-	583,147	558,686	495,088	29,353
Shinyanga	5,242	4,456	4,718	262	9,698	13,892	1,835	7,863	842,701	808,102	742,835	87,284
Kagera	16,305	11,647	11,647	1,165	-	-	-	-	758,198	739,563	687,153	29,117
Mwanza	6,332	5,145	2,770	1,187	9,498	9,498	6,728	2,770	804,958	773,693	705,228	64,112
Mara	13,565	11,904	11,350	554	11,073	8,582	5,537	5,537	1,459,485	1,404,117	1,362,592	49,277
Manyara	11,785	13,709	10,823	1,684	8,899	8,899	5,772	3,127	1,711,973	1,119,830	995,725	153,688
Njombe	774	387	387	387	35,197	37,131	10,443	774	146,590	148,911	111,006	4,641
Katavi	1,236	1,236	1,236	-	1,030	1,030	824	206	177,503	166,384	146,409	50,656
Simiyu	11,118	9,762	10,033	1,627	3,796	813	813	271	914,628	863,649	801,825	72,400
Geita	28,194	26,151	21,657	6,538	5,312	2,860	1,634	3,678	809,873	886,284	704,450	80,497
Songwe	2,870	1,545	2,207	441	31,567	26,269	26,269	5,298	212,582	189,624	167,108	36,865
<b>Mainland Tanzania</b>	<b>390,245</b>	<b>323,383</b>	<b>305,372</b>	<b>62,666</b>	<b>643,893</b>	<b>321,247</b>	<b>240,465</b>	<b>64,986</b>	<b>20,462,348</b>	<b>19,554,150</b>	<b>17,280,613</b>	<b>1,916,620</b>
Kaskazini Unguja	870	609	783	174	2,958	2,610	2,001	870	26,103	24,014	22,709	2,175
Kusini Unguja	157	78	78	78	1,256	1,020	549	549	21,899	21,820	20,015	1,648
Mjini Magharibi	677	564	564	113	2,708	2,708	339	113	32,158	28,886	24,711	1,354
Kaskazini Pemba	-	-	-	-	595	446	149	446	38,521	35,992	31,977	4,313
Kusini Pemba	1,614	1,027	1,467	-	-	-	-	-	29,782	28,902	26,114	2,347
<b>Tanzania Zanzibar</b>	<b>3,318</b>	<b>2,278</b>	<b>2,892</b>	<b>365</b>	<b>7,517</b>	<b>6,784</b>	<b>3,038</b>	<b>1,978</b>	<b>148,463</b>	<b>139,614</b>	<b>125,526</b>	<b>11,837</b>
<b>Tanzania</b>	<b>393,563</b>	<b>325,661</b>	<b>308,264</b>	<b>63,031</b>	<b>651,410</b>	<b>328,031</b>	<b>243,503</b>	<b>66,964</b>	<b>20,610,811</b>	<b>19,693,764</b>	<b>17,406,139</b>	<b>1,928,457</b>

**Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Tick Borne Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	41,711	14,646	3,944	559	-	-	371	99,679
Arusha	40,803	23,722	4,511	1,585	470	-	926	78,927
Kilimanjaro	33,257	11,542	2,436	-	403	766	-	85,887
Tanga	16,406	8,801	2,657	-	-	158	102	53,444
Morogoro	9,329	2,555	919	128	-	385	-	15,905
Pwani	4,775	1,573	218	-	127	-	-	4,736
Dar es Salaam	12,259	7,396	658	-	-	-	-	2,862
Lindi	749	491	-	-	-	-	-	1,454
Mtwara	691	434	80	104	-	-	-	1,048
Ruvuma	12,464	4,624	1,211	180	-	-	261	31,850
Iringa	12,307	1,876	498	-	-	-	-	11,580
Mbeya	33,124	11,089	1,070	369	-	-	354	70,246
Singida	19,341	19,465	5,306	239	227	260	-	78,560
Tabora	39,117	24,376	4,120	795	644	-	650	52,007
Rukwa	28,707	16,882	700	843	-	286	141	24,582
Kigoma	6,126	2,510	472	595	-	-	218	11,978
Shinyanga	18,465	9,961	1,649	385	-	-	166	50,530
Kagera	5,379	7,350	722	-	-	-	172	24,848
Mwanza	13,454	9,549	1,533	342	-	-	-	94,181
Mara	26,998	10,290	1,335	508	276	251	207	62,889
Manyara	40,232	16,249	2,514	1,027	-	515	812	91,700
Njombe	13,190	4,149	197	-	-	-	-	11,209
Katavi	1,361	3,806	176	-	-	-	-	9,804
Simiyu	13,432	7,677	1,796	550	300	449	537	56,269
Geita	17,965	8,642	3,307	1,155	-	-	487	42,500
Songwe	39,381	8,204	1,135	249	223	323	249	43,576
<b>Mainland Tanzania</b>	<b>501,023</b>	<b>237,859</b>	<b>43,164</b>	<b>9,613</b>	<b>2,670</b>	<b>3,393</b>	<b>5,653</b>	<b>1,112,251</b>
Kaskazini Unguja	1,083	834	80	-	-	-	49	5,103
Kusini Unguja	2,064	292	113	-	-	57	-	3,450
Mjini Magharibi	1,695	1,905	624	-	-	-	-	5,273
Kaskazini Pemba	1,570	1,193	122	-	-	-	-	11,080
Kusini Pemba	2,616	1,012	150	-	-	-	142	15,417
<b>Tanzania Zanzibar</b>	<b>9,028</b>	<b>5,236</b>	<b>1,089</b>	<b>-</b>	<b>-</b>	<b>57</b>	<b>191</b>	<b>40,323</b>
<b>Tanzania</b>	<b>510,051</b>	<b>243,095</b>	<b>44,253</b>	<b>9,613</b>	<b>2,670</b>	<b>3,450</b>	<b>5,844</b>	<b>1,152,574</b>

**Cont... Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	CBPP Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	32,489	16,045	6,651	1,519	608	-	773	102,826
Arusha	38,336	29,314	4,944	1,669	97	636	1,160	74,787
Kilimanjaro	33,160	15,303	4,754	188	-	-	668	80,217
Tanga	12,968	7,299	2,209	-	-	158	332	58,602
Morogoro	9,973	2,821	824	-	126	-	-	15,478
Pwani	3,719	1,627	128	-	127	-	-	5,828
Dar es Salaam	9,115	6,439	-	-	-	-	-	7,622
Lindi	-	78	-	-	-	-	-	2,616
Mtwara	576	167	-	-	-	80	-	1,534
Ruvuma	6,486	1,724	-	-	-	-	507	41,873
Iringa	11,798	3,851	192	-	-	-	-	10,420
Mbeya	22,711	10,191	1,142	456	-	-	567	81,185
Singida	16,324	12,688	2,425	-	-	-	233	91,727
Tabora	37,018	24,180	5,391	194	684	214	-	54,028
Rukwa	19,303	11,857	1,415	-	-	-	-	39,566
Kigoma	2,262	3,004	762	-	-	279	218	15,374
Shinyanga	19,107	14,562	1,606	114	168	146	-	45,453
Kagera	5,847	5,395	374	-	-	-	-	26,856
Mwanza	9,047	4,968	564	-	187	-	197	104,091
Mara	10,574	6,647	2,609	628	166	-	153	81,979
Manyara	33,035	19,352	3,067	536	207	-	2,134	94,719
Njombe	9,253	5,104	296	-	-	-	-	14,092
Katavi	1,454	4,530	254	-	-	-	-	8,909
Simiyu	11,796	5,701	2,029	745	-	90	375	60,271
Geita	17,111	10,487	3,938	903	259	-	-	41,359
Songwe	32,591	6,669	455	-	223	-	249	53,153
<b>Mainland Tanzania</b>	<b>406,053</b>	<b>230,003</b>	<b>46,029</b>	<b>6,952</b>	<b>2,852</b>	<b>1,603</b>	<b>7,566</b>	<b>1,214,565</b>
Kaskazini Unguja	358	116	-	-	-	-	-	6,676
Kusini Unguja	862	462	-	-	57	57	-	4,538
Mjini Magharibi	538	861	335	-	-	-	52	7,712
Kaskazini Pemba	1,720	658	-	-	-	-	-	11,588
Kusini Pemba	881	522	-	-	-	-	142	17,792
<b>Tanzania Zanzibar</b>	<b>4,359</b>	<b>2,619</b>	<b>335</b>	<b>-</b>	<b>57</b>	<b>57</b>	<b>194</b>	<b>48,306</b>
<b>Tanzania</b>	<b>410,412</b>	<b>232,622</b>	<b>46,364</b>	<b>6,952</b>	<b>2,909</b>	<b>1,660</b>	<b>7,760</b>	<b>1,262,871</b>

**Cont... Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Lumpy Skin Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	22,051	9,145	5,377	887	-	371	633	122,445
Arusha	31,861	15,837	4,378	1,842	376	97	371	96,182
Kilimanjaro	24,294	11,528	754	403	70	-	-	97,241
Tanga	11,771	7,114	402	166	-	-	845	61,270
Morogoro	9,208	2,188	1,078	-	-	-	-	16,748
Pwani	3,949	855	-	-	-	-	-	6,625
Dar es Salaam	7,218	4,058	-	-	-	-	-	11,899
Lindi	-	78	-	-	-	-	-	2,616
Mtwara	255	319	-	-	128	-	-	1,656
Ruvuma	8,252	2,386	487	-	-	-	261	39,204
Iringa	8,804	2,664	192	-	-	-	-	14,601
Mbeya	19,756	6,200	2,538	130	-	-	547	87,081
Singida	18,188	11,053	2,690	-	-	-	217	91,250
Tabora	31,718	18,292	3,474	423	-	-	595	67,207
Rukwa	16,748	8,478	642	-	-	-	-	46,273
Kigoma	1,872	2,726	794	-	239	-	218	16,049
Shinyanga	8,461	8,004	520	136	-	-	168	63,866
Kagera	3,724	3,554	641	-	-	-	-	30,553
Mwanza	8,913	3,706	508	-	-	-	-	105,931
Mara	18,554	6,521	1,888	543	-	167	479	74,602
Manyara	23,885	14,223	2,571	286	207	370	1,499	110,009
Njombe	9,880	3,289	570	-	-	-	-	15,005
Katavi	1,683	3,399	88	-	-	-	-	9,978
Simiyu	11,210	5,650	1,933	745	-	151	375	60,944
Geita	14,450	7,643	3,734	903	-	-	-	47,326
Songwe	26,249	4,196	240	240	223	-	788	61,405
<b>Mainland Tanzania</b>	<b>342,954</b>	<b>163,106</b>	<b>35,499</b>	<b>6,704</b>	<b>1,243</b>	<b>1,156</b>	<b>6,996</b>	<b>1,357,966</b>
Kaskazini Unguja	1,254	695	148	-	-	-	52	5,001
Kusini Unguja	1,749	564	-	-	-	57	-	3,606
Mjini Magharibi	1,039	1,980	-	-	-	-	-	6,478
Kaskazini Pemba	1,217	1,568	-	-	-	-	-	11,181
Kusini Pemba	3,326	1,361	150	-	-	-	-	14,500
<b>Tanzania Zanzibar</b>	<b>8,585</b>	<b>6,168</b>	<b>298</b>	<b>-</b>	<b>-</b>	<b>57</b>	<b>52</b>	<b>40,766</b>
<b>Tanzania</b>	<b>351,539</b>	<b>169,274</b>	<b>35,797</b>	<b>6,704</b>	<b>1,243</b>	<b>1,213</b>	<b>7,048</b>	<b>1,398,732</b>



**Cont... Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease (FMD)							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	26,331	6,730	4,839	357	-	371	1,001	121,281
Arusha	24,873	12,045	3,572	1,824	590	303	977	106,759
Kilimanjaro	24,240	7,040	1,264	-	-	177	177	101,392
Tanga	9,195	6,444	326	-	-	-	-	65,603
Morogoro	8,638	2,416	557	-	-	-	-	17,611
Pwani	3,295	546	-	-	-	-	-	7,587
Dar es Salaam	5,708	3,400	-	-	-	-	619	13,447
Lindi	-	266	-	-	-	-	-	2,427
Mtwara	618	64	-	-	-	-	-	1,677
Ruvuma	4,602	1,682	432	-	-	-	261	43,613
Iringa	9,233	2,268	922	-	-	-	-	13,838
Mbeya	18,288	6,368	1,711	130	-	-	-	89,754
Singida	22,576	12,066	2,447	-	-	-	-	86,309
Tabora	26,029	18,441	2,501	194	446	-	595	73,503
Rukwa	14,224	9,224	888	-	-	-	-	47,806
Kigoma	2,396	2,527	472	-	265	-	218	16,021
Shinyanga	10,741	5,645	665	157	-	-	-	63,948
Kagera	6,208	4,918	374	-	-	-	291	26,680
Mwanza	6,052	4,291	571	372	187	-	-	107,586
Mara	13,377	5,726	3,405	86	334	-	-	79,827
Manyara	21,761	11,243	1,117	182	207	93	2,203	116,248
Njombe	11,458	3,284	420	-	-	-	-	13,583
Katavi	1,585	3,223	88	-	-	-	-	10,251
Simiyu	15,813	7,131	1,521	745	-	175	214	55,408
Geita	16,096	9,825	3,661	903	-	-	-	43,570
Songwe	27,106	5,244	488	-	223	-	1,172	59,107
<b>Mainland Tanzania</b>	<b>330,443</b>	<b>152,057</b>	<b>37,191</b>	<b>4,950</b>	<b>2,252</b>	<b>1,119</b>	<b>7,728</b>	<b>1,384,836</b>
Kaskazini Unguja	1,129	370	74	-	-	-	74	5,503
Kusini Unguja	860	121	70	-	-	-	-	4,925
Mjini Magharibi	97	731	290	-	-	-	-	8,378
Kaskazini Pemba	836	336	-	-	-	-	-	12,793
Kusini Pemba	225	557	-	-	-	-	166	18,389
<b>Tanzania Zanzibar</b>	<b>3,147</b>	<b>2,115</b>	<b>434</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>240</b>	<b>49,988</b>
<b>Tanzania</b>	<b>333,590</b>	<b>154,172</b>	<b>37,625</b>	<b>4,950</b>	<b>2,252</b>	<b>1,119</b>	<b>7,968</b>	<b>1,434,824</b>

**Cont... Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Black Quarter Disease							
	Year of Last Vaccination							
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated
Dodoma	9,522	3,431	2,833	656	-	371	342	143,755
Arusha	12,811	9,200	3,421	1,682	565	241	171	122,853
Kilimanjaro	11,741	1,758	166	-	-	156	574	119,897
Tanga	3,808	1,548	462	-	-	-	285	75,464
Morogoro	3,995	1,035	179	-	-	-	378	23,634
Pwani	1,483	-	109	-	-	-	-	9,837
Dar es Salaam	4,469	3,710	-	-	-	-	-	14,996
Lindi	-	-	-	-	-	-	-	2,694
Mtwara	-	64	-	-	-	-	-	2,294
Ruvuma	4,700	3,188	288	-	-	-	261	42,153
Iringa	7,508	2,045	192	-	-	-	-	16,517
Mbeya	12,085	3,681	1,327	130	-	-	-	99,028
Singida	8,588	6,519	1,223	-	-	-	-	107,066
Tabora	22,989	12,369	1,423	402	-	-	259	84,267
Rukwa	2,164	7,654	-	-	-	-	-	62,323
Kigoma	1,420	932	233	357	-	218	-	18,740
Shinyanga	4,650	3,043	300	-	-	-	206	72,956
Kagera	1,835	1,713	374	-	-	-	-	34,549
Mwanza	4,770	1,300	-	-	-	-	-	112,988
Mara	2,536	2,765	647	667	453	-	904	94,783
Manyara	9,750	8,888	264	182	207	93	2,834	130,832
Njombe	8,771	4,329	594	-	-	-	-	15,054
Katavi	878	3,051	88	-	-	-	-	11,130
Simiyu	4,951	4,621	1,521	745	-	296	215	68,659
Geita	7,710	5,599	3,135	903	-	-	-	56,708
Songwe	18,632	5,710	697	-	223	-	411	67,668
Mainland Tanzania	171,766	98,153	19,476	5,724	1,448	1,375	6,840	1,610,845
Kaskazini Unguja	819	432	-	-	-	49	49	5,800
Kusini Unguja	809	731	57	57	-	-	-	4,322
Mjini Magharibi	440	1,056	44	-	-	-	-	7,956
Kaskazini Pemba	181	522	-	-	-	-	122	13,140
Kusini Pemba	-	370	-	-	-	-	-	18,967
Tanzania Zanzibar	2,249	3,111	101	57	-	49	171	50,185
Tanzania	174,015	101,264	19,577	5,781	1,448	1,424	7,011	1,661,030

**Cont... Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Anthrax Disease							
	Year of Last Vaccination							
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated
Dodoma	7,406	2,030	3,057	357	-	371	355	147,334
Arusha	28,091	17,720	7,956	2,395	402	160	713	93,506
Kilimanjaro	21,596	11,649	5,980	624	1,543	526	366	92,007
Tanga	3,125	2,575	673	-	-	-	-	75,194
Morogoro	3,568	1,227	390	-	-	-	126	23,911
Pwani	688	-	-	-	-	-	127	10,614
Dar es Salaam	9,286	2,471	-	-	-	-	-	11,418
Lindi	-	-	-	-	-	-	-	2,694
Mtwara	-	64	-	-	-	-	140	2,154
Ruvuma	3,931	1,462	288	-	-	-	535	44,374
Iringa	5,585	1,023	192	-	-	-	-	19,461
Mbeya	8,843	2,521	963	281	206	-	568	102,870
Singida	9,260	8,033	1,992	-	-	260	345	103,507
Tabora	24,288	13,091	1,409	194	-	-	352	82,375
Rukwa	2,766	7,978	377	-	-	-	-	61,021
Kigoma	1,530	932	690	357	218	-	-	18,173
Shinyanga	4,544	3,158	600	-	300	-	-	72,553
Kagera	740	4,182	803	-	-	-	-	32,746
Mwanza	4,379	2,572	313	-	195	-	-	111,599
Mara	537	518	684	-	-	-	520	100,495
Manyara	8,405	8,532	724	182	207	93	2,438	132,469
Njombe	8,358	4,992	420	-	-	-	111	14,864
Katavi	1,049	2,814	88	-	-	-	-	11,196
Simiyu	5,245	4,298	1,521	745	326	-	161	68,713
Geita	7,441	6,030	3,135	903	-	258	413	55,875
Songwe	14,083	3,790	479	-	223	-	-	74,765
<b>Mainland Tanzania</b>	<b>184,744</b>	<b>113,662</b>	<b>32,734</b>	<b>6,038</b>	<b>3,620</b>	<b>1,668</b>	<b>7,270</b>	<b>1,565,888</b>
Kaskazini Unguja	171	394	48	-	-	-	49	6,488
Kusini Unguja	691	265	-	-	-	-	-	5,020
Mjini Magharibi	94	669	45	-	-	-	-	8,689
Kaskazini Pemba	-	606	-	-	-	-	-	13,359
Kusini Pemba	221	-	-	-	-	-	-	19,117
<b>Tanzania Zanzibar</b>	<b>1,177</b>	<b>1,934</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>49</b>	<b>52,673</b>
<b>Tanzania</b>	<b>185,921</b>	<b>115,596</b>	<b>32,827</b>	<b>6,038</b>	<b>3,620</b>	<b>1,668</b>	<b>7,319</b>	<b>1,618,561</b>

**Cont... Table 4.16: Number of Agricultural Household Reported Year of Last Vaccination by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Brucellosis Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	9,148	2,446	3,277	656	-	371	-	145,012
Arusha	12,885	9,284	3,290	1,599	480	286	410	122,709
Kilimanjaro	15,247	4,418	166	-	-	-	298	114,161
Tanga	4,660	2,935	690	-	-	-	437	72,846
Morogoro	3,763	691	305	-	126	-	-	24,337
Pwani	1,596	-	-	-	-	-	-	9,833
Dar es Salaam	4,469	3,710	-	929	-	-	-	14,067
Lindi	-	-	225	-	-	-	-	2,469
Mtwara	-	-	64	-	-	-	-	2,294
Ruvuma	3,835	1,313	288	-	-	-	601	44,553
Iringa	6,360	611	192	-	-	-	-	19,098
Mbeya	10,648	2,928	360	130	-	-	166	102,019
Singida	7,767	6,676	709	-	-	-	-	108,245
Tabora	23,645	11,790	1,417	849	-	-	855	83,154
Rukwa	2,537	7,198	165	-	-	-	-	62,240
Kigoma	1,175	932	233	357	297	218	-	18,688
Shinyanga	2,969	3,496	446	-	-	-	156	74,088
Kagera	1,742	2,775	1,177	267	-	-	-	32,510
Mwanza	3,976	939	-	-	-	-	-	114,143
Mara	3,537	3,843	749	-	168	-	478	93,980
Manyara	9,048	10,562	105	182	207	-	2,036	130,910
Njombe	6,015	2,902	420	-	-	-	183	19,228
Katavi	854	3,326	88	-	-	-	-	10,879
Simiyu	5,815	4,264	1,681	745	-	-	510	67,992
Geita	9,976	6,474	3,734	903	-	-	-	52,969
Songwe	19,204	4,008	2,503	-	223	-	485	66,917
<b>Mainland Tanzania</b>	<b>170,871</b>	<b>97,521</b>	<b>22,284</b>	<b>6,617</b>	<b>1,501</b>	<b>875</b>	<b>6,615</b>	<b>1,609,341</b>
Kaskazini Unguja	104	180	-	-	-	-	-	6,866
Kusini Unguja	334	52	69	-	-	-	-	5,521
Mjini Magharibi	394	716	-	-	-	-	-	8,387
Kaskazini Pemba	352	254	-	-	-	-	-	13,359
Kusini Pemba	667	221	152	-	-	-	-	18,297
<b>Tanzania Zanzibar</b>	<b>1,851</b>	<b>1,423</b>	<b>221</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>52,430</b>
<b>Tanzania</b>	<b>172,722</b>	<b>98,944</b>	<b>22,505</b>	<b>6,617</b>	<b>1,501</b>	<b>875</b>	<b>6,615</b>	<b>1,661,771</b>

**Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Tick Borne Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	11,608	32,281	-	920	15,265	100,837
Arusha	15,203	58,718	211	2,860	2,456	71,496
Kilimanjaro	21,102	20,081	271	414	16,515	75,907
Tanga	5,089	17,935	-	846	6,083	51,615
Morogoro	6,558	4,829	173	338	1,431	15,892
Pwani	3,227	2,146	-	481	583	4,993
Dar es Salaam	13,488	6,825	-	-	-	2,862
Lindi	78	937	-	-	225	1,454
Mtwara	319	555	234	-	202	1,048
Ruvuma	4,052	10,933	151	1,190	2,677	31,587
Iringa	1,777	11,349	-	-	1,429	11,706
Mbeya	17,671	21,293	304	1,142	6,909	68,932
Singida	5,324	32,368	888	1,021	5,599	78,197
Tabora	6,896	42,808	367	7,281	11,187	53,171
Rukwa	8,271	27,521	133	706	10,863	24,646
Kigoma	5,493	2,747	-	514	2,923	10,222
Shinyanga	2,999	18,141	2,255	1,279	814	55,667
Kagera	856	11,536	-	-	579	25,502
Mwanza	8,318	11,727	1,196	209	3,496	94,111
Mara	13,190	7,992	451	871	19,369	60,882
Manyara	8,954	35,558	417	723	13,033	94,365
Njombe	2,086	15,298	-	-	424	10,938
Katavi	1,428	2,893	83	-	983	9,759
Simiyu	5,986	14,028	-	444	3,408	57,141
Geita	3,377	26,496	-	724	5,078	38,381
Songwe	10,719	27,640	1,662	1,337	11,799	40,184
<b>Mainland Tanzania</b>	<b>184,069</b>	<b>464,635</b>	<b>8,796</b>	<b>23,300</b>	<b>143,330</b>	<b>1,091,495</b>
Kaskazini Unguja	1,140	1,089	-	-	67	4,854
Kusini Unguja	809	1,328	-	-	469	3,370
Mjini Magharibi	2,149	396	-	290	1,169	5,493
Kaskazini Pemba	130	2,711	-	-	151	10,973
Kusini Pemba	1,489	2,166	-	-	123	15,559
<b>Tanzania Zanzibar</b>	<b>5,717</b>	<b>7,690</b>	<b>-</b>	<b>290</b>	<b>1,979</b>	<b>40,249</b>
<b>Tanzania</b>	<b>189,786</b>	<b>472,325</b>	<b>8,796</b>	<b>23,590</b>	<b>145,309</b>	<b>1,131,744</b>

**Cont... Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	CBPP Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	5,978	42,807	-	1,974	9,168	100,982
Arusha	12,441	65,350	443	1,945	1,464	69,301
Kilimanjaro	20,238	28,006	98	784	11,428	73,736
Tanga	4,843	13,510	156	-	4,188	58,871
Morogoro	6,764	5,717	-	-	411	16,331
Pwani	2,134	2,389	-	-	710	6,196
Dar es Salaam	10,191	5,362	-	-	-	7,622
Lindi	-	78	-	-	-	2,616
Mtwara	255	749	-	64	-	1,290
Ruvuma	1,488	6,142	151	180	725	41,903
Iringa	2,051	13,636	-	-	493	10,081
Mbeya	14,180	18,001	-	1,554	2,418	80,098
Singida	2,984	26,025	-	360	3,078	90,949
Tabora	4,425	46,942	367	8,442	6,756	54,777
Rukwa	4,381	24,387	-	-	3,224	40,154
Kigoma	2,844	2,066	-	514	1,038	15,437
Shinyanga	2,253	24,185	2,214	1,559	229	50,716
Kagera	563	10,115	-	-	1,744	26,049
Mwanza	4,527	7,213	160	403	2,745	104,009
Mara	6,335	4,609	-	473	8,832	82,505
Manyara	6,296	43,662	417	551	6,287	95,837
Njombe	1,968	12,443	-	-	124	14,211
Katavi	1,809	3,053	83	87	1,549	8,565
Simiyu	2,961	15,926	-	-	1,774	60,347
Geita	3,375	28,909	-	-	1,103	40,668
Songwe	8,186	28,572	2,137	1,114	5,857	47,474
<b>Mainland Tanzania</b>	<b>133,470</b>	<b>479,854</b>	<b>6,226</b>	<b>20,004</b>	<b>75,345</b>	<b>1,200,725</b>
Kaskazini Unguja	314	209	-	-	-	6,628
Kusini Unguja	234	1,091	-	-	-	4,651
Mjini Magharibi	1,253	526	-	-	43	7,675
Kaskazini Pemba	406	1,897	-	-	-	11,662
Kusini Pemba	166	947	-	-	-	18,224
<b>Tanzania Zanzibar</b>	<b>2,373</b>	<b>4,670</b>	<b>-</b>	<b>-</b>	<b>43</b>	<b>48,840</b>
<b>Tanzania</b>	<b>135,843</b>	<b>484,524</b>	<b>6,226</b>	<b>20,004</b>	<b>75,388</b>	<b>1,249,565</b>

**Cont... Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Lumpy Skin Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not applicable
Dodoma	3,087	27,000	-	920	7,113	122,790
Arusha	10,657	48,718	337	1,488	1,767	87,976
Kilimanjaro	15,418	17,095	98	150	11,672	89,858
Tanga	4,809	10,875	-	597	3,117	62,170
Morogoro	6,137	4,967	179	-	903	17,035
Pwani	2,203	1,739	-	-	715	6,772
Dar es Salaam	7,714	4,182	1,181	-	-	10,099
Lindi	78	-	-	-	-	2,616
Mtwara	574	363	-	-	-	1,420
Ruvuma	2,302	8,640	151	619	457	38,421
Iringa	1,957	9,702	-	-	-	14,601
Mbeya	12,921	13,437	304	1,142	2,613	85,834
Singida	6,552	20,212	-	1,179	3,953	91,502
Tabora	4,399	36,132	450	7,676	6,523	66,530
Rukwa	4,734	17,061	286	195	4,961	44,904
Kigoma	1,740	1,274	-	514	2,388	15,983
Shinyanga	281	14,951	874	311	229	64,510
Kagera	924	7,658	-	-	-	29,889
Mwanza	6,798	4,578	-	209	1,199	106,274
Mara	10,765	3,861	-	662	13,047	74,419
Manyara	6,323	29,396	680	738	5,780	110,133
Njombe	1,968	11,593	-	-	229	14,956
Katavi	1,651	2,683	83	-	763	9,967
Simiyu	5,101	12,904	-	161	2,211	60,632
Geita	2,719	23,768	219	508	3,157	43,685
Songwe	6,392	23,626	2,851	780	3,876	55,814
<b>Mainland Tanzania</b>	<b>128,204</b>	<b>356,415</b>	<b>7,693</b>	<b>17,849</b>	<b>76,673</b>	<b>1,328,790</b>
Kaskazini Unguja	904	1,240	-	-	103	4,903
Kusini Unguja	406	1,767	-	-	194	3,609
Mjini Magharibi	1,511	670	-	-	1,026	6,291
Kaskazini Pemba	89	2,305	-	-	331	11,240
Kusini Pemba	1,018	3,595	-	-	224	14,500
<b>Tanzania Zanzibar</b>	<b>3,928</b>	<b>9,577</b>	<b>-</b>	<b>-</b>	<b>1,878</b>	<b>40,543</b>
<b>Tanzania</b>	<b>132,132</b>	<b>365,992</b>	<b>7,693</b>	<b>17,849</b>	<b>78,551</b>	<b>1,369,333</b>

**Cont... Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot Mouth Disease (FMD)					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	3,778	23,599	-	1,322	9,870	122,341
Arusha	8,414	40,228	412	1,793	1,831	98,265
Kilimanjaro	15,174	12,452	98	150	11,608	94,809
Tanga	3,168	9,334	-	223	3,185	65,658
Morogoro	5,459	5,634	-	159	818	17,151
Pwani	1,457	1,282	-	-	735	7,956
Dar es Salaam	6,204	4,704	-	-	-	12,267
Lindi	-	266	-	-	-	2,427
Mtwara	255	192	234	-	-	1,677
Ruvuma	1,797	4,492	151	468	175	43,506
Iringa	1,586	9,621	-	-	1,217	13,838
Mbeya	11,768	14,329	-	1,142	655	88,358
Singida	5,574	24,698	540	204	6,738	85,643
Tabora	3,419	33,506	513	6,945	5,285	72,041
Rukwa	3,942	14,966	-	512	4,461	48,260
Kigoma	1,611	1,978	279	514	1,729	15,789
Shinyanga	2,036	12,171	533	133	1,008	65,274
Kagera	1,719	10,234	-	-	1,416	25,103
Mwanza	4,339	5,268	-	209	2,601	106,642
Mara	6,508	4,845	-	317	11,292	79,792
Manyara	5,073	24,289	875	-	9,877	112,935
Njombe	2,199	13,475	-	-	260	12,812
Katavi	1,629	2,811	83	66	935	9,622
Simiyu	7,829	11,925	691	843	4,409	55,310
Geita	3,738	24,986	-	508	4,285	40,539
Songwe	8,416	25,840	2,227	835	4,506	51,517
<b>Mainland Tanzania</b>	<b>117,092</b>	<b>337,125</b>	<b>6,636</b>	<b>16,343</b>	<b>88,896</b>	<b>1,349,532</b>
Kaskazini Unguja	736	859	-	-	52	5,503
Kusini Unguja	140	857	-	-	-	4,979
Mjini Magharibi	865	47	-	-	340	8,245
Kaskazini Pemba	-	962	-	-	-	13,003
Kusini Pemba	150	446	-	-	187	18,555
<b>Tanzania Zanzibar</b>	<b>1,891</b>	<b>3,171</b>	<b>-</b>	<b>-</b>	<b>579</b>	<b>50,285</b>
<b>Tanzania</b>	<b>118,983</b>	<b>340,296</b>	<b>6,636</b>	<b>16,343</b>	<b>89,475</b>	<b>1,399,817</b>



**Cont... Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Brucellosis Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	1,274	10,926	-	1,206	2,833	144,670
Arusha	5,906	31,504	151	686	848	111,848
Kilimanjaro	11,186	9,158	-	150	6,527	107,269
Tanga	1,453	7,387	-	-	970	71,757
Morogoro	2,807	1,822	-	-	385	24,208
Pwani	456	1,019	-	-	237	9,717
Dar es Salaam	7,133	4,433	-	-	-	11,609
Lindi	-	225	-	-	-	2,469
Mtwara	-	298	-	-	-	2,060
Ruvuma	1,278	3,943	151	468	-	44,749
Iringa	803	6,556	-	126	-	18,775
Mbeya	8,723	4,903	-	943	747	100,936
Singida	1,733	12,331	-	-	1,841	107,492
Tabora	2,799	26,801	-	6,770	3,509	81,830
Rukwa	1,813	7,556	-	-	399	62,372
Kigoma	1,424	1,552	-	514	-	18,409
Shinyanga	-	7,342	206	157	-	73,451
Kagera	-	6,662	-	-	-	31,809
Mwanza	1,741	2,352	329	209	479	113,948
Mara	2,364	915	-	-	5,697	93,779
Manyara	2,537	18,079	260	-	834	131,345
Njombe	1,855	7,841	-	-	124	18,925
Katavi	1,279	2,819	83	66	111	10,789
Simiyu	596	11,467	161	161	579	68,045
Geita	1,563	18,874	-	508	2,323	50,788
Songwe	5,534	23,140	694	723	4,836	58,413
<b>Mainland Tanzania</b>	<b>66,257</b>	<b>229,905</b>	<b>2,035</b>	<b>12,687</b>	<b>33,279</b>	<b>1,571,462</b>
Kaskazini Unguja	156	317	-	-	-	6,677
Kusini Unguja	55	277	-	-	-	5,644
Mjini Magharibi	775	338	-	-	43	8,341
Kaskazini Pemba	-	606	-	-	-	13,359
Kusini Pemba	225	964	-	-	-	18,148
<b>Tanzania Zanzibar</b>	<b>1,211</b>	<b>2,502</b>	<b>-</b>	<b>-</b>	<b>43</b>	<b>52,169</b>
<b>Tanzania</b>	<b>67,468</b>	<b>232,407</b>	<b>2,035</b>	<b>12,687</b>	<b>33,322</b>	<b>1,623,631</b>

**Cont... Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Black Quarter Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	454	12,067	300	920	3,204	143,965
Arusha	4,526	31,355	245	816	562	113,440
Kilimanjaro	8,405	7,379	247	-	2,767	115,493
Tanga	637	4,928	143	-	892	74,967
Morogoro	2,941	2,130	-	-	211	23,940
Pwani	862	730	-	-	-	9,837
Dar es Salaam	5,024	4,945	-	-	-	13,207
Lindi	-	-	-	-	-	2,694
Mtwara	64	234	-	-	-	2,060
Ruvuma	1,251	6,360	151	468	350	42,009
Iringa	1,344	7,934	-	-	-	16,982
Mbeya	8,653	8,165	-	943	864	97,627
Singida	882	13,894	-	330	996	107,296
Tabora	2,324	26,281	-	6,540	3,612	82,952
Rukwa	1,196	8,247	-	-	374	62,324
Kigoma	1,372	1,552	-	514	-	18,461
Shinyanga	300	6,387	619	474	114	73,262
Kagera	-	5,027	-	-	-	33,445
Mwanza	2,371	3,533	-	209	-	112,945
Mara	204	1,418	420	-	4,293	96,420
Manyara	1,542	18,878	260	-	355	132,014
Njombe	2,081	11,869	-	-	124	14,671
Katavi	1,238	2,529	83	-	177	11,119
Simiyu	1,126	10,478	-	161	623	68,620
Geita	235	17,590	177	508	1,535	54,010
Songwe	4,763	24,152	828	1,525	3,003	59,069
<b>Mainland Tanzania</b>	<b>53,795</b>	<b>238,062</b>	<b>3,473</b>	<b>13,408</b>	<b>24,056</b>	<b>1,582,829</b>
Kaskazini Unguja	801	769	-	-	72	5,508
Kusini Unguja	373	1,087	-	-	97	4,419
Mjini Magharibi	774	427	-	-	296	8,001
Kaskazini Pemba	-	756	-	-	-	13,209
Kusini Pemba	150	221	-	-	-	18,967
<b>Tanzania Zanzibar</b>	<b>2,098</b>	<b>3,260</b>	<b>-</b>	<b>-</b>	<b>465</b>	<b>50,104</b>
<b>Tanzania</b>	<b>55,893</b>	<b>241,322</b>	<b>3,473</b>	<b>13,408</b>	<b>24,521</b>	<b>1,632,933</b>

**Cont... Table 4.17: Number of Agricultural Households Reported Main Source of Vaccine by Cattle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Anthrax Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	454	10,118	-	154	2,915	147,268
Arusha	4,321	56,145	151	460	78	89,789
Kilimanjaro	11,242	30,755	98	150	3,632	88,414
Tanga	820	4,596	143	-	1,208	74,801
Morogoro	2,688	2,498	-	-	-	24,037
Pwani	678	369	-	-	-	10,382
Dar es Salaam	7,092	4,665	-	-	-	11,418
Lindi	-	-	-	-	-	2,694
Mtwara	64	-	-	-	-	2,294
Ruvuma	1,127	3,920	151	468	275	44,648
Iringa	884	5,839	-	-	493	19,045
Mbeya	7,026	6,018	-	943	659	101,607
Singida	2,536	15,186	-	664	1,318	103,692
Tabora	2,493	27,976	-	6,707	3,076	81,458
Rukwa	867	8,928	-	-	1,193	61,154
Kigoma	1,939	1,898	-	747	-	17,315
Shinyanga	-	8,441	206	-	114	72,396
Kagera	-	7,388	-	-	518	30,566
Mwanza	3,067	3,673	-	558	-	111,760
Mara	639	1,362	276	-	-	100,474
Manyara	556	18,497	260	-	300	133,436
Njombe	1,972	11,865	-	-	124	14,784
Katavi	1,391	2,503	83	-	177	10,992
Simiyu	790	10,328	-	161	623	69,106
Geita	498	17,317	177	508	-	55,556
Songwe	4,187	14,566	445	1,320	6,709	66,114
<b>Mainland Tanzania</b>	<b>57,331</b>	<b>274,851</b>	<b>1,990</b>	<b>12,840</b>	<b>23,412</b>	<b>1,545,200</b>
Kaskazini Unguja	196	394	-	-	72	6,488
Kusini Unguja	55	902	-	-	-	5,020
Mjini Magharibi	473	335	-	-	-	8,689
Kaskazini Pemba	-	606	-	-	-	13,359
Kusini Pemba	-	370	-	-	-	18,967
<b>Tanzania Zanzibar</b>	<b>724</b>	<b>2,607</b>	<b>-</b>	<b>-</b>	<b>72</b>	<b>52,523</b>
<b>Tanzania</b>	<b>58,055</b>	<b>277,458</b>	<b>1,990</b>	<b>12,840</b>	<b>23,484</b>	<b>1,597,723</b>

**Table 4.18: Number of Agricultural Households Raising Cattle by Method of Cattle Identification and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total Agricultural Households Raising Cattle	Method of Cattle Identification					
		Branding		Cattle Clan		Ear Notching	
		Number	Percent	Number	Percent	Number	Percent
Dodoma	160,910	65,400	40.6	19,666	12.2	56,738	35.3
Arusha	150,943	92,085	61.0	6,071	4.0	15,525	10.3
Kilimanjaro	134,290	20,838	15.5	9,604	7.2	20,722	15.4
Tanga	81,566	8,786	10.8	3,400	4.2	11,473	14.1
Morogoro	29,221	15,361	52.6	3,229	11.1	5,532	18.9
Pwani	11,429	3,387	29.6	540	4.7	2,293	20.1
Dar es Salaam	23,176	1,239	5.3	-	-	1,974	8.5
Lindi	2,694	1,284	47.7	-	-	225	8.4
Mtwara	2,359	714	30.3	586	24.8	-	-
Ruvuma	50,589	8,611	17.0	144	0.3	1,876	3.7
Iringa	26,261	5,714	21.8	2,333	8.9	4,228	16.1
Mbeya	116,252	22,880	19.7	1,534	1.3	4,220	3.6
Singida	123,398	67,054	54.3	239	0.2	16,520	13.4
Tabora	121,709	106,679	87.7	1,132	0.9	4,604	3.8
Rukwa	72,142	19,455	27.0	834	1.2	2,002	2.8
Kigoma	21,898	9,792	44.7	2,136	9.8	345	1.6
Shinyanga	81,156	64,912	80.0	1,394	1.7	299	0.4
Kagera	38,471	17,122	44.5	1,830	4.8	369	1.0
Mwanza	119,057	51,069	42.9	837	0.7	5,193	4.4
Mara	102,754	72,166	70.2	456	0.4	6,096	5.9
Manyara	153,048	121,183	79.2	2,380	1.6	8,012	5.2
Njombe	28,745	2,700	9.4	321	1.1	659	2.3
Katavi	15,147	12,734	84.1	-	-	1,073	7.1
Simiyu	81,008	68,811	84.9	1,524	1.9	1,432	1.8
Geita	74,056	50,609	68.3	-	-	219	0.3
Songwe	93,340	37,600	40.3	650	0.7	2,696	2.9
<b>Mainland Tanzania</b>	<b>1,915,619</b>	<b>948,185</b>	<b>49.5</b>	<b>60,840</b>	<b>3.2</b>	<b>174,325</b>	<b>9.1</b>
Kaskazini Unguja	7,150	48	0.7	-	-	-	-
Kusini Unguja	5,976	104	1.7	110	1.8	-	-
Mjini Magharibi	9,497	-	-	296	3.1	-	-
Kaskazini Pemba	13,966	-	-	-	-	112	0.8
Kusini Pemba	19,337	-	-	132	0.7	-	-
<b>Tanzania Zanzibar</b>	<b>55,926</b>	<b>152</b>	<b>0.3</b>	<b>538</b>	<b>1.0</b>	<b>112</b>	<b>0.2</b>
<b>Tanzania</b>	<b>1,971,545</b>	<b>948,337</b>	<b>48.1</b>	<b>61,378</b>	<b>3.1</b>	<b>174,437</b>	<b>8.8</b>

**Cont... Table 4.18: Number of Agricultural Households Raising Cattle by Method of Cattle Identification and Region During 2019/20 Agricultural Year, Tanzania**

Region	Method of Cattle Identification					
	Colour		Ear Tags		Others	
	Number	Percent	Number	Percent	Number	Percent
Dodoma	17,995	11.2	668	0.4	443	0.3
Arusha	23,311	15.4	13,167	8.7	784	0.5
Kilimanjaro	74,296	55.3	5,527	4.1	3,303	2.5
Tanga	49,061	60.1	6,140	7.5	2,706	3.3
Morogoro	3,690	12.6	456	1.6	953	3.3
Pwani	3,157	27.6	1,515	13.3	537	4.7
Dar es Salaam	12,684	54.7	1,510	6.5	5,769	24.9
Lindi	835	31.0	-	-	350	13.0
Mtwara	681	28.9	-	-	378	16.0
Ruvuma	38,642	76.4	549	1.1	767	1.5
Iringa	11,186	42.6	1,217	4.6	1,583	6.0
Mbeya	81,673	70.3	3,238	2.8	2,707	2.3
Singida	33,325	27.0	1,206	1.0	5,054	4.1
Tabora	5,984	4.9	499	0.4	2,811	2.3
Rukwa	49,851	69.1	-	-	-	-
Kigoma	6,682	30.5	-	-	2,943	13.4
Shinyanga	13,528	16.7	-	-	1,023	1.3
Kagera	13,089	34.0	2,119	5.5	3,942	10.2
Mwanza	56,379	47.4	2,763	2.3	2,816	2.4
Mara	21,692	21.1	472	0.5	1,872	1.8
Manyara	15,225	9.9	3,518	2.3	2,730	1.8
Njombe	23,153	80.5	1,912	6.7	-	-
Katavi	761	5.0	-	-	579	3.8
Simiyu	7,966	9.8	161	0.2	1,114	1.4
Geita	22,832	30.8	219	0.3	177	0.2
Songwe	47,930	51.3	706	0.8	3,758	4.0
<b>Mainland Tanzania</b>	<b>635,608</b>	<b>33.2</b>	<b>47,562</b>	<b>2.5</b>	<b>49,099</b>	<b>2.6</b>
Kaskazini Unguja	7,028	98.3	-	-	74	1.0
Kusini Unguja	5,593	93.6	112	1.9	57	1.0
Mjini Magharibi	8,888	93.6	-	-	313	3.3
Kaskazini Pemba	13,182	94.4	89	0.6	583	4.2
Kusini Pemba	18,634	96.4	273	1.4	298	1.5
<b>Tanzania Zanzibar</b>	<b>53,325</b>	<b>95.3</b>	<b>474</b>	<b>0.8</b>	<b>1,325</b>	<b>2.4</b>
<b>Tanzania</b>	<b>688,933</b>	<b>34.9</b>	<b>48,036</b>	<b>2.4</b>	<b>50,424</b>	<b>2.6</b>

**Table 4.19: Number of Agricultural Households Reported Cow Milk Production by Region During 2019/20 Agricultural Year, Tanzania**

Region	Produced Milk		Did Not Produce Milk		Total Number of Households Raised Cattle
	Number of Households	Percent	Number of Households	Percent	
Dodoma	102,825	63.9	58,085	36.1	160,910
Arusha	108,223	71.7	42,721	28.3	150,944
Kilimanjaro	63,766	47.5	70,524	52.5	134,290
Tanga	46,631	57.2	34,937	42.8	81,568
Morogoro	11,615	39.7	17,607	60.3	29,222
Pwani	9,312	81.5	2,117	18.5	11,429
Dar-es-Salaam	15,291	66.0	7,885	34.0	23,175
Lindi	1,073	39.8	1,621	60.2	2,694
Mtwara	331	14.0	2,026	85.9	2,358
Ruvuma	11,666	23.1	38,923	76.9	50,589
Iringa	11,794	44.9	14,467	55.1	26,261
Mbeya	55,599	47.8	60,653	52.2	116,252
Singida	60,394	48.9	63,003	51.1	123,397
Tabora	64,097	52.7	57,612	47.3	121,709
Rukwa	20,600	28.6	51,541	71.4	72,141
Kigoma	12,804	58.5	9,095	41.5	21,899
Shinyanga	51,253	63.2	29,902	36.8	81,156
Kagera	21,447	55.7	17,025	44.3	38,472
Mwanza	72,277	60.7	46,781	39.3	119,058
Mara	59,147	57.6	43,608	42.4	102,755
Manyara	98,463	64.3	54,586	35.7	153,050
Njombe	4,758	16.6	23,987	83.4	28,745
Katavi	4,754	31.4	10,393	68.6	15,147
Simiyu	54,599	67.4	26,409	32.6	81,008
Geita	46,833	63.2	27,222	36.8	74,056
Songwe	31,919	34.2	61,421	65.8	93,340
<b>Mainland Tanzania</b>	<b>1,041,471</b>	<b>54.4</b>	<b>874,151</b>	<b>45.6</b>	<b>1,915,625</b>
Kaskazini Unguja	3,061	42.8	4,089	57.2	7,150
Kusini Unguja	2,571	43.0	3,405	57.0	5,976
Mjini Magharibi	4,092	43.1	5,405	56.9	9,497
Kaskazini Pemba	5,204	37.3	8,761	62.7	13,965
Kusini Pemba	7,321	37.9	12,016	62.1	19,337
<b>Tanzania Zanzibar</b>	<b>22,249</b>	<b>39.8</b>	<b>33,676</b>	<b>60.2</b>	<b>55,925</b>
<b>Tanzania</b>	<b>1,063,720</b>	<b>54.0</b>	<b>907,827</b>	<b>46.0</b>	<b>1,971,550</b>

**Table 4.20: Number of Milked Cows by Category of Cattle, Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Wet Season			Dry Season			Total Number of Milked Cows
	Improved Breed	Indigenous	Total	Improved Breed	Indigenous	Total	
Dodoma	36,885	318,819	355,704	48,937	263,308	312,245	667,949
Arusha	57,698	355,307	413,005	42,279	170,441	212,720	625,725
Kilimanjaro	89,283	134,813	224,096	30,427	91,948	122,375	346,471
Tanga	57,536	238,615	296,151	49,064	151,076	200,140	496,291
Morogoro	35,132	109,563	144,695	14,886	111,349	126,235	270,930
Pwani	33,414	86,966	120,380	11,064	44,258	55,322	175,702
Dar-es-Salaam	6,141	3,388	9,529	20,965	2,118	23,083	32,612
Lindi	470	15,035	15,505	470	9,867	10,337	25,842
Mtwara	4,577	7,628	12,205	1,526	7,628	9,154	21,359
Ruvuma	27,640	18,427	46,067	19,136	41,106	60,242	106,309
Iringa	17,092	44,204	61,296	7,073	40,078	47,151	108,447
Mbeya	126,545	95,734	222,279	35,763	88,857	124,620	346,899
Singida	50,467	341,935	392,402	61,073	127,631	188,704	581,106
Tabora	34,592	285,166	319,758	24,709	231,388	256,097	575,855
Rukwa	7,465	77,208	84,673	5,894	45,185	51,079	135,752
Kigoma	35,224	110,563	145,787	34,245	69,469	103,714	249,501
Shinyanga	29,357	220,177	249,534	24,901	171,686	196,587	446,121
Kagera	39,599	133,937	173,536	22,129	103,655	125,784	299,320
Mwanza	30,077	198,667	228,744	34,035	156,322	190,357	419,101
Mara	9,689	245,554	255,243	4,706	166,656	171,362	426,605
Manyara	25,735	278,995	304,730	25,254	207,322	232,576	537,306
Njombe	300,916	4,255	305,171	8,509	4,641	13,150	318,321
Katavi	3,912	59,511	63,423	5,354	43,861	49,215	112,638
Simiyu	26,574	244,859	271,433	26,845	247,842	274,687	546,120
Geita	5,312	253,749	259,061	3,269	148,327	151,596	410,657
Songwe	2,870	70,640	73,510	1,987	85,209	87,196	160,706
<b>Mainland Tanzania</b>	<b>1,094,202</b>	<b>3,953,715</b>	<b>5,047,917</b>	<b>564,500</b>	<b>2,831,228</b>	<b>3,395,728</b>	<b>8,443,645</b>
Kaskazini Unguja	435	5,046	5,481	261	2,697	2,958	8,439
Kusini Unguja	1,805	4,395	6,200	1,962	2,669	4,631	10,831
Mjini Magharibi	4,175	5,868	10,043	3,836	6,545	10,381	20,424
Kaskazini Pemba	1,933	22,161	24,094	14,129	5,503	19,632	43,726
Kusini Pemba	3,081	6,895	9,976	2,641	4,841	7,482	17,458
<b>Tanzania Zanzibar</b>	<b>11,429</b>	<b>44,365</b>	<b>55,794</b>	<b>22,829</b>	<b>22,255</b>	<b>45,084</b>	<b>100,878</b>
<b>Tanzania</b>	<b>1,105,631</b>	<b>3,998,080</b>	<b>5,103,711</b>	<b>587,329</b>	<b>2,853,483</b>	<b>3,440,812</b>	<b>8,544,523</b>

**Table 4.21: Average Milk Production per Cow per Day (Improved) and Lactation Length by Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Average Milk Production per Cow per Day (Litres)		Average Number of Days Cows on Milked	
	Wet Season	Dry Season	Wet Season	Dry Season
Dodoma	6	9	107	121
Arusha	10	8	110	90
Kilimanjaro	8	8	113	104
Tanga	9	7	118	120
Morogoro	12	7	118	108
Pwani	9	6	127	152
Dar-es-Salaam	8	14	119	70
Lindi	5	5	90	90
Mtwara	2	3	113	105
Ruvuma	8	8	132	95
Iringa	9	7	134	97
Mbeya	9	8	130	120
Singida	9	4	120	133
Tabora	6	4	120	131
Rukwa	13	17	125	141
Kigoma	6	5	116	136
Shinyanga	11	8	128	134
Kagera	8	12	115	98
Mwanza	8	7	131	162
Mara	12	3	135	142
Manyara	8	7	128	108
Njombe	6	10	55	96
Katavi	7	13	59	80
Simiyu	9	5	121	102
Geita	3	2	127	95
Songwe	12	14	128	132
<b>Mainland Tanzania</b>	<b>8</b>	<b>8</b>	<b>116</b>	<b>114</b>
Kaskazini Unguja	6	5	90	90
Kusini Unguja	8	6	108	130
Mjini Magharibi	10	9	125	122
Kaskazini Pemba	10	7	88	86
Kusini Pemba	10	10	124	80
<b>Tanzania Zanzibar</b>	<b>9</b>	<b>7</b>	<b>107</b>	<b>102</b>
<b>Tanzania</b>	<b>9</b>	<b>8</b>	<b>120</b>	<b>118</b>



**Table 4.22: Average Milk Production per Cow per Day (Indigenous) and Lactation Length by Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Average Milk Production per Cow per Day (Litres)		Average Number of Days Cows Milked	
	Wet Season	Dry Season	Wet Season	Dry Season
Dodoma	3	3	113	102
Arusha	3	3	105	107
Kilimanjaro	3	3	108	111
Tanga	3	3	110	105
Morogoro	3	3	111	104
Pwani	3	3	112	101
Dar-es-Salaam	3	4	102	116
Lindi	3	4	110	104
Mtwara	3	4	120	107
Ruvuma	3	4	112	109
Iringa	3	3	110	95
Mbeya	3	3	114	107
Singida	3	3	113	104
Tabora	4	3	113	103
Rukwa	3	4	113	103
Kigoma	3	3	115	112
Shinyanga	3	3	108	101
Kagera	3	3	111	98
Mwanza	3	3	115	104
Mara	3	3	114	106
Manyara	3	3	113	104
Njombe	3	4	115	106
Katavi	3	4	111	103
Simiyu	3	3	113	103
Geita	3	3	112	106
Songwe	3	3	114	105
<b>Mainland Tanzania</b>	<b>3</b>	<b>3</b>	<b>112</b>	<b>105</b>
Kaskazini Unguja	3	3	108	103
Kusini Unguja	3	4	107	111
Mjini Magharibi	4	3	106	98
Kaskazini Pemba	3	3	106	104
Kusini Pemba	3	3	111	113
<b>Tanzania Zanzibar</b>	<b>3</b>	<b>3</b>	<b>108</b>	<b>106</b>
<b>Tanzania</b>	<b>5</b>	<b>4</b>	<b>112</b>	<b>104</b>

**Table 4.23: Cow Milk Production by Category of Cattle, Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Wet Season			Dry Season			Total Milk Production (Litres)
	Improved Breed (Litres)	Indigenous Breed (Litres)	Total (Litres)	Improved Breed (Litres)	Indigenous Breed (Litres)	Total (Litres)	
Dodoma	8,462,390	111,604,062	120,066,452	17,361,922	85,309,922	102,671,844	222,738,296
Arusha	40,282,109	113,965,185	154,247,294	36,385,011	57,275,641	93,660,652	247,907,946
Kilimanjaro	61,028,611	47,173,777	108,202,388	6,987,605	31,301,860	38,289,465	146,491,853
Tanga	32,646,179	88,924,807	121,570,986	19,129,820	50,819,067	69,948,887	191,519,873
Morogoro	46,985,835	39,170,245	86,156,080	3,114,803	34,823,752	37,938,555	124,094,635
Pwani	10,563,180	28,367,566	38,930,746	6,070,150	14,497,459	20,567,609	59,498,355
Dar-es-Salaam	1,874,575	950,417	2,824,992	28,258,185	883,498	29,141,683	31,966,675
Lindi	211,433	6,779,962	6,991,395	211,433	3,411,124	3,622,557	10,613,952
Mtwara	854,346	1,647,668	2,502,014	480,570	2,894,099	3,374,669	5,876,683
Ruvuma	15,854,985	6,491,252	22,346,237	8,139,757	14,184,510	22,324,267	44,670,504
Iringa	13,791,718	12,861,072	26,652,790	2,678,776	9,993,691	12,672,467	39,325,257
Mbeya	72,241,980	33,067,258	105,309,238	16,722,966	29,094,835	45,817,801	151,127,039
Singida	23,175,503	124,770,746	147,946,249	9,004,406	43,232,633	52,237,039	200,183,288
Tabora	8,125,911	109,153,591	117,279,502	8,074,459	74,851,312	82,925,771	200,205,273
Rukwa	1,844,743	30,212,524	32,057,267	1,541,215	15,421,185	16,962,400	49,019,667
Kigoma	10,332,273	36,540,144	46,872,417	11,819,495	23,169,341	34,988,836	81,861,253
Shinyanga	32,863,501	75,675,067	108,538,568	10,241,110	53,614,258	63,855,368	172,393,936
Kagera	20,282,657	49,426,092	69,708,749	16,298,335	31,583,410	47,881,745	117,590,494
Mwanza	11,363,201	70,591,505	81,954,706	8,393,089	51,951,431	60,344,520	142,299,226
Mara	4,818,071	86,543,121	91,361,192	903,873	55,730,471	56,634,344	147,995,536
Manyara	12,160,229	98,624,857	110,785,086	5,828,838	70,342,665	76,171,503	186,956,589
Njombe	77,432,086	1,179,683	78,611,769	5,025,451	1,731,620	6,757,071	85,368,840
Katavi	362,420	19,332,436	19,694,856	1,704,404	14,820,718	16,525,122	36,219,978
Simiyu	11,220,773	82,571,262	93,792,035	3,665,697	86,256,889	89,922,586	183,714,621
Geita	764,108	94,422,915	95,187,023	416,786	49,539,127	49,955,913	145,142,936
Songwe	1,206,177	22,887,780	24,093,957	559,380	27,053,329	27,612,709	51,706,666
<b>Mainland Tanzania</b>	<b>520,748,994</b>	<b>1,392,934,994</b>	<b>1,913,683,988</b>	<b>229,017,536</b>	<b>933,787,847</b>	<b>1,162,805,383</b>	<b>3,076,489,371</b>
Kaskazini Unguja	211,431	1,607,221	1,818,652	109,631	880,352	989,983	2,808,635
Kusini Unguja	1,293,898	1,388,164	2,682,062	559,865	976,330	1,536,195	4,218,257
Mjini Magharibi	3,821,217	2,022,825	5,844,042	3,097,369	2,045,505	5,142,874	10,986,916
Kaskazini Pemba	1,078,287	7,343,506	8,421,793	1,445,648	1,803,639	3,249,287	11,671,080
Kusini Pemba	2,342,052	2,234,662	4,576,714	473,721	1,715,314	2,189,035	6,765,749
<b>Tanzania Zanzibar</b>	<b>8,746,885</b>	<b>14,596,378</b>	<b>23,343,263</b>	<b>5,686,234</b>	<b>7,421,140</b>	<b>13,107,374</b>	<b>36,450,637</b>
<b>Tanzania</b>	<b>529,495,879</b>	<b>1,407,531,372</b>	<b>1,937,027,251</b>	<b>234,703,770</b>	<b>941,208,987</b>	<b>1,175,912,757</b>	<b>3,112,940,008</b>

**Table 4.24: Quantity of Cow Milk Consumed by Household, Sold and Average Price by Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Wet Season			Dry Season		
	Consumed by Household (Litres)	Sold (Litres)	Average Price (TZS/Litre)	Consumed by Household (Litres)	Sold (Litres)	Average Price (TZS/Litre)
Dodoma	31,317,634	9,341,789	919	11,704,260	5,350,164	965
Arusha	36,070,160	42,517,738	1,058	9,814,451	9,391,665	999
Kilimanjaro	9,198,134	31,602,357	1,076	3,532,003	11,930,367	1,024
Tanga	15,491,289	59,665,836	793	7,793,826	26,213,095	855
Morogoro	12,465,763	7,666,430	907	8,586,997	4,228,892	1,043
Pwani	2,991,370	27,103,790	997	1,379,952	7,271,079	1,071
Dar-es-Salaam	424,596	1,989,142	1,652	279,323	764,061	1,816
Lindi	124,511	410,651	1,500	82,224	317,150	1,000
Mtwara	88,486	1,597,323	2,000	79,332	1,575,964	2,000
Ruvuma	4,864,718	15,392,893	1,071	1,596,059	8,371,511	1,071
Iringa	5,028,083	15,992,499	1,055	3,017,086	3,641,839	1,151
Mbeya	15,538,942	19,644,237	916	9,711,804	10,894,178	893
Singida	19,391,546	7,737,967	1,108	9,094,736	2,143,401	1,108
Tabora	21,436,254	18,685,467	897	8,832,284	8,538,979	853
Rukwa	5,929,502	7,162,474	689	2,365,946	1,127,670	821
Kigoma	5,581,972	21,520,678	927	4,321,747	14,529,760	1,010
Shinyanga	22,682,678	31,385,433	1,172	12,782,843	3,148,792	1,094
Kagera	15,417,847	40,672,463	1,070	5,649,794	31,231,681	1,297
Mwanza	24,663,999	16,507,569	1,027	14,617,066	7,111,647	1,133
Mara	19,418,177	26,648,606	896	8,285,178	5,785,616	933
Manyara	23,555,145	6,455,375	1,091	11,172,561	7,948,722	1,079
Njombe	449,053	77,434,793	1,052	662,943	4,915,991	1,107
Katavi	3,065,745	3,589,607	544	2,160,930	420,078	1,375
Simiyu	30,830,252	4,544,396	905	15,405,771	1,100,916	876
Geita	16,986,898	16,903,132	815	7,472,731	1,085,687	855
Songwe	5,577,464	3,971,510	1,147	3,200,872	2,280,787	1,185
<b>Mainland Tanzania</b>	<b>348,590,218</b>	<b>516,144,155</b>	<b>1,049</b>	<b>163,602,719</b>	<b>181,319,692</b>	<b>1,101</b>
Kaskazini Unguja	297,221	1,074,903	1,476	82,397	485,333	1,717
Kusini Unguja	297,239	1,922,990	1,196	162,787	619,988	1,210
Mjini Magharibi	385,902	5,301,297	1,885	265,505	4,704,164	1,862
Kaskazini Pemba	640,279	1,604,342	1,253	593,727	532,451	1,525
Kusini Pemba	919,128	1,874,199	1,166	285,641	552,357	1,168
<b>Tanzania Zanzibar</b>	<b>2,539,769</b>	<b>11,777,731</b>	<b>1,395</b>	<b>1,390,057</b>	<b>6,894,293</b>	<b>1,496</b>
<b>Tanzania</b>	<b>351,129,987</b>	<b>527,921,886</b>	<b>1,105</b>	<b>164,992,776</b>	<b>188,213,985</b>	<b>1,164</b>

**Table 4.25: Number of Agricultural Household by Cow Milk Outlet and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sale							
	Neighbour	Local Market/Trade Store	Private Milk Collection Centres	Farmers Cooperative Milk Collection Centres	Farmers Organisation Milk Collection Centres	Large Scale Farm	Trader at Farm	Other
Dodoma	16,137	1,983	-	-	-	-	-	-
Arusha	16,977	14,196	2,861	-	-	365	6,601	1,120
Kilimanjaro	35,035	3,760	12,617	455	353	248	1,548	854
Tanga	25,684	6,940	4,843	1,914	1,905	-	5,450	948
Morogoro	4,682	644	-	-	-	-	886	173
Pwani	5,250	608	2,311	-	-	-	3,219	-
Dar es Salaam	13,406	3,104	968	3,716	-	-	-	-
Lindi	1,375	-	-	-	-	-	-	-
Mtwara	259	-	-	-	-	-	-	-
Ruvuma	12,007	301	467	-	-	-	-	-
Iringa	7,136	118	333	-	-	-	782	731
Mbeya	20,906	3,302	5,551	-	829	238	2,576	1,108
Singida	8,974	3,989	-	-	-	-	-	1,184
Tabora	6,072	877	1,125	-	-	-	1,897	499
Rukwa	4,601	-	-	-	-	-	2,195	-
Kigoma	5,161	3,024	3,589	-	-	-	-	-
Shinyanga	3,788	1,677	958	-	-	-	587	247
Kagera	9,635	3,982	-	-	-	-	-	-
Mwanza	6,971	6,541	865	-	-	188	6,048	1,124
Mara	14,922	4,656	918	167	-	162	1,672	334
Manyara	5,420	4,531	409	-	332	-	477	1,452
Njombe	2,293	399	3,065	-	-	-	294	-
Katavi	106	372	240	-	-	-	78	66
Simiyu	2,466	1,213	146	-	-	-	934	339
Geita	2,529	705	-	-	-	-	3,731	479
Songwe	7,556	1,143	687	445	-	-	242	-
<b>Mainland Tanzania</b>	<b>239,348</b>	<b>68,065</b>	<b>41,953</b>	<b>6,697</b>	<b>3,419</b>	<b>1,201</b>	<b>39,217</b>	<b>10,658</b>
Kaskazini Unguja	960	564	1,016	-	-	-	861	-
Kusini Unguja	778	277	608	-	108	111	1,405	-
Mjini Magharibi	2,518	-	185	-	-	262	5,356	51
Kaskazini Pemba	1,090	458	268	-	-	-	301	-
Kusini Pemba	2,192	785	746	-	-	-	316	-
<b>Tanzania Zanzibar</b>	<b>7,538</b>	<b>2,084</b>	<b>2,823</b>	<b>-</b>	<b>108</b>	<b>373</b>	<b>8,239</b>	<b>51</b>
<b>Tanzania</b>	<b>246,886</b>	<b>70,149</b>	<b>44,776</b>	<b>6,697</b>	<b>3,527</b>	<b>1,574</b>	<b>47,456</b>	<b>10,709</b>

# **GOAT PRODUCTION**

**Table 4.26: Number and Percentage of Agricultural Households Raising Goats by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Raising Goats		Not Raising Goats		Total Agricultural Households
	Number of Households	Percent	Number of Households	Percent	
Dodoma	144,117	28.3	366,031	71.7	510,148
Arusha	128,437	58.1	92,579	41.9	221,016
Kilimanjaro	111,481	37.9	182,830	62.1	294,311
Tanga	89,227	25.4	262,185	74.6	351,412
Morogoro	26,066	6.3	387,150	93.7	413,216
Pwani	13,711	6.3	204,210	93.7	217,921
Dar es Salaam	26,578	6.4	387,722	93.6	414,300
Lindi	14,316	6.2	215,348	93.8	229,664
Mtwara	27,079	8.9	277,955	91.1	305,034
Ruvuma	107,426	32.4	224,593	67.6	332,019
Iringa	20,036	9.6	189,449	90.4	209,485
Mbeya	41,147	10.8	339,491	89.2	380,638
Singida	78,556	28.8	194,105	71.2	272,661
Tabora	85,729	23.2	284,242	76.8	369,971
Rukwa	40,460	18.5	177,789	81.5	218,249
Kigoma	87,566	25.1	260,812	74.9	348,378
Shinyanga	66,322	32.4	138,605	67.6	204,927
Kagera	157,191	32.5	325,829	67.5	483,020
Mwanza	116,143	28.6	289,891	71.4	406,034
Mara	61,700	26.4	172,231	73.6	233,931
Manyara	122,140	44.9	150,087	55.1	272,227
Njombe	19,073	11.9	141,035	88.1	160,108
Katavi	12,834	16.7	64,033	83.3	76,867
Simiyu	51,243	28.4	129,446	71.6	180,689
Geita	76,586	28.5	192,555	71.5	269,141
Songwe	71,577	25.4	210,243	74.6	281,820
<b>Mainland Tanzania</b>	<b>1,796,741</b>	<b>23.5</b>	<b>5,860,446</b>	<b>76.5</b>	<b>7,657,187</b>
Kaskazini Unguja	2,437	2,437.0	29,157	92.3	31,594
Kusini Unguja	2,694	2,694.0	14,898	84.7	17,592
Mjini Magharibi	2,518	2,518.0	33,355	93.0	35,873
Kaskazini Pemba	2,858	2,858.0	37,922	93.0	40,780
Kusini Pemba	7,973	7,973.0	46,406	85.3	54,379
<b>Tanzania Zanzibar</b>	<b>18,480</b>	<b>10.3</b>	<b>161,738</b>	<b>89.7</b>	<b>180,218</b>
<b>Tanzania</b>	<b>1,815,221</b>	<b>23.2</b>	<b>6,022,184</b>	<b>76.8</b>	<b>7,837,405</b>

**Table 4.27: Number and Percentage of Goats by Goat Type and Region as of 1st August 2020, Tanzania**

Region	Indigenous			Improved Meat			Improved Dairy			Total Number of Goats
	Number of Households	Number of Goats	Percent	Number of Households	Number of Goats	Percent	Number of Households	Number of Goats	Percent	
Dodoma	143,727	1,659,908	99.8	1,391	3,575	0.2	-	-	-	1,663,483
Arusha	120,940	1,563,765	97.9	3,709	12,848	0.8	7,441	21,174	1.3	1,597,787
Kilimanjaro	97,426	1,061,579	93.5	8,870	30,048	2.6	13,222	44,290	3.9	1,135,917
Tanga	87,219	1,408,760	99	1,867	4,122	0.3	2,303	9,400	0.7	1,422,282
Morogoro	25,562	858,291	97.7	664	15,851	1.8	282	4,048	0.5	878,190
Pwani	13,103	614,303	94.5	820	9,554	1.5	733	26,228	4	650,085
Dar es Salaam	26,578	45,582	99.5	-	-	-	1,981	248	0.5	45,830
Lindi	14,316	502,307	100	-	-	-	-	-	-	502,307
Mtwara	26,852	421,596	96.8	202	548	0.1	226	13,489	3.1	435,633
Ruvuma	107,426	756,603	99.7	1,060	1,968	0.3	-	-	-	758,571
Iringa	19,127	450,902	97.7	391	662	0.1	518	9,817	2.1	461,381
Mbeya	39,696	474,668	98.9	951	3,310	0.7	392	1,979	0.4	479,957
Singida	78,556	989,342	98.9	862	1,931	0.2	828	8,823	0.9	1,000,096
Tabora	85,729	975,676	100	222	481	0	-	-	-	976,157
Rukwa	40,248	397,246	99.8	276	363	0.1	213	280	0.1	397,889
Kigoma	87,566	1,489,858	99.9	-	-	-	263	978	0.1	1,490,836
Shinyanga	66,029	942,889	99.9	293	466	0	293	466	0	943,821
Kagera	153,763	1,549,912	98.4	3,077	11,915	0.8	2,811	13,202	0.8	1,575,029
Mwanza	115,982	1,391,088	99.7	493	1,489	0.1	396	2,167	0.2	1,394,744
Mara	61,700	948,803	99.7	238	871	0.1	321	1,516	0.2	951,190
Manyara	121,666	2,348,974	98.7	1,284	1,915	0.1	695	29,183	1.2	2,380,072
Njombe	18,923	164,054	97.1	727	4,511	2.7	169	344	0.2	168,909
Katavi	12,742	386,737	100	-	-	-	-	-	-	386,737
Simiyu	50,920	957,825	99.7	750	2,485	0.3	-	-	-	960,310
Geita	76,586	1,241,552	99.9	-	-	-	550	1,252	0.1	1,242,804
Songwe	71,577	520,726	99.5	1,028	1,044	0.2	781	1,334	0.3	523,104
<b>Mainland Tanzania</b>	<b>1,763,959</b>	<b>24,122,946</b>	<b>98.8</b>	<b>29,175</b>	<b>109,957</b>	<b>0.5</b>	<b>34,418</b>	<b>190,218</b>	<b>0.8</b>	<b>24,423,121</b>
Kaskazini Unguja	2,385	17,254	95.8	51	765	4.2	-	-	-	18,019
Kusini Unguja	2,625	19,610	96.7	50	134	0.7	125	545	2.7	20,289
Mjini Magharibi	2,518	13,790	99.1	-	-	-	40	121	0.9	13,911
Kaskazini Pemba	2,858	19,494	100	-	-	-	-	-	-	19,494
Kusini Pemba	7,833	39,716	100	-	-	-	-	-	-	39,716
<b>Tanzania Zanzibar</b>	<b>18,219</b>	<b>109,864</b>	<b>492</b>	<b>101</b>	<b>899</b>	<b>5</b>	<b>165</b>	<b>666</b>	<b>4</b>	<b>111,429</b>
<b>Tanzania</b>	<b>1,782,178</b>	<b>24,232,810</b>	<b>590</b>	<b>29,276</b>	<b>110,856</b>	<b>5</b>	<b>34,583</b>	<b>190,884</b>	<b>4</b>	<b>24,534,550</b>

**Table 4.28: Number of Goats by Type, Category and Region as of 1st August 2020, Tanzania**

Region	Indigenous						Improved for Meat					
	Billy Goat	Castrated Goat	She Goat	Male Kid	She Kid	Total	Billy Goat	Castrated Goat	She Goat	Male Kid	She Kid	Total
Dodoma	258,897	43,288	911,000	205,033	241,690	1,659,908	642	-	2,934	-	-	3,576
Arusha	160,977	116,984	843,344	206,260	236,200	1,563,765	1,611	736	5,245	3,958	1,298	12,848
Kilimanjaro	144,679	45,695	586,546	144,382	140,277	1,061,579	8,237	464	14,578	4,138	2,631	30,048
Tanga	171,476	24,221	797,228	182,641	233,195	1,408,761	2,261	-	1,860	-	-	4,121
Morogoro	125,726	19,193	504,335	94,551	114,487	858,292	6,145	-	9,706	-	-	15,851
Pwani	79,183	17,246	319,125	97,663	101,086	614,303	3,254	-	-	4,108	2,192	9,554
Dar es Salaam	10,181	748	23,381	5,697	5,577	45,584	-	-	-	-	-	-
Lindi	70,647	1,218	310,808	40,570	79,063	502,306	-	-	-	-	-	-
Mtwara	64,559	-	220,112	52,493	84,432	421,596	548	-	-	-	-	548
Ruvuma	114,190	3,392	471,154	70,427	97,441	756,604	659	-	-	819	490	1,968
Iringa	89,803	-	243,935	57,755	59,409	450,902	662	-	-	-	-	662
Mbeya	78,837	13,473	250,584	58,491	73,283	474,668	1,914	997	399	-	-	3,310
Singida	180,126	12,492	525,106	123,976	147,642	989,342	1,931	-	-	-	-	1,931
Tabora	165,062	15,237	541,904	127,745	125,729	975,677	-	-	482	-	-	482
Rukwa	64,591	3,991	208,172	59,110	61,377	397,241	363	-	-	-	-	363
Kigoma	232,293	30,309	870,919	162,982	193,355	1,489,858	-	-	-	-	-	-
Shinyanga	159,976	13,985	519,297	123,819	125,811	942,888	466	-	-	-	-	466
Kagera	211,852	12,615	972,031	145,222	208,191	1,549,911	4,631	-	3,362	1,961	1,961	11,915
Mwanza	278,065	23,235	803,858	144,184	141,746	1,391,088	1,489	-	-	-	-	1,489
Mara	179,710	10,153	492,545	126,868	139,528	948,804	762	109	-	-	-	871
Manyara	422,772	75,906	1,185,737	288,239	376,318	2,348,972	224	506	707	204	274	1,915
Njombe	35,284	1,373	110,799	6,989	9,610	164,055	1,648	-	-	2,863	-	4,511
Katavi	58,144	10,019	206,400	51,754	60,421	386,738	-	-	-	-	-	-
Simiyu	180,085	12,949	496,644	130,767	137,380	957,825	1,681	-	617	-	186	2,484
Geita	191,250	3,280	672,405	180,375	194,242	1,241,552	-	-	-	-	-	-
Songwe	65,587	5,530	323,455	56,170	69,983	520,725	1,044	-	-	-	-	1,044
<b>Mainland Tanzania</b>	<b>3,793,952</b>	<b>516,532</b>	<b>13,410,824</b>	<b>2,944,163</b>	<b>3,457,473</b>	<b>24,122,944</b>	<b>40,172</b>	<b>2,812</b>	<b>39,890</b>	<b>18,051</b>	<b>9,032</b>	<b>109,957</b>
Kaskazini Unguja	2,579	-	10,002	2,338	2,336	17,255	139	-	278	139	209	765
Kusini Unguja	1,985	-	12,165	2,582	2,879	19,611	-	-	134	-	-	134
Mjini Magharibi	3,356	94	8,386	1,170	784	13,790	-	-	-	-	-	-
Kaskazini Pemba	2,019	-	11,120	2,087	4,268	19,494	-	-	-	-	-	-
Kusini Pemba	5,680	-	20,927	5,532	7,577	39,716	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>15,619</b>	<b>94</b>	<b>62,600</b>	<b>13,709</b>	<b>17,844</b>	<b>109,866</b>	<b>139</b>	<b>-</b>	<b>412</b>	<b>139</b>	<b>209</b>	<b>899</b>
<b>Tanzania</b>	<b>3,809,571</b>	<b>516,626</b>	<b>13,473,424</b>	<b>2,957,872</b>	<b>3,475,317</b>	<b>24,232,810</b>	<b>40,311</b>	<b>2,812</b>	<b>40,302</b>	<b>18,190</b>	<b>9,241</b>	<b>110,856</b>



Cont... Table 4.28: Total Number of Goats by Type, Category and Region as of 1st August 2020, Tanzania

Region	Improved Dairy						Total Goat					
	Billy Goat	Castrated Goat	She Goat	Male Kid	She Kid	Total	Billy Goat	Castrated Goat	She Goat	Male Kid	She Kid	Total
Dodoma	-	-	-	-	-	-	259,539	43,288	913,934	205,033	241,690	1,663,484
Arusha	1,765	573	13,647	2,237	2,953	21,175	164,353	118,293	862,236	212,455	240,451	1,597,788
Kilimanjaro	6,217	288	25,424	5,725	6,637	44,291	159,133	46,447	626,548	154,245	149,545	1,135,918
Tanga	837	-	6,868	867	827	9,399	174,574	24,221	805,956	183,508	234,022	1,422,281
Morogoro	823	-	3,225	-	-	4,048	132,694	19,193	517,266	94,551	114,487	878,191
Pwani	685	-	25,543	-	-	26,228	83,122	17,246	344,668	101,771	103,278	650,085
Dar es Salaam	-	-	248	-	-	248	10,181	748	23,629	5,697	5,577	45,832
Lindi	-	-	-	-	-	-	70,647	1,218	310,808	40,570	79,063	502,306
Mtwara	1,839	-	4,292	5,518	1,839	13,488	66,946	-	224,404	58,011	86,271	435,632
Ruvuma	-	-	-	-	-	-	114,849	3,392	471,154	71,246	97,931	758,572
Iringa	2,230	-	4,832	1,754	1,001	9,817	92,695	-	248,767	59,509	60,410	461,381
Mbeya	997	598	385	-	-	1,980	81,748	15,068	251,368	58,491	73,283	479,958
Singida	3,163	-	4,043	809	809	8,824	185,220	12,492	529,149	124,785	148,451	1,000,097
Tabora	-	-	-	-	-	-	165,062	15,237	542,386	127,745	125,729	976,159
Rukwa	280	-	-	-	-	280	65,234	3,991	208,172	59,110	61,377	397,884
Kigoma	978	-	-	-	-	978	233,271	30,309	870,919	162,982	193,355	1,490,836
Shinyanga	-	-	466	-	-	466	160,442	13,985	519,763	123,819	125,811	943,820
Kagera	871	-	12,331	-	-	13,202	217,354	12,615	987,724	147,183	210,152	1,575,028
Mwanza	810	1,357	-	-	-	2,167	280,364	24,592	803,858	144,184	141,746	1,394,744
Mara	440	-	1,076	-	-	1,516	180,912	10,262	493,621	126,868	139,528	951,191
Manyara	577	242	17,755	4,440	6,167	29,181	423,573	76,654	1,204,199	292,883	382,759	2,380,068
Njombe	-	-	344	-	-	344	36,932	1,373	111,143	9,852	9,610	168,910
Katavi	-	-	-	-	-	-	58,144	10,019	206,400	51,754	60,421	386,738
Simiyu	-	-	-	-	-	-	181,766	12,949	497,261	130,767	137,566	960,309
Geita	498	754	-	-	-	1,252	191,748	4,034	672,405	180,375	194,242	1,242,804
Songwe	252	-	-	1,082	-	1,334	66,883	5,530	323,455	57,252	69,983	523,103
<b>Mainland Tanzania</b>	<b>23,262</b>	<b>3,812</b>	<b>120,479</b>	<b>22,432</b>	<b>20,233</b>	<b>190,218</b>	<b>3,857,386</b>	<b>523,156</b>	<b>13,571,193</b>	<b>2,984,646</b>	<b>3,486,738</b>	<b>24,423,119</b>
Kaskazini Unguja	-	-	-	-	-	-	2,718	-	10,280	2,477	2,545	18,020
Kusini Unguja	94	-	451	-	-	545	2,079	-	12,750	2,582	2,879	20,290
Mjini Magharibi	-	-	81	40	-	121	3,356	94	8,467	1,210	784	13,911
Kaskazini Pemba	-	-	-	-	-	-	2,019	-	11,120	2,087	4,268	19,494
Kusini Pemba	-	-	-	-	-	-	5,680	-	20,927	5,532	7,577	39,716
<b>Tanzania Zanzibar</b>	<b>94</b>	<b>-</b>	<b>532</b>	<b>40</b>	<b>-</b>	<b>666</b>	<b>15,852</b>	<b>94</b>	<b>63,544</b>	<b>13,888</b>	<b>18,053</b>	<b>111,431</b>
<b>Tanzania</b>	<b>23,356</b>	<b>3,812</b>	<b>121,011</b>	<b>22,472</b>	<b>20,233</b>	<b>190,884</b>	<b>3,873,238</b>	<b>523,250</b>	<b>13,634,737</b>	<b>2,998,534</b>	<b>3,504,791</b>	<b>24,534,550</b>

**Table 4.29: Number and Percentage of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1st August 2020, Tanzania**

Herd Size	Households Rearing Goat		Heads of Goats		Average Number of Goats per Households
	Number	Percent	Number	Percent	
1 - 4	759,300	42.1	3,407,641	13.9	4
5 - 9	525,499	28.9	5,311,812	21.7	10
10 - 14	228,881	12.7	3,897,564	15.9	17
15 - 19	107,555	6.0	2,435,100	9.9	23
20 - 24	61,392	3.4	1,755,520	7.2	29
25 - 29	31,739	1.8	1,036,895	4.2	33
30 - 34	22,750	1.3	853,626	3.5	38
35 - 39	11,332	0.6	548,921	2.2	48
40+	60,931	3.4	5,287,471	21.6	87
<b>Total</b>	<b>1,809,379</b>	<b>100.0</b>	<b>24,534,550</b>	<b>100.0</b>	<b>14</b>

**Table 4.30: Number and Percentage of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1st August 2020, Mainland Tanzania**

Herd Size	Households Rearing Goat		Heads of Goats		Average Number of Goats per Households
	Number	Percent	Number	Percent	
1 - 4	749,143	41.8	3,376,808	13.8	5
5 - 9	519,220	29.0	5,265,000	21.6	10
10 - 14	227,583	12.7	3,879,443	15.9	17
15 - 19	107,191	6.0	2,428,691	9.9	23
20 - 24	61,392	3.4	1,755,520	7.2	29
25 - 29	31,616	1.8	1,032,573	4.2	33
30 - 34	22,673	1.3	850,506	3.5	38
35 - 39	11,332	0.6	548,921	2.2	48
40+	60,887	3.4	5,285,660	21.6	87
<b>Total</b>	<b>1,791,037</b>	<b>100.0</b>	<b>24,423,122</b>	<b>100.0</b>	<b>14</b>

**Table 4.31: Number and Percentage of Agricultural Households Rearing Goats and Heads of Goats by Herd Size as of 1st August 2020, Tanzania Zanzibar**

Herd Size	Households Rearing Goat		Heads of Goats		Average Number of Goats per Households
	Number	Percent	Number	Percent	
1 - 4	10,156	55.4	30,832	27.7	3
5 - 9	6,279	34.2	46,812	42.0	7
10 - 14	1,298	7.1	18,122	16.3	14
15 - 19	365	2.0	6,409	5.8	18
20 - 24	-	-	-	-	-
25 - 29	123	0.7	4,323	3.9	35
30 - 34	77	0.4	3,121	2.8	41
35 - 39	-	-	-	-	-
40+	43	0.2	1,811	1.6	42
<b>Total</b>	<b>18,341</b>	<b>100.0</b>	<b>111,430</b>	<b>100.0</b>	<b>6</b>

**Table 4.32: Number and Percentage of Goats by Category and Type of Goats as of 1st August 2020, Tanzania**

Category of Goat	Indigenous		Improved for Meat		Improved Dairy		Total Goat	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Billy Goat	3,809,571	98.4	40,312	1.0	23,355	0.6	3,873,238	15.8
Castrated Goat	516,623	98.7	2,812	0.5	3,813	0.7	523,248	2.1
She Goat	13,473,425	98.8	40,301	0.3	121,011	0.9	13,634,737	55.6
Male Kid	2,957,873	98.6	18,189	0.6	22,473	0.7	2,998,535	12.2
She Kid	3,475,318	99.2	9,242	0.3	20,232	0.6	3,504,792	14.3
<b>Total</b>	<b>24,232,810</b>	<b>98.8</b>	<b>110,856</b>	<b>0.5</b>	<b>190,884</b>	<b>0.8</b>	<b>24,534,550</b>	<b>100.0</b>

**Table 4.33: Number and Percentage of Indigenous Goats by Category and Region as of 1st August 2020, Tanzania**

Region	Goat Category										
	Billy Goat		Castrated Goat		She Goat		Male Kid		She Kid		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	258,897	0.2	43,288	2.6	911,000	54.9	205,033	12.4	241,690	14.6	1,659,908
Arusha	160,977	0.1	116,984	7.5	843,344	53.9	206,260	13.2	236,200	15.1	1,563,765
Kilimanjaro	144,679	0.1	45,695	4.3	586,546	55.3	144,382	13.6	140,277	13.2	1,061,579
Tanga	171,476	0.1	24,221	1.7	797,228	56.6	182,641	13.0	233,195	16.6	1,408,761
Morogoro	125,726	0.1	19,193	2.2	504,335	58.8	94,551	11.0	114,487	13.3	858,292
Pwani	79,183	0.1	17,246	2.8	319,125	51.9	97,663	15.9	101,086	16.5	614,303
Dar es Salaam	10,181	0.2	748	1.6	23,381	51.3	5,697	12.5	5,577	12.2	45,584
Lindi	70,647	0.1	1,218	0.2	310,808	61.9	40,570	8.1	79,063	15.7	502,306
Mtwara	64,559	0.2	-		220,112	52.2	52,493	12.5	84,432	20.0	421,596
Ruvuma	114,190	0.2	3,392	0.4	471,154	62.3	70,427	9.3	97,441	12.9	756,604
Iringa	89,803	0.2	-		243,935	54.1	57,755	12.8	59,409	13.2	450,902
Mbeya	78,837	0.2	13,473	2.8	250,584	52.8	58,491	12.3	73,283	15.4	474,668
Singida	180,126	0.2	12,492	1.3	525,106	53.1	123,976	12.5	147,642	14.9	989,342
Tabora	165,062	0.2	15,237	1.6	541,904	55.5	127,745	13.1	125,729	12.9	975,677
Rukwa	64,591	0.2	3,991	1.0	208,172	52.4	59,115	14.9	61,377	15.5	397,246
Kigoma	232,293	0.2	30,309	2.0	870,919	58.5	162,982	10.9	193,355	13.0	1,489,858
Shinyanga	159,976	0.2	13,985	1.5	519,297	55.1	123,819	13.1	125,811	13.3	942,888
Kagera	211,852	0.1	12,615	0.8	972,031	62.7	145,222	9.4	208,191	13.4	1,549,911
Mwanza	278,058	0.2	23,235	1.7	803,858	57.8	144,184	10.4	141,746	10.2	1,391,081
Mara	179,710	0.2	10,153	1.1	492,545	51.9	126,868	13.4	139,528	14.7	948,804
Manyara	422,772	0.2	75,906	3.2	1,185,739	50.5	288,239	12.3	376,318	16.0	2,348,974
Njombe	35,284	0.2	1,373	0.8	110,799	67.5	6,989	4.3	9,610	5.9	164,055
Katavi	58,144	0.2	10,019	2.6	206,400	53.4	51,754	13.4	60,421	15.6	386,738
Simiyu	180,085	0.2	12,949	1.4	496,644	51.9	130,767	13.7	137,380	14.3	957,825
Geita	191,250	0.2	3,280	0.3	672,405	54.2	180,375	14.5	194,242	15.6	1,241,552
Songwe	65,587	0.1	5,530	1.1	323,455	62.1	56,170	10.8	69,983	13.4	520,725
Mainland Tanzania	3,793,945	0.2	516,532	2.1	13,410,826	55.6	2,944,168	12.2	3,457,473	14.3	24,122,944
Kaskazini Unguja	2,579	0.1	-		10,002	58.0	2,338	13.5	2,336	13.5	17,255
Kusini Unguja	1,985	0.1	-		12,165	62.0	2,582	13.2	2,879	14.7	19,611
Mjini Magharibi	3,356	0.2	94	0.7	8,386	60.8	1,170	8.5	784	5.7	13,790
Kaskazini Pemba	2,019	0.1	-		11,120	57.0	2,087	10.7	4,268	21.9	19,494
Kusini Pemba	5,680	0.1	-		20,927	52.7	5,532	13.9	7,577	19.1	39,716
Tanzania Zanzibar	15,619	0.1	94	0.1	62,600	57.0	13,709	12.5	17,844	16.2	109,866
Tanzania	3,809,564	0.2	516,626	2.1	13,473,426	55.6	2,957,877	12.2	3,475,317	14.3	24,232,810

**Table 4.34: Number and Percentage of Improved Goats for Meat by Category and Region as of 1st August 2020, Tanzania**

Goat Category											
Region	Billy Goat		Castrated Goat		She Goat		Male Kid		She Kid		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	642	18.0	-	-	2,934	82.0	-	-	-	-	3,575
Arusha	1,611	12.5	736	5.7	5,245	40.8	3,958	30.8	1,298	10.1	12,848
Kilimanjaro	8,237	27.4	464	1.5	14,578	48.5	4,138	13.8	2,631	8.8	30,048
Tanga	2,261	54.9	-	-	1,860	45.1	-	-	-	-	4,122
Morogoro	6,145	38.8	-	-	9,706	61.2	-	-	-	-	15,851
Pwani	3,254	34.1	-	-	-	-	4,108	43.0	2,192	22.9	9,554
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-
Mtwara	548	100.0	-	-	-	-	-	-	-	-	548
Ruvuma	659	33.5	-	-	-	-	820	41.7	490	24.9	1,968
Iringa	662	100.0	-	-	-	-	-	-	-	-	662
Mbeya	1,914	57.8	997	30.1	399	12.1	-	-	-	-	3,310
Singida	1,931	100.0	-	-	-	-	-	-	-	-	1,931
Tabora	-	-	-	-	481	100.0	-	-	-	-	481
Rukwa	363	100.0	-	-	-	-	-	-	-	-	363
Kigoma	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	466	100.0	-	-	-	-	-	-	-	-	466
Kagera	4,631	38.9	-	-	3,362	28.2	1,961	16.5	1,961	16.5	11,915
Mwanza	1,489	100.0	-	-	-	-	-	-	-	-	1,489
Mara	762	87.5	109	12.5	-	-	-	-	-	-	871
Manyara	224	11.7	506	26.4	707	36.9	204	10.7	274	14.3	1,915
Njombe	1,648	36.5	-	-	-	-	2,863	63.5	-	-	4,511
Katavi	-	-	-	-	-	-	-	-	-	-	-
Simiyu	1,681	67.6	-	-	617	24.8	-	-	186	7.5	2,485
Geita	-	-	-	-	-	-	-	-	-	-	-
Songwe	1,044	100.0	-	-	-	-	-	-	-	-	1,044
Mainland Tanzania	40,172	36.5	2,812	2.6	39,889	36.3	18,052	16.4	9,032	8.2	109,957
Kaskazini Unguja	139	18.2	-	-	278	36.3	139	18.2	209	27.3	765
Kusini Unguja	-	-	-	-	134	100.0	-	-	-	-	134
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-
Tanzania Zanzibar	139	15.5	-	-	412	45.8	139	15.5	209	23.2	899
Tanzania	40,311	36.4	2,812	2.5	40,301	36.4	18,191	16.4	9,241	8.3	110,856

**Table 4.35: Number of Improved Dairy Goats by Category of Goat and Region as of 1st August 2020, Tanzania**

Region	Goat Category										Total
	Billy Goat		Castrated Goat		She Goat		Male Kid		She Kid		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	-	-	-	-	-	-	-	-	-	-	-
Arusha	1,765	8.3	573	2.7	13,647	64.4	2,237	10.6	2,953	13.9	21,175
Kilimanjaro	6,217	14.0	288	0.7	25,424	57.4	5,725	12.9	6,637	15.0	44,291
Tanga	837	8.9	-	-	6,868	73.1	867	9.2	827	8.8	9,399
Morogoro	823	20.3	-	-	3,225	79.7	-	-	-	-	4,048
Pwani	685	2.6	-	-	25,543	97.4	-	-	-	-	26,228
Dar es Salaam	-	-	-	-	248	100.0	-	-	-	-	248
Lindi	-	-	-	-	-	-	-	-	-	-	-
Mtwara	1,839	13.6	-	-	4,292	31.8	5,518	40.9	1,839	13.6	13,488
Ruvuma	-	-	-	-	-	-	-	-	-	-	-
Iringa	2,230	22.7	-	-	4,832	49.2	1,754	17.9	1,001	10.2	9,817
Mbeya	997	50.4	598	30.2	385	19.4	-	-	-	-	1,980
Singida	3,163	35.8	-	-	4,043	45.8	809	9.2	809	9.2	8,824
Tabora	-	-	-	-	-	-	-	-	-	-	-
Rukwa	280	100.0	-	-	-	-	-	-	-	-	280
Kigoma	978	100.0	-	-	-	-	-	-	-	-	978
Shinyanga	-	-	-	-	466	100.0	-	-	-	-	466
Kagera	871	6.6	-	-	12,331	93.4	-	-	-	-	13,202
Mwanza	810	37.4	1,357	62.6	-	-	-	-	-	-	2,167
Mara	440	29.0	-	-	1,076	71.0	-	-	-	-	1,516
Manyara	577	2.0	242	0.8	17,755	60.8	4,442	15.2	6,165	21.1	29,181
Njombe	-	-	-	-	344	100.0	-	-	-	-	344
Katavi	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-
Geita	498	39.8	754	60.2	-	-	-	-	-	-	1,252
Songwe	252	18.9	-	-	-	-	1,082	81.1	-	-	1,334
Mainland Tanzania	23,262	12.2	3,812	2.0	120,479	63.3	22,434	11.8	20,231	10.6	190,218
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	94	17.2	-	-	451	82.8	-	-	-	-	545
Mjini Magharibi	-	-	-	-	81	66.9	40	33.1	-	-	121
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-
Tanzania Zanzibar	94	14.1	-	-	532	79.9	40	6.0	-	-	666
Tanzania	23,356	12.2	3,812	2.0	121,011	63.4	22,474	11.8	20,231	10.6	190,884

**Table 4.36: Number and Percentage of Goats by Goat Type and Region as of 1st August 2020, Tanzania**

Region	Number of Indigenous		Number of Improved for Meat		Number of Improved Dairy		Total Number of Goats
	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,659,908	99.8	3,575	0.2	-		1,663,483
Arusha	1,563,765	97.9	12,848	0.8	21,174	1.3	1,597,787
Kilimanjaro	1,061,579	93.5	30,048	2.6	44,290	3.9	1,135,917
Tanga	1,408,760	99.0	4,122	0.3	9,400	0.7	1,422,282
Morogoro	858,291	97.7	15,851	1.8	4,048	0.5	878,190
Pwani	614,303	94.5	9,554	1.5	26,228	4.0	650,085
Dar es Salaam	45,582	99.5	-		248	0.5	45,830
Lindi	502,307	100.0	-		-		502,307
Mtwara	421,596	96.8	548	0.1	13,489	3.1	435,633
Ruvuma	756,603	99.7	1,968	0.3	-		758,571
Iringa	450,902	97.7	662	0.1	9,817	2.1	461,381
Mbeya	474,668	98.9	3,310	0.7	1,979	0.4	479,957
Singida	989,342	98.9	1,931	0.2	8,823	0.9	1,000,096
Tabora	975,676	100.0	481	0.0	-		976,157
Rukwa	397,246	99.8	363	0.1	280	0.1	397,889
Kigoma	1,489,859	99.9	-		978	0.1	1,490,837
Shinyanga	942,889	99.9	466	0.0	466	0.0	943,821
Kagera	1,549,911	98.4	11,915	0.8	13,202	0.8	1,575,028
Mwanza	1,391,088	99.7	1,489	0.1	2,167	0.2	1,394,744
Mara	948,803	99.7	871	0.1	1,516	0.2	951,190
Manyara	2,348,974	98.7	1,915	0.1	29,183	1.2	2,380,072
Njombe	164,054	97.1	4,511	2.7	344	0.2	168,909
Katavi	386,737	100.0	-		-		386,737
Simiyu	957,825	99.7	2,485	0.3	-		960,310
Geita	1,241,552	99.9	-		1,252	0.1	1,242,804
Songwe	520,726	99.5	1,044	0.2	1,334	0.3	523,104
<b>Mainland Tanzania</b>	<b>24,122,946</b>	<b>98.8</b>	<b>109,957</b>	<b>0.5</b>	<b>190,218</b>	<b>0.8</b>	<b>24,423,121</b>
Kaskazini Unguja	17,254	95.8	765	4.2	-		18,019
Kusini Unguja	19,610	96.7	134	0.7	545	2.7	20,289
Mjini Magharibi	13,790	99.1	-		121	0.9	13,911
Kaskazini Pemba	19,494	100.0	-		-		19,494
Kusini Pemba	39,716	100.0	-		-		39,716
<b>Tanzania Zanzibar</b>	<b>109,864</b>	<b>98.6</b>	<b>899</b>	<b>0.8</b>	<b>666</b>	<b>0.6</b>	<b>111,429</b>
<b>Tanzania</b>	<b>24,232,810</b>	<b>98.8</b>	<b>110,856</b>	<b>0.5</b>	<b>190,884</b>	<b>0.8</b>	<b>24,534,550</b>

**Table 4.37: Number of Goat Intake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Intake								
	Billy Goat			Castrated Goat			She Goat		
	Number Purchased	Number Given/Obtained	Total Goat Intake	Number Purchased	Number Given/Obtained	Total Goat Intake	Number Purchased	Number Given/Obtained	Total Goat Intake
Dodoma	5,546	4,193	9,739	2,204	318	2,521	20,241	15,895	35,243
Arusha	8,628	1,990	10,618	2,094	2,394	4,235	22,589	7,360	29,899
Kilimanjaro	5,131	2,184	7,315	420	1,525	1,945	11,068	6,890	17,958
Tanga	8,576	4,179	12,755	249	341	590	34,262	8,826	42,794
Morogoro	3,135	861	3,995	-	-	-	9,652	2,124	11,776
Pwani	6,893	-	6,893	-	-	-	14,852	2,742	17,594
Dar es Salaam	101	-	101	-	-	-	247	-	247
Lindi	-	-	-	-	-	-	5,403	-	5,403
Mtwara	810	2,427	3,237	-	-	-	2,648	8,671	11,319
Ruvuma	1,864	1,477	3,341	1,356	-	1,356	13,976	9,561	22,880
Iringa	662	1,324	1,985	-	-	-	3,696	1,216	4,912
Mbeya	4,304	-	4,304	345	345	345	10,379	984	11,363
Singida	7,361	2,360	9,721	-	436	436	25,934	4,354	29,958
Tabora	5,959	1,415	7,374	1,049	-	1,049	29,255	2,609	31,864
Rukwa	4,189	3,340	7,529	-	-	-	18,843	3,769	22,612
Kigoma	5,881	2,375	8,255	1,542	-	1,542	28,571	23,242	42,877
Shinyanga	3,962	1,784	5,745	1,020	-	1,020	21,617	4,253	25,870
Kagera	5,979	1,677	7,656	1,085	12,039	13,124	74,844	26,679	99,422
Mwanza	42,326	3,060	45,385	4,254	457	4,712	65,269	11,198	76,467
Mara	3,224	905	4,129	384	-	384	7,470	2,301	9,771
Manyara	9,949	888	10,837	1,974	-	1,974	6,221	1,945	8,166
Njombe	333	-	333	-	-	-	3,672	276	3,947
Katavi	-	-	-	-	-	-	7,431	-	7,431
Simiyu	4,034	1,073	5,107	1,144	2,620	3,764	19,102	8,350	27,452
Geita	10,122	2,241	12,363	1,277	-	1,277	30,375	5,369	35,209
Songwe	-	-	-	-	-	-	3,227	2,541	5,768
<b>Mainland Tanzania</b>	<b>148,969</b>	<b>39,753</b>	<b>188,717</b>	<b>20,397</b>	<b>20,475</b>	<b>40,274</b>	<b>490,844</b>	<b>161,155</b>	<b>638,202</b>
Kaskazini Unguja	-	-	-	-	-	-	270	-	270
Kusini Unguja	494	-	494	-	104	104	505	1,007	1,512
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	230	446	676	-	223	223	1,270	2,486	3,756
Kusini Pemba	-	-	-	-	-	-	409	823	1,232
<b>Tanzania Zanzibar</b>	<b>724</b>	<b>446</b>	<b>1,170</b>	<b>-</b>	<b>327</b>	<b>327</b>	<b>2,454</b>	<b>4,316</b>	<b>6,770</b>
<b>Tanzania</b>	<b>149,693</b>	<b>40,199</b>	<b>189,887</b>	<b>20,397</b>	<b>20,802</b>	<b>40,601</b>	<b>493,298</b>	<b>165,471</b>	<b>644,972</b>



Cont... Table 4.37: Number of Goat Intake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Goat Intake											
	Male Kid				She Kid				Total			
	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake
Dodoma	854	4,886	211,747	217,486	1,026	3,186	254,614	258,825	29,869	28,477	466,360	523,814
Arusha	1,053	543	217,616	219,212	2,629	1,348	243,801	247,778	36,992	13,635	461,417	511,741
Kilimanjaro	812	540	171,815	173,167	879	791	159,060	160,730	18,310	11,929	330,875	361,115
Tanga	250	1,653	207,914	209,818	5,813	3,991	256,278	266,081	49,150	18,991	464,192	532,037
Morogoro	3,531	1,174	98,094	102,799	-	-	121,754	121,754	16,318	4,158	219,848	240,324
Pwani	1,708	-	111,109	112,816	1,544	-	106,808	108,352	24,997	2,742	217,917	245,655
Dar es Salaam	-	-	5,697	5,697	228	-	5,577	5,805	575	-	11,274	11,849
Lindi	-	6,764	40,570	47,334	-	-	84,272	84,272	5,403	6,764	124,842	137,009
Mtwara	-	2,923	66,081	69,004	-	-	104,531	104,531	3,458	14,020	170,612	188,090
Ruvuma	1,435	991	82,624	85,051	794	974	106,980	108,748	19,425	13,004	189,604	221,375
Iringa	-	-	70,782	70,782	-	-	69,547	69,547	4,358	2,540	140,329	147,227
Mbeya	-	-	62,098	62,098	668	-	82,238	82,905	15,695	1,329	144,335	161,014
Singida	-	-	127,503	127,503	-	333	148,451	148,783	33,295	7,482	275,953	316,401
Tabora	912	753	130,494	132,159	3,230	1,609	131,086	135,926	40,405	6,387	261,580	308,372
Rukwa	618	-	65,368	65,986	-	2,470	66,365	68,835	23,650	9,579	131,733	164,962
Kigoma	868	1,096	169,278	171,242	3,464	2,276	207,020	212,760	40,326	28,989	376,298	436,676
Shinyanga	321	860	126,472	127,653	2,450	1,276	131,069	134,795	29,370	8,172	257,541	295,083
Kagera	2,019	1,820	173,137	176,975	3,162	-	240,458	243,619	87,088	42,215	413,595	540,796
Mwanza	23,867	683	166,306	190,856	1,063	-	159,960	161,023	136,778	15,399	326,266	478,443
Mara	-	25,171	130,000	155,171	-	252	140,027	140,279	11,078	28,629	270,027	309,735
Manyara	928	-	295,263	296,192	591	897	386,237	387,725	19,663	3,731	681,501	704,894
Njombe	741	254	10,679	11,674	-	-	9,610	9,610	4,745	530	20,288	25,564
Katavi	-	-	51,754	51,754	-	-	62,628	62,628	7,431	-	114,381	121,813
Simiyu	730	758	133,749	135,236	176	1,522	139,235	140,933	25,185	14,324	272,984	312,493
Geita	3,231	589	185,463	189,283	7,784	-	203,055	210,839	52,790	8,199	388,518	448,971
Songwe	535	-	57,546	58,081	-	-	73,125	73,125	3,762	2,541	130,671	136,975
<b>Mainland Tanzania</b>	<b>44,413</b>	<b>51,458</b>	<b>3,169,159</b>	<b>3,265,029</b>	<b>35,501</b>	<b>20,925</b>	<b>3,693,786</b>	<b>3,750,208</b>	<b>740,116</b>	<b>293,766</b>	<b>6,862,941</b>	<b>7,882,428</b>
Kaskazini Unguja	-	-	2,880	2,880	-	-	2,619	2,619	270	-	5,499	5,769
Kusini Unguja	-	-	4,959	4,959	232	-	4,980	5,213	1,231	1,112	9,939	12,282
Mjini Magharibi	-	-	1,297	1,297	-	-	1,604	1,604	-	-	2,901	2,901
Kaskazini Pemba	-	330	3,273	3,603	-	-	4,534	4,534	1,499	3,485	7,807	12,792
Kusini Pemba	-	-	5,838	5,838	-	-	7,877	7,877	409	823	13,715	14,947
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>330</b>	<b>18,247</b>	<b>18,577</b>	<b>232</b>	<b>-</b>	<b>21,614</b>	<b>21,847</b>	<b>3,409</b>	<b>5,420</b>	<b>39,861</b>	<b>48,691</b>
<b>Tanzania</b>	<b>44,413</b>	<b>51,788</b>	<b>3,187,406</b>	<b>3,283,606</b>	<b>35,733</b>	<b>20,925</b>	<b>3,715,400</b>	<b>3,772,055</b>	<b>743,525</b>	<b>299,186</b>	<b>6,902,802</b>	<b>7,931,119</b>

**Table 4.38: Number of Goat Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Intake									
	Billy Goat		Castrated Goat		She Goat		Male Kid		She Kid	
	Number Purchased	Average Price (TZS)	Number Purchased	Average Price (TZS)	Number Purchased	Average Price (TZS)	Number Purchased	Average Price (TZS)	Number Purchased	Average Price (TZS)
Dodoma	5,546	45,492	2,204	43,357	20,241	51,818	854	35,956	1,026	35,643
Arusha	8,628	81,203	2,094	67,032	22,589	59,685	1,053	30,596	2,629	32,118
Kilimanjaro	5,131	75,135	420	266,486	11,068	72,242	812	46,424	879	38,398
Tanga	8,576	51,772	249	60,000	34,262	51,878	250	30,000	5,813	27,793
Morogoro	3,135	44,769	-	-	9,652	54,918	3,531	50,000	-	-
Pwani	6,893	79,149	-	-	14,852	57,345	1,708	10,000	1,544	21,704
Dar es Salaam	101	60,000	-	-	247	80,000	-	-	228	35,000
Lindi	-	-	-	-	5,403	62,627	-	-	-	-
Mtwara	810	70,000	-	-	2,648	72,537	-	-	-	-
Ruvuma	1,864	44,364	1,356	62,384	13,976	55,512	1,435	45,438	794	36,687
Iringa	662	50,000	-	-	3,696	50,000	-	-	-	-
Mbeya	4,304	54,285	345	-	10,379	49,174	-	-	668	25,762
Singida	7,361	39,735	-	-	25,934	35,754	-	-	-	-
Tabora	5,959	42,574	1,049	43,514	29,255	45,153	912	19,256	3,230	20,000
Rukwa	4,189	46,968	-	-	18,843	42,487	618	30,000	-	-
Kigoma	5,881	40,000	1,542	40,000	28,571	45,957	868	10,000	3,464	17,495
Shinyanga	3,962	53,700	1,020	39,096	21,617	62,696	321	15,000	2,450	32,449
Kagera	5,979	46,820	1,085	60,000	74,844	48,678	2,019	25,000	3,162	35,932
Mwanza	42,326	43,073	4,254	41,478	65,269	53,481	23,867	24,129	1,063	10,000
Mara	3,224	55,115	384	25,000	7,470	57,226	-	-	-	-
Manyara	9,949	52,119	1,974	50,000	6,221	43,777	928	40,000	591	35,000
Njombe	333	50,000	-	-	3,672	46,402	741	15,000	-	-
Katavi	-	-	-	-	7,431	44,127	-	-	-	-
Simiyu	4,034	42,385	1,144	38,423	19,102	90,601	730	24,768	176	30,000
Geita	10,122	47,900	1,277	45,238	30,375	51,512	3,231	30,000	7,784	26,612
Songwe	-	-	-	-	3,227	177,824	535	40,000	-	-
<b>Mainland Tanzania</b>	<b>148,969</b>	<b>46,791</b>	<b>20,397</b>	<b>63,000</b>	<b>490,844</b>	<b>60,131</b>	<b>45,480</b>	<b>28,976</b>	<b>38,970</b>	<b>28,787</b>
Kaskazini Unguja	-	-	-	-	270	64,525	-	-	-	-
Kusini Unguja	494	88,310	-	-	505	337,509	-	-	232	39,000
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	230	60,000	-	-	1,270	74,743	-	-	-	-
Kusini Pemba	-	-	-	-	409	78,208	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>724</b>	<b>29,662</b>	<b>-</b>	<b>-</b>	<b>2,454</b>	<b>138,746</b>	<b>-</b>	<b>-</b>	<b>232</b>	<b>39,000</b>
<b>Tanzania</b>	<b>149,693</b>	<b>44,028</b>	<b>20,397</b>	<b>63,000</b>	<b>493,296</b>	<b>70,613</b>	<b>45,479</b>	<b>28,976</b>	<b>39,200</b>	<b>29,388</b>

**Table 4.39: Number of Goats Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Offtake											
	Billy Goat						Castrated Goat					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake
Dodoma	77,858	16,835	5,667	1,983	84,687	187,029	8,002	500	-	4,399	10,673	23,574
Arusha	114,821	24,105	3,280	1,438	59,085	202,728	108,322	28,836	1,515	900	10,683	150,256
Kilimanjaro	44,103	17,409	4,829	4,355	18,195	88,892	20,679	12,550	217	648	1,421	35,514
Tanga	76,505	46,704	5,553	18,839	25,270	172,871	8,736	5,119	-	1,562	2,789	18,206
Morogoro	44,973	19,952	-	6,129	31,653	102,707	8,079	2,100	-	-	7,187	17,365
Pwani	76,491	20,894	3,641	12,611	21,264	134,901	14,363	2,098	-	608	8,548	25,617
Dar es Salaam	1,763	1,441	116	-	82	3,402	923	133	-	-	-	1,056
Lindi	35,634	2,404	-	13,030	6,250	57,318	5,027	3,642	3,382	-	-	12,051
Mtwara	47,804	6,141	478	6,398	9,240	70,061	4,335	-	-	1,331	666	6,331
Ruvuma	33,018	18,512	1,760	4,209	8,646	66,145	3,354	2,035	-	-	1,729	7,118
Iringa	65,602	13,386	-	8,976	32,973	120,936	2,034	-	-	-	-	2,034
Mbeya	20,543	7,078	355	-	9,708	37,684	1,145	2,300	963	-	1,505	5,913
Singida	35,023	16,213	270	4,526	21,127	77,159	1,161	2,493	270	-	1,333	5,256
Tabora	35,001	28,951	205	539	31,423	96,119	4,331	6,921	-	-	940	12,192
Rukwa	31,882	11,932	2,141	6,879	15,391	68,225	1,166	1,153	240	280	1,345	4,184
Kigoma	92,931	31,671	2,093	20,296	33,471	180,462	23,563	868	-	-	16,373	40,803
Shinyanga	42,897	53,231	330	1,919	19,342	117,719	1,089	8,325	562	-	2,693	12,670
Kagera	68,463	21,996	1,177	5,187	76,802	173,624	7,009	8,667	1,583	-	1,835	19,094
Mwanza	55,777	41,716	3,102	1,251	20,956	122,802	27,959	6,835	-	-	5,692	40,487
Mara	5,559	7,493	-	4,076	10,903	28,031	6,453	533	-	-	514	7,500
Manyara	78,254	15,119	1,085	229	11,536	106,222	6,901	2,422	-	266	2,433	12,022
Njombe	1,644	1,035	-	2,487	6,128	11,294	563	282	-	-	-	845
Katavi	9,351	9,214	-	1,623	7,406	27,593	796	1,997	-	-	2,592	5,384
Simiyu	59,840	64,368	1,870	1,739	17,768	145,585	388	2,990	707	-	3,062	7,146
Geita	26,457	38,163	-	-	24,822	89,442	5,575	7,582	556	-	-	13,713
Songwe	14,506	3,028	-	5,261	16,502	39,297	-	245	-	-	2,142	2,387
Mainland Tanzania	1,196,700	538,991	37,952	133,980	620,630	2,528,248	271,953	110,626	9,995	9,994	86,155	488,718
Kaskazini Unguja	1,248	160	197	-	317	1,921	-	-	-	-	-	-
Kusini Unguja	3,417	777	114	996	151	5,454	213	-	-	-	-	213
Mjini Magharibi	320	1,289	-	602	345	2,556	47	-	-	-	-	47
Kaskazini Pemba	1,649	-	-	-	1,155	2,804	-	-	-	-	-	-
Kusini Pemba	822	314	158	696	678	2,669	-	-	-	-	-	-
Tanzania Zanzibar	7,456	2,540	469	2,294	2,646	15,404	260	-	-	-	-	260
Tanzania	1,204,156	541,531	38,421	136,274	623,276	2,543,652	272,213	110,626	9,995	9,994	86,155	488,978

Cont... Table 4.39: Number of Goats Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Goat Offtake											
	She Goat						Male Kid					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Given Away	Number Stolen	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Given Away	Number Stolen	Total Offtake
Dodoma	123,813	14,848	2,990	11,773	138,139	291,563	4,606	398	38,320	-	6,075	49,400
Arusha	215,220	31,154	7,585	4,175	89,288	347,422	1,880	347	50,531	1,883	3,692	58,334
Kilimanjaro	55,883	10,125	8,961	13,534	34,932	123,435	5,039	581	21,907	1,261	3,571	32,358
Tanga	84,315	22,931	10,484	18,579	52,471	188,780	7,094	2,227	41,900	6,848	8,396	66,466
Morogoro	75,649	15,073	-	7,429	82,849	181,000	1,183	4,781	13,985	-	-	19,949
Pwani	37,211	16,566	5,752	8,756	46,415	114,700	-	451	25,635	4,904	-	30,989
Dar es Salaam	3,990	1,503	198	-	1,411	7,102	595	-	121	-	-	716
Lindi	13,922	7,542	-	-	12,298	33,761	3,458	1,038	6,888	4,153	1,038	16,575
Mtwara	49,245	6,505	8,077	3,106	11,403	78,336	4,297	1,213	4,775	548	3,959	14,792
Ruvuma	41,487	16,734	6,683	10,382	17,297	92,583	2,552	274	6,457	-	-	9,283
Iringa	97,046	6,749	-	7,211	24,917	135,923	5,907	400	16,547	801	-	23,656
Mbeya	37,426	3,576	710	1,475	16,223	59,409	7,974	-	6,131	-	-	14,105
Singida	42,037	14,509	1,798	9,560	38,528	106,433	323	-	3,754	-	1,108	5,185
Tabora	58,703	24,153	957	1,855	28,779	114,446	1,331	-	14,713	336	3,399	19,778
Rukwa	33,342	8,931	435	1,826	21,937	66,471	-	618	13,449	-	718	14,785
Kigoma	79,757	30,223	4,697	31,334	41,537	187,549	9,769	-	33,885	4,338	-	47,992
Shinyanga	54,026	31,545	-	2,309	50,864	138,744	1,979	338	17,218	-	5,394	24,929
Kagera	87,187	16,086	8,571	6,291	140,423	258,558	6,520	-	39,222	-	3,618	49,360
Mwanza	97,650	40,015	4,786	10,553	67,791	220,795	17,536	2,910	26,147	-	3,786	50,380
Mara	22,981	8,972	1,337	1,664	14,985	49,939	-	-	4,672	5,676	1,518	11,866
Manyara	53,547	6,666	1,097	2,457	22,635	86,402	1,182	863	9,074	334	1,600	13,053
Njombe	3,576	1,178	-	-	3,714	8,468	-	-	742	-	303	1,045
Katavi	24,580	12,847	-	1,829	7,870	47,126	-	-	5,883	-	910	6,793
Simiyu	42,282	49,735	975	11,844	34,288	139,124	1,017	2,501	21,438	1,879	1,114	27,949
Geita	59,600	47,390	-	4,639	60,225	171,855	910	1,232	14,073	-	5,681	21,897
Songwe	17,155	4,359	-	1,749	41,545	64,808	219	2,062	3,864	1,914	1,224	9,282
<b>Mainland Tanzania</b>	<b>1,511,630</b>	<b>449,915</b>	<b>76,093</b>	<b>174,330</b>	<b>1,102,764</b>	<b>3,314,732</b>	<b>85,371</b>	<b>22,234</b>	<b>441,331</b>	<b>34,875</b>	<b>57,104</b>	<b>640,917</b>
Kaskazini Unguja	865	100	287	-	572	1,824	-	-	-	-	70	70
Kusini Unguja	3,837	-	220	1,323	586	5,966	1,428	-	972	77	194	2,672
Mjini Magharibi	389	87	-	888	1,114	2,478	-	-	87	-	341	428
Kaskazini Pemba	165	165	-	-	1,193	1,523	353	-	560	176	223	1,312
Kusini Pemba	-	277	573	-	1,949	2,799	143	-	430	-	568	1,142
<b>Tanzania Zanzibar</b>	<b>5,256</b>	<b>629</b>	<b>1,080</b>	<b>2,211</b>	<b>5,414</b>	<b>14,590</b>	<b>1,924</b>	<b>-</b>	<b>2,049</b>	<b>253</b>	<b>1,396</b>	<b>5,624</b>
<b>Tanzania</b>	<b>1,516,886</b>	<b>450,544</b>	<b>77,173</b>	<b>176,541</b>	<b>1,108,178</b>	<b>3,329,322</b>	<b>87,295</b>	<b>22,234</b>	<b>443,380</b>	<b>35,128</b>	<b>58,500</b>	<b>646,541</b>

Cont... Table 4.39: Number of Goats Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Goat Offtake											
	She Kid						Total					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Given Away	Number Stolen	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Given Away	Number Stolen	Total Offtake
Dodoma	1,455	608	32,494	5,934	-	40,491	215,733	33,189	79,471	24,089	239,575	592,057
Arusha	1,242	603	54,196	445	2,793	59,280	441,486	85,046	117,108	8,841	165,540	818,020
Kilimanjaro	8,294	235	28,383	1,381	5,000	43,294	133,999	40,900	64,297	21,178	63,118	323,493
Tanga	4,688	4,405	51,731	4,285	-	65,109	181,338	81,387	109,667	50,113	88,926	511,431
Morogoro	2,639	-	17,748	-	355	20,742	132,523	41,906	31,732	13,559	122,043	341,764
Pwani	-	-	23,366	4,904	2,308	30,578	128,065	40,009	58,394	31,782	78,535	336,785
Dar es Salaam	1,293	-	484	-	-	1,777	8,564	3,076	919	-	1,494	14,053
Lindi	1,826	-	13,179	-	1,030	16,035	59,866	14,627	23,449	17,183	20,615	135,740
Mtwara	6,536	-	1,643	-	-	8,179	112,217	13,859	14,974	11,383	25,268	177,700
Ruvuma	831	274	3,897	352	7,421	12,776	81,242	37,831	18,797	14,943	35,093	187,906
Iringa	4,054	-	10,745	-	-	14,799	174,643	20,535	27,292	16,988	57,890	297,348
Mbeya	166	-	5,799	-	-	5,966	67,255	12,954	13,957	1,475	27,436	123,077
Singida	6,165	447	7,399	952	270	15,233	84,710	33,662	13,491	15,037	62,365	209,266
Tabora	548	950	20,876	-	2,478	24,852	99,914	60,975	36,751	2,730	67,019	267,388
Rukwa	714	399	9,935	3,361	1,286	15,694	67,104	23,032	26,199	12,345	40,678	169,358
Kigoma	2,275	-	38,761	1,038	10,142	52,216	208,294	62,762	79,437	57,007	101,522	509,023
Shinyanga	562	144	20,160	-	4,953	25,820	100,553	93,584	38,271	4,227	83,246	319,881
Kagera	13,916	9,472	48,221	2,407	8,054	82,070	183,096	56,221	98,774	13,885	230,732	582,707
Mwanza	-	-	8,101	-	457	8,558	198,922	91,477	42,137	11,804	98,683	443,023
Mara	-	-	2,964	3,784	-	6,748	34,992	16,999	8,974	15,200	27,920	104,084
Manyara	543	-	11,199	1,781	1,976	15,499	140,427	25,070	22,454	5,067	40,179	233,199
Njombe	-	-	1,546	-	934	2,480	5,783	2,494	2,289	2,487	11,080	24,133
Katavi	-	-	4,304	-	824	5,128	34,727	24,058	10,188	3,452	19,601	92,025
Simiyu	2,202	571	17,699	1,879	921	23,271	105,729	120,166	42,688	17,340	57,153	343,077
Geita	455	-	11,710	-	-	12,165	92,997	94,368	26,340	4,639	90,728	309,071
Songwe	4,357	-	6,322	-	531	11,210	36,237	9,693	10,185	8,925	61,944	126,984
<b>Mainland Tanzania</b>	<b>64,761</b>	<b>18,108</b>	<b>452,862</b>	<b>32,503</b>	<b>51,733</b>	<b>619,970</b>	<b>3,130,416</b>	<b>1,139,880</b>	<b>1,018,235</b>	<b>385,679</b>	<b>1,918,383</b>	<b>7,592,593</b>
Kaskazini Unguja	-	-	312	312	165	789	2,114	259	795	312	1,123	4,604
Kusini Unguja	104	-	1,028	155	182	1,469	9,000	777	2,333	2,552	1,112	15,773
Mjini Magharibi	-	-	87	-	51	138	756	1,376	174	1,490	1,851	5,647
Kaskazini Pemba	-	151	-	-	-	151	2,167	316	560	176	2,571	5,790
Kusini Pemba	-	-	300	-	150	449	966	591	1,461	696	3,345	7,059
<b>Tanzania Zanzibar</b>	<b>104</b>	<b>151</b>	<b>1,727</b>	<b>467</b>	<b>548</b>	<b>2,996</b>	<b>15,003</b>	<b>3,319</b>	<b>5,323</b>	<b>5,226</b>	<b>10,002</b>	<b>38,873</b>
<b>Tanzania</b>	<b>64,865</b>	<b>18,259</b>	<b>454,589</b>	<b>32,970</b>	<b>52,281</b>	<b>622,966</b>	<b>3,145,419</b>	<b>1,143,199</b>	<b>1,023,558</b>	<b>390,905</b>	<b>1,928,385</b>	<b>7,631,466</b>

**Table 4.40: Number of Agricultural Households Reported Occurrence of Goat Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease									
	Foot Rot		CCPP		Helminthiosis		Tetanus		Mange	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	22,965	121,153	40,462	103,656	20,385	123,732	4,415	139,702	4,560	139,557
Arusha	38,146	90,291	57,722	70,715	46,506	81,931	4,765	123,672	9,586	118,851
Kilimanjaro	15,445	96,036	31,761	79,720	40,807	70,674	3,340	108,141	8,698	102,783
Tanga	18,712	70,515	21,196	68,031	34,986	54,241	1,963	87,264	12,018	77,209
Morogoro	2,960	23,106	8,543	17,523	4,455	21,611	310	25,756	2,440	23,626
Pwani	4,476	9,235	6,070	7,640	5,214	8,497	368	13,343	1,982	11,728
Dar es Salaam	2,477	24,101	3,175	23,403	4,500	22,078	-	26,578	968	25,610
Lindi	872	13,444	-	14,316	3,531	10,785	-	14,316	-	14,316
Mtwara	2,129	24,950	945	26,133	4,059	23,020	-	27,079	1,669	25,410
Ruvuma	2,106	105,320	1,589	105,837	20,206	87,220	199	107,227	10,210	97,216
Iringa	3,422	16,614	4,315	15,721	5,028	15,008	-	20,036	657	19,379
Mbeya	7,261	33,886	3,765	37,382	10,392	30,755	173	40,975	4,799	36,348
Singida	16,027	62,529	5,626	72,930	7,818	70,739	915	77,641	3,500	75,057
Tabora	3,184	82,545	5,681	80,049	5,695	80,034	1,909	83,821	6,092	79,638
Rukwa	4,219	36,246	5,915	34,546	10,065	30,395	1,189	39,271	4,616	35,845
Kigoma	8,356	79,209	9,821	77,745	40,705	46,860	-	87,566	3,886	83,680
Shinyanga	8,121	58,201	8,174	58,148	8,424	57,898	1,408	64,914	5,228	61,093
Kagera	6,790	150,400	11,127	146,063	39,532	117,658	1,345	155,846	9,799	147,391
Mwanza	3,812	112,330	4,840	111,304	28,234	87,909	1,023	115,120	3,915	112,228
Mara	10,499	51,201	9,484	52,216	29,138	32,561	658	61,042	5,640	56,059
Manyara	11,301	110,836	19,933	102,205	21,596	100,542	7,438	114,699	5,369	116,769
Njombe	879	18,194	136	18,937	1,610	17,463	-	19,073	312	18,761
Katavi	940	11,894	1,036	11,798	733	12,104	179	12,655	414	12,423
Simiyu	9,822	41,421	3,894	47,349	2,904	48,339	2,531	48,712	1,738	49,505
Geita	4,582	72,004	3,033	73,553	16,062	60,524	2,904	73,683	1,522	75,064
Songwe	4,108	67,469	5,773	65,804	5,012	66,566	1,851	69,726	455	71,122
<b>Mainland Tanzania</b>	<b>213,611</b>	<b>1,583,130</b>	<b>274,016</b>	<b>1,522,724</b>	<b>417,597</b>	<b>1,379,144</b>	<b>38,883</b>	<b>1,757,858</b>	<b>110,073</b>	<b>1,686,668</b>
Kaskazini Unguja	99	2,337	277	2,160	170	2,267	-	2,437	171	2,266
Kusini Unguja	195	2,499	120	2,574	959	1,735	104	2,590	55	2,639
Mjini Magharibi	91	2,427	296	2,222	87	2,431	-	2,518	-	2,518
Kaskazini Pemba	122	2,737	165	2,694	905	1,953	-	2,858	396	2,462
Kusini Pemba	-	7,973	-	7,973	1,798	6,175	-	7,973	339	7,634
<b>Tanzania Zanzibar</b>	<b>507</b>	<b>17,973</b>	<b>858</b>	<b>17,623</b>	<b>3,919</b>	<b>14,561</b>	<b>104</b>	<b>18,376</b>	<b>961</b>	<b>17,519</b>
<b>Tanzania</b>	<b>214,118</b>	<b>1,601,103</b>	<b>274,874</b>	<b>1,540,347</b>	<b>421,516</b>	<b>1,393,705</b>	<b>38,987</b>	<b>1,776,234</b>	<b>111,034</b>	<b>1,704,187</b>

**Cont... Table 4.40: Number of Agricultural Households Reported Occurrence of Goat Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease							
	Brucellosis		Black Quarter		Foot and Mouth Disease (FMD)		Total	
	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	4,857	139,260	2,896	141,222	9,258	134,860	109,798	1,043,142
Arusha	18,948	109,489	3,638	124,798	24,005	104,431	203,315	824,177
Kilimanjaro	17,506	93,975	1,318	110,163	10,523	100,958	129,398	762,449
Tanga	16,187	73,040	1,639	87,588	10,561	78,666	117,261	596,555
Morogoro	3,717	22,349	431	25,635	2,235	23,831	25,092	183,437
Pwani	2,886	10,825	653	13,058	4,122	9,588	25,771	83,915
Dar es Salaam	-	26,578	-	26,578	1,510	25,068	12,630	199,995
Lindi	616	13,700	-	14,316	-	14,316	5,020	109,508
Mtwara	1,665	25,414	415	26,663	616	26,462	11,498	205,131
Ruvuma	5,320	102,107	1,088	106,338	749	106,678	41,468	817,943
Iringa	1,890	18,147	391	19,645	2,836	17,200	18,539	141,751
Mbeya	2,375	38,772	173	40,975	1,977	39,170	30,915	298,263
Singida	3,895	74,662	-	78,556	8,269	70,288	46,050	582,402
Tabora	3,193	82,536	2,083	83,646	2,513	83,217	30,350	655,485
Rukwa	4,792	35,668	1,341	39,120	3,674	36,787	35,811	287,873
Kigoma	11,533	76,033	726	86,839	7,111	80,455	82,137	618,387
Shinyanga	3,453	62,869	1,514	64,807	4,560	61,762	40,882	489,693
Kagera	7,118	150,072	4,131	153,060	8,794	148,396	88,637	1,168,888
Mwanza	2,322	113,820	1,754	114,389	2,327	113,816	48,227	880,916
Mara	3,970	57,730	144	61,556	3,599	58,100	63,131	430,466
Manyara	8,720	113,417	1,039	121,099	5,417	116,721	80,813	896,288
Njombe	382	18,691	187	18,889	597	18,477	4,102	148,481
Katavi	280	12,555	403	12,431	655	12,179	4,636	98,037
Simiyu	2,245	48,998	1,727	49,516	9,195	42,048	34,056	375,890
Geita	3,717	72,870	435	76,151	3,947	72,640	36,201	576,490
Songwe	2,402	69,175	1,544	70,034	512	71,065	21,657	550,961
<b>Mainland Tanzania</b>	<b>133,989</b>	<b>1,662,752</b>	<b>29,670</b>	<b>1,767,072</b>	<b>129,562</b>	<b>1,667,179</b>	<b>1,347,395</b>	<b>13,026,523</b>
Kaskazini Unguja	128	2,309	-	2,437	352	2,084	1,197	18,297
Kusini Unguja	69	2,625	115	2,579	55	2,640	1,673	19,882
Mjini Magharibi	296	2,222	43	2,474	-	2,518	814	19,329
Kaskazini Pemba	78	2,781	122	2,737	331	2,528	2,118	20,750
Kusini Pemba	439	7,533	127	7,845	2,015	5,957	4,719	59,062
<b>Tanzania Zanzibar</b>	<b>1,010</b>	<b>17,470</b>	<b>407</b>	<b>18,072</b>	<b>2,753</b>	<b>15,727</b>	<b>10,521</b>	<b>137,320</b>
<b>Tanzania</b>	<b>134,999</b>	<b>1,680,222</b>	<b>30,077</b>	<b>1,785,144</b>	<b>132,315</b>	<b>1,682,906</b>	<b>1,357,916</b>	<b>13,163,843</b>

**Table 4.41: Number of Reported Cases of Goat Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease							
	Foot Rot				CCPP			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	210,248	174,805	186,846	19,862	365,234	278,928	348,355	20,571
Arusha	258,726	244,010	221,446	20,310	510,165	490,689	419,802	83,849
Kilimanjaro	171,198	131,041	152,117	16,808	266,270	228,523	215,202	45,467
Tanga	180,919	173,784	166,407	9,929	239,187	207,612	197,004	37,756
Morogoro	87,400	79,125	87,045	4,413	268,322	250,774	210,342	51,743
Pwani	112,878	84,641	99,810	12,187	281,398	362,634	211,940	70,116
Dar es Salaam	4,839	16,500	4,273	566	4,103	11,915	2,215	1,887
Lindi	30,367	18,267	30,367	3,628	-	-	-	-
Mtwara	11,721	10,714	11,055	-	7,024	5,208	2,232	3,414
Ruvuma	4,301	3,648	3,778	983	3,562	7,033	2,839	723
Iringa	88,844	64,385	66,356	23,571	180,333	165,113	176,960	4,696
Mbeya	60,869	42,648	51,273	7,700	67,514	64,148	51,311	15,064
Singida	143,828	99,161	116,775	8,228	70,599	66,139	53,018	18,936
Tabora	47,909	42,495	44,194	2,859	52,884	46,187	45,240	7,168
Rukwa	31,154	42,774	30,166	1,768	42,691	44,663	35,308	14,176
Kigoma	86,135	83,943	83,769	2,366	112,844	111,623	93,326	17,329
Shinyanga	62,810	56,624	61,031	1,602	110,642	106,966	100,592	10,179
Kagera	52,527	37,238	42,995	3,371	88,954	57,827	69,986	17,149
Mwanza	30,868	15,899	29,348	505	47,512	27,142	42,952	4,052
Mara	59,020	53,828	55,506	8,819	61,557	54,564	53,908	7,065
Manyara	82,883	75,444	71,788	2,654	402,315	391,953	273,058	31,043
Njombe	8,191	9,569	7,639	551	551	551	551	-
Katavi	11,243	6,377	9,654	958	12,380	21,067	6,207	6,173
Simiyu	98,354	94,944	89,382	10,929	49,906	40,771	39,885	6,759
Geita	57,601	45,607	51,311	4,807	28,257	24,262	27,246	1,507
Songwe	10,063	5,310	8,718	2,106	37,686	27,547	29,050	8,636
<b>Mainland Tanzania</b>	<b>2,004,896</b>	<b>1,712,781</b>	<b>1,783,049</b>	<b>171,480</b>	<b>3,311,890</b>	<b>3,093,839</b>	<b>2,708,529</b>	<b>485,458</b>
Kaskazini Unguja	400	262	400	-	998	998	998	-
Kusini Unguja	529	148	529	-	1,185	892	828	357
Mjini Magharibi	135	88	88	47	592	592	592	-
Kaskazini Pemba	330	330	330	-	223	223	223	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>1,394</b>	<b>828</b>	<b>1,347</b>	<b>47</b>	<b>2,998</b>	<b>2,705</b>	<b>2,641</b>	<b>357</b>
<b>Tanzania</b>	<b>2,006,290</b>	<b>1,713,609</b>	<b>1,784,396</b>	<b>171,527</b>	<b>3,314,888</b>	<b>3,096,544</b>	<b>2,711,170</b>	<b>485,815</b>



**Cont.... Table 4.41: Number of Reported Cases of Goat Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease							
	Helminthiosis				Tetanus			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	117,657	99,835	84,255	24,958	11,653	7,330	9,313	977
Arusha	382,450	399,834	359,960	14,342	16,341	15,165	15,708	925
Kilimanjaro	401,325	312,746	335,018	10,502	12,687	9,604	11,208	1,320
Tanga	430,276	458,501	425,121	13,131	47,219	17,099	38,855	8,364
Morogoro	117,007	113,315	108,088	8,919	10,469	4,853	5,616	-
Pwani	147,465	200,775	146,775	690	16,305	16,305	11,881	4,424
Dar es Salaam	7,253	7,253	7,152	101	-	-	-	-
Lindi	68,861	92,133	61,509	7,352	-	-	-	-
Mtwara	37,265	31,119	35,243	1,607	-	-	-	-
Ruvuma	82,223	81,932	78,510	4,888	648	1,296	648	-
Iringa	58,192	58,192	56,838	1,354	-	-	-	-
Mbeya	77,731	76,521	69,916	3,610	6,040	6,040	6,040	-
Singida	60,422	61,100	54,239	5,860	8,649	8,334	8,649	-
Tabora	52,951	47,723	39,569	11,269	13,781	8,638	11,582	1,486
Rukwa	46,281	54,864	37,780	7,170	3,519	2,441	3,062	457
Kigoma	485,819	446,837	376,412	106,369	-	-	-	-
Shinyanga	71,948	51,483	64,322	4,653	11,479	9,081	9,312	2,167
Kagera	310,635	224,183	270,380	13,271	9,050	7,581	7,581	1,468
Mwanza	251,180	235,468	224,509	22,139	3,900	531	3,369	531
Mara	251,333	251,324	247,119	2,994	2,004	2,004	1,543	461
Manyara	182,464	158,685	150,928	8,917	70,574	58,880	47,988	14,285
Njombe	11,505	11,744	11,505	-	-	-	-	-
Katavi	12,111	12,111	11,409	1,054	5,965	5,965	3,355	2,610
Simiyu	26,618	26,012	17,467	11,068	26,345	10,183	24,795	2,228
Geita	168,834	596,064	146,848	21,293	15,237	9,080	13,978	1,260
Songwe	18,198	9,772	9,557	1,353	7,823	1,282	7,172	651
<b>Mainland Tanzania</b>	<b>3,878,004</b>	<b>4,119,526</b>	<b>3,430,429</b>	<b>308,864</b>	<b>299,688</b>	<b>201,692</b>	<b>241,655</b>	<b>43,614</b>
Kaskazini Unguja	673	345	542	131	-	-	-	-
Kusini Unguja	4,711	5,150	3,981	730	141	-	141	-
Mjini Magharibi	347	1,684	347	-	-	-	-	-
Kaskazini Pemba	5,559	5,119	4,899	495	-	-	-	-
Kusini Pemba	5,879	7,554	5,575	304	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>17,169</b>	<b>19,852</b>	<b>15,344</b>	<b>1,660</b>	<b>141</b>	<b>-</b>	<b>141</b>	<b>-</b>
<b>Tanzania</b>	<b>3,895,173</b>	<b>4,139,378</b>	<b>3,445,773</b>	<b>310,524</b>	<b>299,829</b>	<b>201,692</b>	<b>241,796</b>	<b>43,614</b>

**Cont... Table 4.41: Number of Reported Cases of Goat Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease							
	Mange				Brucellosis			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	30,279	24,583	29,223	609	12,391	5,997	9,055	1,949
Arusha	33,465	32,909	31,381	1,691	65,804	52,525	48,799	7,023
Kilimanjaro	40,717	40,210	38,804	460	71,811	58,817	64,432	2,065
Tanga	102,998	98,279	82,079	1,139	63,211	46,518	54,890	4,226
Morogoro	45,183	37,031	44,823	1,786	29,299	21,177	25,990	3,013
Pwani	21,418	30,426	21,418	-	51,896	51,864	42,207	9,053
Dar es Salaam	847	847	847	-	-	-	-	-
Lindi	-	-	-	-	3,339	-	3,339	-
Mtwara	8,961	10,386	8,961	-	5,409	3,027	4,827	1,247
Ruvuma	43,821	41,816	38,325	2,778	11,254	3,559	9,786	-
Iringa	5,270	3,773	5,270	-	15,118	10,496	15,118	-
Mbeya	22,967	36,464	21,457	306	6,380	2,041	3,870	204
Singida	16,597	16,176	15,064	676	21,219	7,543	20,013	-
Tabora	31,488	21,270	26,609	645	26,110	21,597	23,077	2,962
Rukwa	19,056	17,349	19,056	280	15,458	5,690	12,687	1,536
Kigoma	23,401	21,601	22,305	1,096	56,679	50,717	49,614	11,149
Shinyanga	43,108	36,982	37,396	1,250	11,791	10,284	11,025	2,201
Kagera	64,399	46,258	49,064	6,382	28,839	10,042	18,561	3,524
Mwanza	25,475	25,475	25,475	-	10,970	1,655	10,970	3,433
Mara	20,400	17,527	17,057	2,153	10,982	8,750	8,463	2,338
Manyara	49,321	46,245	45,585	202	29,115	24,746	26,462	1,500
Njombe	4,439	4,439	4,439	-	1,051	1,051	820	231
Katavi	5,930	5,930	5,930	-	948	307	307	-
Simiyu	30,751	30,156	30,751	-	10,362	9,445	8,641	1,010
Geita	6,886	5,599	4,569	1,029	14,761	6,210	13,278	-
Songwe	5,305	-	4,867	-	3,498	1,496	3,498	-
<b>Mainland Tanzania</b>	<b>702,482</b>	<b>651,731</b>	<b>630,755</b>	<b>22,482</b>	<b>577,695</b>	<b>415,554</b>	<b>489,729</b>	<b>58,664</b>
Kaskazini Unguja	553	553	553	-	173	104	173	-
Kusini Unguja	150	150	150	-	376	376	376	-
Mjini Magharibi	-	-	-	-	296	-	296	-
Kaskazini Pemba	1,268	1,268	939	330	105	-	105	-
Kusini Pemba	339	339	189	150	605	-	150	-
<b>Tanzania Zanzibar</b>	<b>2,310</b>	<b>2,310</b>	<b>1,831</b>	<b>480</b>	<b>1,555</b>	<b>480</b>	<b>1,100</b>	<b>-</b>
<b>Tanzania</b>	<b>704,792</b>	<b>654,041</b>	<b>632,586</b>	<b>22,962</b>	<b>579,250</b>	<b>416,034</b>	<b>490,829</b>	<b>58,664</b>

**Cont... Table 4.41: Number of Reported Cases of Goat Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Goat Disease							
	Black Quarter				Foot and Mouth Disease (FMD)			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	18,853	3,654	18,083	770	93,820	85,749	92,393	976
Arusha	14,316	13,000	12,266	1,985	171,200	160,974	148,051	23,211
Kilimanjaro	29,780	29,780	29,361	987	74,566	65,222	63,476	8,460
Tanga	21,483	7,129	19,559	1,923	92,135	80,125	83,009	6,283
Morogoro	34,153	34,153	26,222	7,932	48,230	42,067	47,419	811
Pwani	33,989	33,989	33,666	322	122,528	133,744	113,194	9,334
Dar es Salaam	-	-	-	-	11,323	11,323	11,323	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	4,338	-	4,338	-	3,972	4,460	3,972	-
Ruvuma	5,253	1,578	3,222	1,045	4,545	4,545	4,545	-
Iringa	662	662	662	-	36,559	30,917	36,559	-
Mbeya	6,040	6,040	-	-	15,633	15,475	15,126	507
Singida	-	-	-	-	77,320	56,252	71,875	2,968
Tabora	6,603	4,746	6,000	602	10,009	8,273	9,184	182
Rukwa	3,614	3,374	2,756	858	18,287	13,407	15,730	1,884
Kigoma	17,339	17,339	13,363	3,976	59,536	46,653	51,387	7,274
Shinyanga	7,008	1,839	6,794	391	23,969	22,505	21,165	3,432
Kagera	41,436	12,313	30,471	5,746	91,982	40,990	89,522	591
Mwanza	14,534	9,600	12,778	2,234	16,178	14,021	15,273	401
Mara	438	-	438	-	26,752	25,491	25,541	1,212
Manyara	4,974	3,831	4,731	243	131,829	129,710	125,099	2,983
Njombe	379	-	379	-	3,321	3,321	2,770	551
Katavi	3,893	3,633	3,326	567	7,380	4,676	6,097	851
Simiyu	7,325	5,999	6,495	897	67,408	62,982	62,441	4,749
Geita	2,436	1,072	2,436	-	30,670	31,170	25,044	5,625
Songwe	2,311	219	2,311	-	4,073	-	4,073	-
<b>Mainland Tanzania</b>	<b>281,157</b>	<b>193,950</b>	<b>239,657</b>	<b>30,478</b>	<b>1,243,225</b>	<b>1,094,052</b>	<b>1,144,268</b>	<b>82,285</b>
Kaskazini Unguja	-	-	-	-	2,038	1,693	1,693	345
Kusini Unguja	982	-	982	-	148	148	148	-
Mjini Magharibi	130	130	130	-	-	-	-	-
Kaskazini Pemba	825	825	825	-	927	927	927	-
Kusini Pemba	127	-	127	-	5,977	5,254	5,159	593
<b>Tanzania Zanzibar</b>	<b>2,064</b>	<b>955</b>	<b>2,064</b>	<b>-</b>	<b>9,090</b>	<b>8,022</b>	<b>7,927</b>	<b>938</b>
<b>Tanzania</b>	<b>283,221</b>	<b>194,905</b>	<b>241,721</b>	<b>30,478</b>	<b>1,252,315</b>	<b>1,102,074</b>	<b>1,152,195</b>	<b>83,223</b>

**Table 4.42: Number of Agricultural Household Reported Year of Last Vaccination by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	CCPP Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	19,713	6,110	608	-	-	-	-	117,687
Arusha	27,146	23,100	2,662	1,634	299	-	634	72,961
Kilimanjaro	25,565	12,983	1,541	-	-	-	361	71,031
Tanga	12,600	5,263	1,654	243	317	-	-	69,149
Morogoro	6,609	1,091	805	128	-	254	-	17,178
Pwani	5,333	1,050	845	112	-	-	-	6,370
Dar es Salaam	8,153	2,103	-	-	-	-	-	16,322
Lindi	660	1,176	-	-	-	-	-	12,479
Mtwara	342	1,155	1,473	-	-	-	-	24,110
Ruvuma	3,648	646	237	-	-	140	416	102,338
Iringa	4,389	628	-	-	-	-	-	15,020
Mbeya	5,534	2,577	846	-	-	-	429	31,762
Singida	9,564	3,671	722	-	-	-	279	64,321
Tabora	7,676	3,674	846	-	-	-	314	73,221
Rukwa	2,681	1,210	422	-	-	-	-	36,148
Kigoma	6,803	2,721	603	-	-	-	-	77,439
Shinyanga	2,855	2,587	-	-	-	-	106	60,773
Kagera	7,327	1,554	1,089	-	-	966	-	146,255
Mwanza	2,584	2,809	-	-	-	-	-	110,750
Mara	6,506	2,641	882	-	-	-	166	51,505
Manyara	15,723	3,943	990	-	112	-	1,825	99,545
Njombe	3,506	1,333	-	149	-	-	-	14,085
Katavi	1,141	1,340	-	-	-	-	-	10,353
Simiyu	2,728	2,163	422	196	-	-	689	45,046
Geita	3,237	1,690	713	262	-	315	218	70,151
Songwe	10,546	3,074	334	-	-	-	-	57,623
<b>Mainland Tanzania</b>	<b>202,569</b>	<b>92,292</b>	<b>17,694</b>	<b>2,724</b>	<b>728</b>	<b>1,675</b>	<b>5,437</b>	<b>1,473,623</b>
Kaskazini Unguja	178	-	-	-	-	-	-	2,258
Kusini Unguja	363	215	-	-	-	-	-	2,117
Mjini Magharibi	-	-	-	-	-	-	-	2,518
Kaskazini Pemba	333	-	-	-	-	-	-	2,526
Kusini Pemba	139	-	-	-	-	-	-	7,833
<b>Tanzania Zanzibar</b>	<b>1,013</b>	<b>215</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,252</b>
<b>Tanzania</b>	<b>203,582</b>	<b>92,507</b>	<b>17,694</b>	<b>2,724</b>	<b>728</b>	<b>1,675</b>	<b>5,437</b>	<b>1,490,875</b>

**Cont.... Table 4.42: Number of Agricultural Household Reported Year of Last Vaccination by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Tetanus Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	6,266	492	-	-	-	-	452	136,907
Arusha	10,841	8,007	2,341	2,303	98	-	259	104,587
Kilimanjaro	9,539	4,320	-	-	-	-	-	97,622
Tanga	2,807	1,888	451	-	-	-	-	84,081
Morogoro	3,057	255	-	-	-	-	-	22,754
Pwani	1,367	239	481	-	-	-	-	11,624
Dar es Salaam	5,217	2,103	-	-	-	-	-	19,258
Lindi	-	-	206	-	-	-	-	14,110
Mtwara	387	348	414	-	-	-	-	25,930
Ruvuma	2,503	491	237	-	-	148	428	103,620
Iringa	1,905	-	-	-	-	-	391	17,741
Mbeya	2,807	909	-	-	-	-	199	37,232
Singida	5,429	2,995	1,043	-	-	-	481	68,607
Tabora	5,395	2,650	652	-	-	-	582	76,451
Rukwa	1,099	874	-	-	-	-	-	38,488
Kigoma	4,357	2,494	263	-	-	-	-	80,452
Shinyanga	310	323	-	-	-	-	-	65,691
Kagera	6,180	486	-	-	-	-	204	150,320
Mwanza	1,821	857	-	-	-	-	-	113,465
Mara	801	464	131	230	-	89	-	59,985
Manyara	5,645	3,376	1,379	-	-	-	704	111,033
Njombe	2,563	1,468	-	149	-	-	-	14,892
Katavi	714	1,248	-	-	-	-	-	10,872
Simiyu	2,189	1,374	422	196	-	-	539	46,523
Geita	2,954	1,223	486	262	-	315	197	71,150
Songwe	6,861	3,461	-	-	-	-	-	61,256
<b>Mainland Tanzania</b>	<b>93,012</b>	<b>42,345</b>	<b>8,506</b>	<b>3,140</b>	<b>98</b>	<b>552</b>	<b>4,436</b>	<b>1,644,651</b>
Kaskazini Unguja	-	-	-	-	-	-	-	2,437
Kusini Unguja	226	57	-	-	-	-	-	2,411
Mjini Magharibi	-	-	-	-	-	-	-	2,518
Kaskazini Pemba	89	122	-	-	-	-	-	2,647
Kusini Pemba	139	-	-	-	-	-	-	7,833
<b>Tanzania Zanzibar</b>	<b>454</b>	<b>179</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,846</b>
<b>Tanzania</b>	<b>93,466</b>	<b>42,524</b>	<b>8,506</b>	<b>3,140</b>	<b>98</b>	<b>552</b>	<b>4,436</b>	<b>1,662,497</b>

**Cont.... Table 4.42: Number of Agricultural Household Reported Year of Last Vaccination by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Brucellosis Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	3,977	737	-	-	-	-	-	139,403
Arusha	10,788	6,276	2,132	1,367	780	-	386	106,707
Kilimanjaro	13,436	3,258	182	-	-	-	-	94,605
Tanga	5,268	3,303	451	-	-	-	550	79,655
Morogoro	3,715	697	126	-	-	-	126	21,402
Pwani	2,032	152	167	-	-	-	-	11,360
Dar es Salaam	4,721	2,103	805	-	-	-	-	18,949
Lindi	250	-	-	-	-	-	190	13,876
Mtwara	387	638	-	-	-	-	-	26,054
Ruvuma	3,411	426	445	-	-	-	758	102,388
Iringa	3,427	-	-	-	-	-	-	16,609
Mbeya	2,854	803	-	-	-	-	199	37,291
Singida	5,335	3,155	344	-	-	-	-	69,722
Tabora	4,897	2,979	402	346	-	-	672	76,434
Rukwa	1,000	945	-	-	-	-	-	38,511
Kigoma	3,465	3,349	263	-	-	-	-	80,489
Shinyanga	609	537	141	115	-	-	-	64,920
Kagera	5,474	605	491	-	-	-	404	150,217
Mwanza	1,501	866	484	-	-	-	-	113,292
Mara	1,703	1,128	777	-	89	-	283	57,720
Manyara	5,684	2,651	331	-	-	-	536	112,936
Njombe	2,730	1,304	-	149	-	-	-	14,891
Katavi	941	1,134	-	-	-	-	-	10,759
Simiyu	2,409	1,535	422	196	-	-	539	46,143
Geita	2,574	2,253	486	262	-	315	217	70,480
Songwe	5,671	2,557	-	-	-	-	-	63,350
<b>Mainland Tanzania</b>	<b>98,259</b>	<b>43,391</b>	<b>8,449</b>	<b>2,435</b>	<b>869</b>	<b>315</b>	<b>4,860</b>	<b>1,638,167</b>
Kaskazini Unguja	128	-	-	-	-	-	-	2,309
Kusini Unguja	69	57	-	-	-	-	-	2,568
Mjini Magharibi	-	-	-	-	-	-	-	2,518
Kaskazini Pemba	-	89	-	-	-	-	-	2,769
Kusini Pemba	-	-	-	-	-	-	-	7,973
<b>Tanzania Zanzibar</b>	<b>197</b>	<b>146</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,137</b>
<b>Tanzania</b>	<b>98,456</b>	<b>43,537</b>	<b>8,449</b>	<b>2,435</b>	<b>869</b>	<b>315</b>	<b>4,860</b>	<b>1,656,304</b>

**Cont.... Table 4.42: Number of Agricultural Household Reported Year of Last Vaccination by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Black Quarter Disease							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	4,732	939	-	-	-	-	1,343	137,104
Arusha	8,101	6,597	3,726	1,385	95	94	89	108,349
Kilimanjaro	7,744	576	349	-	-	-	-	102,812
Tanga	2,855	887	451	-	-	-	335	84,700
Morogoro	3,123	255	-	-	-	-	-	22,688
Pwani	1,182	127	-	-	-	-	232	12,170
Dar es Salaam	2,841	1,135	-	-	-	-	-	22,601
Lindi	-	-	-	-	-	-	-	14,316
Mtwara	-	-	-	-	-	-	180	26,899
Ruvuma	2,199	151	237	-	-	-	644	104,195
Iringa	2,163	391	562	-	-	-	-	16,920
Mbeya	2,366	554	-	-	-	-	-	38,227
Singida	4,395	2,206	722	-	-	-	-	71,234
Tabora	4,846	2,857	402	-	-	-	182	77,442
Rukwa	726	592	-	-	-	-	-	39,143
Kigoma	2,683	2,092	-	-	-	-	-	82,790
Shinyanga	585	323	-	-	-	-	333	65,082
Kagera	3,966	314	-	-	-	-	-	152,910
Mwanza	767	1,208	-	-	-	-	-	114,167
Mara	969	592	144	154	-	-	84	59,760
Manyara	3,715	1,530	205	-	-	-	684	116,004
Njombe	2,676	1,468	-	149	-	-	-	14,779
Katavi	714	1,248	-	-	-	-	-	10,872
Simiyu	1,463	1,549	422	-	-	-	539	47,269
Geita	1,551	1,223	899	262	-	315	-	72,337
Songwe	5,317	2,493	641	-	-	-	-	63,127
<b>Mainland Tanzania</b>	<b>71,676</b>	<b>31,307</b>	<b>8,760</b>	<b>1,950</b>	<b>95</b>	<b>409</b>	<b>4,645</b>	<b>1,677,897</b>
Kaskazini Unguja	-	-	-	-	-	-	-	2,437
Kusini Unguja	254	99	-	-	-	-	-	2,341
Mjini Magharibi	-	43	-	-	-	-	-	2,474
Kaskazini Pemba	-	89	-	-	-	-	-	2,769
Kusini Pemba	-	-	-	-	-	-	-	7,973
<b>Tanzania Zanzibar</b>	<b>254</b>	<b>231</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,994</b>
<b>Tanzania</b>	<b>71,930</b>	<b>31,538</b>	<b>8,760</b>	<b>1,950</b>	<b>95</b>	<b>409</b>	<b>4,645</b>	<b>1,695,891</b>

**Cont.... Table 4.42: Number of Agricultural Household Reported Year of Last Vaccination by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease (FMD)							
	Year of Last Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	6,486	2,600	-	-	-	-	1,550	133,481
Arusha	14,164	8,676	4,018	586	187	-	432	100,374
Kilimanjaro	12,229	3,565	526	-	-	-	447	94,714
Tanga	4,309	3,429	614	-	483	-	392	80,001
Morogoro	3,129	255	-	-	-	-	-	22,682
Pwani	2,044	773	-	152	-	-	344	10,398
Dar es Salaam	2,841	1,135	-	-	-	-	-	22,601
Lindi	-	-	-	-	-	-	-	14,316
Mtwara	153	-	414	-	-	-	-	26,512
Ruvuma	1,821	151	524	-	-	-	656	104,274
Iringa	2,536	-	-	-	-	-	-	17,500
Mbeya	3,689	636	277	-	-	-	346	36,199
Singida	7,512	3,163	868	-	-	-	246	66,767
Tabora	5,235	3,630	652	-	-	-	-	76,213
Rukwa	2,038	592	-	-	-	-	133	37,698
Kigoma	4,709	3,381	-	-	-	-	-	79,479
Shinyanga	1,213	752	-	-	-	-	-	64,357
Kagera	6,350	549	-	-	-	-	818	149,473
Mwanza	650	718	-	286	-	-	369	114,119
Mara	2,679	571	475	-	-	-	416	57,558
Manyara	3,757	2,133	205	127	-	-	718	115,198
Njombe	3,066	1,426	-	149	-	-	-	14,432
Katavi	714	1,248	-	-	-	-	-	10,872
Simiyu	2,209	1,549	422	371	-	-	539	46,152
Geita	3,703	1,243	486	262	-	315	-	70,577
Songwe	4,958	2,142	-	-	-	-	750	63,728
<b>Mainland Tanzania</b>	<b>102,194</b>	<b>44,317</b>	<b>9,481</b>	<b>1,933</b>	<b>670</b>	<b>315</b>	<b>8,156</b>	<b>1,629,671</b>
Kaskazini Unguja	49	138	-	-	-	-	-	2,249
Kusini Unguja	309	42	-	-	-	-	-	2,343
Mjini Magharibi	-	-	-	-	-	-	-	2,518
Kaskazini Pemba	242	178	-	-	-	-	-	2,439
Kusini Pemba	966	194	-	-	-	-	-	6,813
<b>Tanzania Zanzibar</b>	<b>1,566</b>	<b>552</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>16,362</b>
<b>Tanzania</b>	<b>103,760</b>	<b>44,869</b>	<b>9,481</b>	<b>1,933</b>	<b>670</b>	<b>315</b>	<b>8,156</b>	<b>1,646,033</b>



**Table 4.43: Number of Agricultural Households Reported Main Source of Vaccine by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	CCPP					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	6,770	15,027	-	556	4,228	117,536
Arusha	10,005	46,055	-	1,528	3,536	67,313
Kilimanjaro	16,102	14,369	98	800	16,307	63,804
Tanga	6,280	9,360	127	334	4,672	68,454
Morogoro	3,920	3,206	-	178	2,012	16,750
Pwani	3,824	2,160	-	-	647	7,080
Dar es Salaam	7,307	1,981	-	-	968	16,322
Lindi	455	1,382	-	-	-	12,479
Mtwara	234	1,712	603	234	-	24,295
Ruvuma	1,714	1,715	373	-	869	102,755
Iringa	237	3,597	-	-	1,182	15,020
Mbeya	4,126	3,643	333	-	815	32,230
Singida	997	11,615	-	199	1,688	64,057
Tabora	1,621	8,364	167	1,517	3,010	71,050
Rukwa	252	2,624	-	512	925	36,148
Kigoma	4,808	4,499	-	925	1,293	76,040
Shinyanga	1,111	1,781	695	686	115	61,934
Kagera	2,323	15,189	291	299	671	138,419
Mwanza	3,026	1,095	160	558	799	110,505
Mara	4,081	2,245	-	84	4,362	50,927
Manyara	2,965	14,971	696	120	6,780	96,606
Njombe	1,472	3,981	-	-	149	13,471
Katavi	1,036	1,122	-	190	106	10,382
Simiyu	1,011	4,109	296	148	373	45,305
Geita	904	12,909	-	-	522	62,251
Songwe	2,897	13,143	506	780	1,906	52,345
<b>Mainland Tanzania</b>	<b>89,478</b>	<b>201,854</b>	<b>4,345</b>	<b>9,648</b>	<b>57,935</b>	<b>1,433,478</b>
Kaskazini Unguja	178	-	-	-	-	2,258
Kusini Unguja	182	396	-	-	-	2,117
Mjini Magharibi	-	-	-	-	-	2,518
Kaskazini Pemba	-	410	-	-	-	2,448
Kusini Pemba	-	139	-	-	-	7,833
<b>Tanzania Zanzibar</b>	<b>360</b>	<b>945</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,174</b>
<b>Tanzania</b>	<b>89,838</b>	<b>202,802</b>	<b>4,344</b>	<b>9,648</b>	<b>57,937</b>	<b>1,450,651</b>

**Cont.... Table 4.43: Number of Agricultural Households Reported Main Source of Vaccine by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Tetanus Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	960	5,269	-	154	1,283	136,452
Arusha	4,548	24,461	151	1,558	213	97,505
Kilimanjaro	6,576	8,122	98	-	5,603	91,081
Tanga	1,082	3,176	127	-	1,099	83,743
Morogoro	1,291	1,802	-	178	264	22,531
Pwani	1,138	839	-	-	127	11,606
Dar es Salaam	5,385	968	-	-	968	19,258
Lindi	-	206	-	-	-	14,110
Mtwara	591	692	180	234	-	25,382
Ruvuma	1,036	1,675	233	180	-	104,302
Iringa	-	1,905	-	-	-	18,131
Mbeya	2,555	2,251	-	-	173	36,169
Singida	997	7,891	-	199	807	68,663
Tabora	1,621	6,716	-	1,010	1,296	75,086
Rukwa	252	1,210	-	512	-	38,488
Kigoma	4,276	2,032	-	699	334	80,225
Shinyanga	197	788	-	-	-	65,337
Kagera	1,341	15,622	291	-	314	139,623
Mwanza	1,433	374	313	558	-	113,465
Mara	902	588	-	-	636	59,574
Manyara	1,273	8,219	-	-	888	111,758
Njombe	1,224	2,808	-	-	149	14,892
Katavi	856	1,030	-	190	87	10,671
Simiyu	404	3,956	296	-	231	46,356
Geita	-	11,897	-	-	1,207	63,482
Songwe	2,591	13,254	506	-	831	54,396
<b>Mainland Tanzania</b>	<b>42,529</b>	<b>127,751</b>	<b>2,195</b>	<b>5,472</b>	<b>16,510</b>	<b>1,602,286</b>
Kaskazini Unguja	-	-	-	-	-	2,437
Kusini Unguja	57	226	-	-	-	2,411
Mjini Magharibi	-	-	-	-	-	2,518
Kaskazini Pemba	-	211	-	-	-	2,647
Kusini Pemba	-	139	-	-	-	7,833
<b>Tanzania Zanzibar</b>	<b>57</b>	<b>576</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,846</b>
<b>Tanzania</b>	<b>42,585</b>	<b>128,326</b>	<b>2,195</b>	<b>5,472</b>	<b>16,509</b>	<b>1,620,134</b>

**Cont.... Table 4.43: Number of Agricultural Households Reported Main Source of Vaccine by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Brucellosis Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	300	3,067	-	-	2,065	138,686
Arusha	3,723	25,774	139	779	779	97,242
Kilimanjaro	7,176	6,046	154	-	11,414	86,690
Tanga	2,695	4,974	127	-	2,245	79,186
Morogoro	1,669	2,218	-	-	264	21,916
Pwani	1,893	485	-	-	110	11,222
Dar es Salaam	3,875	1,981	-	-	968	19,754
Lindi	-	250	-	-	-	14,066
Mtwara	-	387	-	-	638	26,054
Ruvuma	1,196	1,771	233	361	410	103,456
Iringa	465	2,962	-	-	-	16,609
Mbeya	2,734	1,533	-	-	199	36,681
Singida	613	7,110	-	199	1,059	69,575
Tabora	1,645	5,997	209	1,010	1,446	75,423
Rukwa	252	1,068	-	-	165	38,975
Kigoma	4,664	2,226	-	1,206	442	79,028
Shinyanga	736	790	114	-	-	64,682
Kagera	858	13,573	973	-	674	141,113
Mwanza	1,672	383	-	209	239	113,641
Mara	1,272	770	-	-	1,946	57,711
Manyara	1,382	6,778	-	-	2,851	111,127
Njombe	1,388	3,059	-	-	149	14,477
Katavi	856	1,030	-	190	-	10,759
Simiyu	604	3,956	296	-	161	46,226
Geita	497	12,816	-	-	515	62,759
Songwe	1,597	12,496	506	-	713	56,266
<b>Mainland Tanzania</b>	<b>43,762</b>	<b>123,500</b>	<b>2,751</b>	<b>3,954</b>	<b>29,452</b>	<b>1,593,324</b>
Kaskazini Unguja	77	-	-	-	-	2,360
Kusini Unguja	57	69	-	-	-	2,568
Mjini Magharibi	-	-	-	-	-	2,518
Kaskazini Pemba	-	89	-	-	-	2,769
Kusini Pemba	-	139	-	-	-	7,833
<b>Tanzania Zanzibar</b>	<b>134</b>	<b>297</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,048</b>
<b>Tanzania</b>	<b>43,895</b>	<b>123,796</b>	<b>2,750</b>	<b>3,954</b>	<b>29,452</b>	<b>1,611,372</b>

**Cont.... Table 4.43: Number of Agricultural Households Reported Main Source of Vaccine by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Black Quarter Disease					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not applicable
Dodoma	506	4,114	-	-	792	138,706
Arusha	4,001	23,572	-	655	497	99,712
Kilimanjaro	6,096	3,673	98	-	4,029	97,584
Tanga	213	3,037	-	-	943	85,034
Morogoro	1,486	1,802	-	-	264	22,515
Pwani	823	485	-	-	-	12,402
Dar es Salaam	1,828	2,149	-	-	-	22,601
Lindi	-	-	-	-	-	14,316
Mtwara	-	153	-	-	-	26,926
Ruvuma	708	1,467	233	180	-	104,839
Iringa	-	2,232	-	-	391	17,413
Mbeya	2,554	1,580	-	-	-	37,014
Singida	322	6,409	-	199	807	70,820
Tabora	1,423	5,700	209	1,010	1,566	75,822
Rukwa	252	927	-	-	138	39,143
Kigoma	3,323	1,605	-	233	-	82,405
Shinyanga	197	674	-	390	-	65,061
Kagera	829	12,541	291	-	595	142,935
Mwanza	1,481	-	286	209	221	113,947
Mara	393	697	-	-	1,356	59,254
Manyara	471	5,452	-	-	-	116,214
Njombe	1,388	2,940	-	-	149	14,596
Katavi	742	1,030	-	190	-	10,872
Simiyu	401	3,599	296	-	-	46,946
Geita	-	11,737	-	-	-	64,849
Songwe	1,224	11,784	506	-	910	57,154
<b>Mainland Tanzania</b>	<b>30,661</b>	<b>109,359</b>	<b>1,919</b>	<b>3,066</b>	<b>12,658</b>	<b>1,639,080</b>
Kaskazini Unguja	-	-	-	-	-	2,437
Kusini Unguja	127	226	-	-	-	2,341
Mjini Magharibi	-	43	-	-	-	2,474
Kaskazini Pemba	-	89	-	-	-	2,769
Kusini Pemba	-	-	-	-	-	7,973
<b>Tanzania Zanzibar</b>	<b>127</b>	<b>358</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17,994</b>
<b>Tanzania</b>	<b>30,788</b>	<b>109,719</b>	<b>1,918</b>	<b>3,066</b>	<b>12,656</b>	<b>1,657,073</b>

**Cont.... Table 4.43: Number of Agricultural Households Reported Main Source of Vaccine by Goat Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease (FMD)					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	1,413	4,353	-	154	1,951	136,247
Arusha	4,963	26,684	336	1,637	1,210	93,606
Kilimanjaro	7,339	5,459	98	-	11,878	86,706
Tanga	2,080	4,718	-	-	1,667	80,762
Morogoro	1,211	2,135	-	-	566	22,155
Pwani	1,572	402	-	-	500	11,237
Dar es Salaam	2,963	1,013	-	-	-	22,601
Lindi	-	-	-	-	-	14,316
Mtwara	-	153	180	234	-	26,512
Ruvuma	443	1,354	233	468	-	104,929
Iringa	465	1,670	-	-	401	17,500
Mbeya	2,535	2,720	-	-	568	35,325
Singida	1,384	7,273	-	199	2,214	67,487
Tabora	1,423	6,053	375	1,232	1,761	74,886
Rukwa	636	927	-	512	773	37,612
Kigoma	4,226	2,032	-	233	1,392	79,683
Shinyanga	619	781	114	138	115	64,555
Kagera	1,440	14,082	665	-	439	140,564
Mwanza	909	256	286	209	1,440	113,044
Mara	1,287	858	-	-	2,081	57,473
Manyara	1,253	5,327	-	-	1,851	113,707
Njombe	1,224	3,536	-	-	149	14,164
Katavi	742	1,030	-	190	60	10,812
Simiyu	908	3,795	296	-	-	46,244
Geita	931	12,411	-	-	1,168	62,077
Songwe	1,224	11,210	506	-	551	58,086
<b>Mainland Tanzania</b>	<b>43,190</b>	<b>120,232</b>	<b>3,089</b>	<b>5,206</b>	<b>32,735</b>	<b>1,592,290</b>
Kaskazini Unguja	138	123	-	-	-	2,176
Kusini Unguja	125	226	-	-	-	2,343
Mjini Magharibi	-	-	-	-	-	2,518
Kaskazini Pemba	89	331	-	-	-	2,439
Kusini Pemba	471	689	-	-	225	6,587
<b>Tanzania Zanzibar</b>	<b>823</b>	<b>1,369</b>	<b>-</b>	<b>-</b>	<b>225</b>	<b>16,063</b>
<b>Tanzania</b>	<b>44,014</b>	<b>121,601</b>	<b>3,089</b>	<b>5,205</b>	<b>32,959</b>	<b>1,608,352</b>

**Table 4.44: Number of Households Reported Goat Milk Production by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Household		Total
	Produced Milk	Did Not Produce Milk	
Dodoma	-	144,117	144,117
Arusha	23,172	105,265	128,437
Kilimanjaro	7,171	104,310	111,481
Tanga	1,474	87,753	89,227
Morogoro	411	25,656	26,067
Pwani	119	13,592	13,711
Dar es Salaam	1,981	24,597	26,578
Lindi	-	14,316	14,316
Mtwara	234	26,844	27,078
Ruvuma	151	107,276	107,427
Iringa	339	19,697	20,036
Mbeya	179	40,968	41,147
Singida	199	78,357	78,556
Tabora	-	85,729	85,729
Rukwa	-	40,460	40,460
Kigoma	-	87,566	87,566
Shinyanga	-	66,322	66,322
Kagera	1,340	155,851	157,191
Mwanza	-	116,143	116,143
Mara	-	61,700	61,700
Manyara	2,034	120,103	122,137
Njombe	-	19,073	19,073
Katavi	-	12,834	12,834
Simiyu	-	51,243	51,243
Geita	-	76,586	76,586
Songwe	-	71,577	71,577
<b>Mainland Tanzania</b>	<b>38,804</b>	<b>1,757,935</b>	<b>1,796,739</b>
Kaskazini Unguja	-	2,437	2,437
Kusini Unguja	69	2,625	2,694
Mjini Magharibi	-	2,518	2,518
Kaskazini Pemba	-	2,858	2,858
Kusini Pemba	-	7,973	7,973
<b>Tanzania Zanzibar</b>	<b>69</b>	<b>18,411</b>	<b>18,480</b>
<b>Tanzania</b>	<b>38,873</b>	<b>1,776,346</b>	<b>1,815,219</b>

**Table 4.45: Number of Milked Goats, Milk Production per Goat per Day, Lactation Length and by Season and Region, During 2019/20 Agricultural Year, Tanzania**

Region	Number of Milked Goats		Average Milk Production per Goat per day (Litres)		Average Number of Days Goats on Milked		Total Milk Production (Litres)
	Wet Season	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season	
Dodoma	-	-	-	-	-	-	-
Arusha	61,743	26,520	3	3	54	53	11,671,725
Kilimanjaro	14,608	6,667	3	3	48	52	2,457,317
Tanga	9,147	5,546	3	2	54	53	1,661,640
Morogoro	3,946	3,208	3	3	36	30	489,065
Pwani	322	322	3	3	58	54	108,256
Dar es Salaam	248	248	2	2	42	51	43,865
Lindi	-	-	-	-	-	-	-
Mtwara	3,171	1,269	2	3	46	41	447,785
Ruvuma	490	-	-	-	-	-	-
Iringa	3,221	-	2	-	57	-	367,179
Mbeya	358	-	3	-	48	-	51,618
Singida	1,348	1,348	3	3	58	20	315,334
Tabora	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-
Kagera	2,722	1,851	3	3	56	57	615,025
Mwanza	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-
Manyara	10,111	18,346	3	2	51	48	2,941,877
Njombe	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>111,435</b>	<b>65,325</b>	<b>3</b>	<b>3</b>	<b>53</b>	<b>52</b>	<b>21,170,686</b>
Kaskazini Unguja	-	-	-	-	-	-	-
Kusini Unguja	376	376	2	3	60	60	112,702
Mjini Magharibi	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>376</b>	<b>376</b>	<b>2</b>	<b>3</b>	<b>60</b>	<b>60</b>	<b>112,702</b>
<b>Tanzania</b>	<b>111,811</b>	<b>65,701</b>	<b>3</b>	<b>3</b>	<b>53</b>	<b>52</b>	<b>21,283,388</b>

**Table 4.46: Quantity of Goat Milk Consumed, Sold by Household and Average Price by Season and Region During 2019/20 Agricultural Year, Tanzania**

Region	Wet Season				Dry Season			
	Quantity produced	Milk consumed by the Households (Litres)	Amount of Milk Sold (Litres)	Average price per Litre (TZS)	Quantity produced	Milk consumed by the Households (Litres)	Amount of Milk Sold (Litres)	Average price per Litre (TZS)
Dodoma	-	-	-	-	-	-	-	-
Arusha	8,155,751	1,640,697	398,055	2,463	3,515,974	503,495	2,774	2,204
Kilimanjaro	1,671,802	1,032,357	-	-	785,515	351,486	-	-
Tanga	1,257,349	176,449	48,056	2,543	404,291	73,801	-	-
Morogoro	266,763	266,763	-	-	222,302	222,302	-	-
Pwani	56,061	28,997	-	-	52,195	14,499	-	-
Dar es Salaam	19,974	9,987	5,807	2,500	23,891	11,946	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	291,758	72,939	72,939	2,882	156,027	52,009	-	-
Ruvuma	-	-	-	-	-	-	-	-
Iringa	367,179	67,786	-	-	-	-	-	-
Mbeya	51,618	25,809	25,809	2,878	-	-	-	-
Singida	234,479	234,479	-	-	80,855	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	358,949	274,359	-	-	256,076	256,076	-	-
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	1,277,721	359,086	45,552	2,000	1,664,156	74,223	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>14,009,404</b>	<b>4,189,708</b>	<b>596,218</b>	<b>2,550</b>	<b>7,161,282</b>	<b>1,559,837</b>	<b>2,774</b>	<b>2,204</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	45,081	-	22,540	2,000	67,621	-	22,540	2,000
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>45,081</b>	<b>-</b>	<b>22,540</b>	<b>2,000</b>	<b>67,621</b>	<b>-</b>	<b>22,540</b>	<b>2,000</b>
<b>Tanzania</b>	<b>14,054,485</b>	<b>4,189,708</b>	<b>618,758</b>	<b>2,531</b>	<b>7,228,903</b>	<b>1,559,837</b>	<b>25,314</b>	<b>2,082</b>



**Table 4.47: Number of Agricultural Household by Goat Milk Outlet and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sale							
	Neighbour	Local Market/Trade Store	Private Milk Collection centres	Farmers' Cooperative Milk Collection Centres	Farmers Organization Milk Collection Centres	Largescale Farm	Trader at Farm	Other
Dodoma	-	-	-	-	-	-	-	-
Arusha	1,161	160	-	-	-	-	234	137
Kilimanjaro	452	-	-	-	-	-	-	-
Tanga	471	-	-	-	-	-	-	-
Morogoro	264	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-
Dar es Salaam	968	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	234
Ruvuma	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	179	-	-	-	-	-	-	-
Singida	-	-	-	-	-	-	-	-
Tabora	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-	-	-
Kagera	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	584	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>4,079</b>	<b>160</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>234</b>	<b>371</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	139	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>139</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>4,079</b>	<b>299</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>234</b>	<b>371</b>

## **SHEEP: POPULATION, PRODUCTS AND DISEASES**

**Table 4.48: Number and Percentage of Households Rearing Sheep by Region During 2019/20 Agricultural Year, Tanzania**

Region	Raising Sheep		Not Raising Sheep		Total Agricultural Households
	Number of Households	Percent	Number of Households	Percent	
Dodoma	62,602	12.3	447,546	87.7	510,148
Arusha	100,769	45.6	120,246	54.4	221,015
Kilimanjaro	46,983	16.0	247,328	84.0	294,311
Tanga	34,794	9.9	316,617	90.1	351,411
Morogoro	7,380	1.8	405,836	98.2	413,216
Pwani	3,670	1.7	214,251	98.3	217,921
Dar es Salaam	4,344	1.0	409,956	99.0	414,300
Lindi	562	0.2	229,102	99.8	229,664
Mtwara	1,068	0.4	303,966	99.6	305,034
Ruvuma	4,437	1.3	327,583	98.7	332,020
Iringa	6,106	2.9	203,380	97.1	209,486
Mbeya	8,055	2.1	372,583	97.9	380,638
Singida	40,433	14.8	232,229	85.2	272,662
Tabora	40,982	11.1	328,989	88.9	369,971
Rukwa	6,784	3.1	211,465	96.9	218,249
Kigoma	14,744	4.2	333,634	95.8	348,378
Shinyanga	30,327	14.8	174,599	85.2	204,926
Kagera	16,776	3.5	466,243	96.5	483,019
Mwanza	47,301	11.6	358,733	88.4	406,034
Mara	31,265	13.4	202,666	86.6	233,931
Manyara	84,042	30.9	188,182	69.1	272,224
Njombe	2,616	1.6	157,492	98.4	160,108
Katavi	2,968	3.9	73,899	96.1	76,867
Simiyu	49,962	27.7	130,727	72.3	180,689
Geita	19,144	7.1	249,998	92.9	269,142
Songwe	8,966	3.2	272,855	96.8	281,821
<b>Mainland Tanzania</b>	<b>677,080</b>	<b>8.8</b>	<b>6,980,105</b>	<b>91.2</b>	<b>7,657,185</b>
Kaskazini Unguja	-	-	31,594	100.0	31,594
Kusini Unguja	-	-	17,593	100.0	17,593
Mjini Magharibi	50	0.1	35,823	99.9	35,873
Kaskazini Pemba	-	-	40,781	100.0	40,781
Kusini Pemba	142	0.3	54,237	99.7	54,379
<b>Tanzania Zanzibar</b>	<b>192</b>	<b>0.1</b>	<b>180,028</b>	<b>99.9</b>	<b>180,220</b>
<b>Tanzania</b>	<b>677,272</b>	<b>8.6</b>	<b>7,160,133</b>	<b>91.4</b>	<b>7,837,405</b>

**Table 4.49: Number and Percentage of Sheep by Type and Region as of 1st August 2020, Tanzania**

Region	Indigenous			Improved for Mutton			Total Sheep
	Number of Households	Number of Sheep	Percent	Number of Households	Number of Sheep	Percent	
Dodoma	62,602	444,725	100	1,334	-	-	444,725
Arusha	99,985	1,563,157	99.2	2,504	12,934	0.8	1,576,091
Kilimanjaro	46,185	476,164	99.2	472	4,050	0.8	480,214
Tanga	34,103	349,148	98.8	894	4,413	1.2	353,561
Morogoro	7,155	182,017	100	279	-	-	182,017
Pwani	2,935	169,942	100	481	-	-	169,942
Dar es Salaam	4,344	5,986	100	1,062	-	-	5,986
Lindi	562	20,092	100	-	-	-	20,092
Mtwara	1,068	13,599	100	-	-	-	13,599
Ruvuma	4,437	23,274	100	-	-	-	23,274
Iringa	5,988	173,394	100	118	-	-	173,394
Mbeya	8,055	75,590	100	-	-	-	75,590
Singida	40,433	355,455	97.6	2,314	8,639	2.4	364,094
Tabora	40,760	314,756	98.9	1,912	3,440	1.1	318,196
Rukwa	6,784	167,915	100	-	-	-	167,915
Kigoma	14,744	209,634	100	-	-	-	209,634
Shinyanga	30,047	345,824	100	486	-	-	345,824
Kagera	16,777	160,619	100	-	-	-	160,619
Mwanza	46,751	604,674	100	209	-	-	604,674
Mara	31,265	599,089	100	326	-	-	599,089
Manyara	83,596	920,246	98.2	3,267	17,295	1.8	937,541
Njombe	2,616	24,680	100	320	-	-	24,680
Katavi	2,968	79,688	100	180	-	-	79,688
Simiyu	49,534	797,322	99.7	534	2,700	0.3	800,022
Geita	19,144	300,581	100	204	-	-	300,581
Songwe	8,966	61,002	100	532	-	-	61,002
<b>Mainland Tanzania</b>	<b>671,804</b>	<b>8,438,573</b>	<b>99.4</b>	<b>17,428</b>	<b>53,471</b>	<b>0.6</b>	<b>8,492,044</b>
Kaskazini Unguja	-	-		-	-	-	-
Kusini Unguja	-	-		-	-	-	-
Mjini Magharibi	50	301	100	-	-	-	301
Kaskazini Pemba	-	-		-	-	-	-
Kusini Pemba	142	570	100	-	-	-	570
<b>Tanzania Zanzibar</b>	<b>192</b>	<b>871</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>871</b>
<b>Tanzania</b>	<b>671,996</b>	<b>8,439,444</b>	<b>99.4</b>	<b>17,428</b>	<b>53,471</b>	<b>0.6</b>	<b>8,492,915</b>

**Table 4.50: Number of Sheep by Type, Category and Region as of 1st August 2020, Tanzania**

Region	Indigenous						Improved for Mutton					
	Ram	Castrated Sheep	Ewe (She Sheep)	Male Lamb	She Lamb	Total	Ram	Castrated Sheep	Ewe (She Sheep)	Male Lamb	She Lamb	Total
Dodoma	83,684	7,921	243,520	66,209	43,391	444,725	-	-	-	-	-	-
Arusha	150,084	114,420	885,827	183,918	228,908	1,563,157	1,051	792	6,083	2,998	2,012	12,936
Kilimanjaro	60,579	30,761	254,522	67,163	63,140	476,165	-	-	753	2,400	897	4,050
Tanga	38,535	16,175	197,873	45,523	51,043	349,149	550	-	2,788	774	301	4,413
Morogoro	33,027	1,996	105,435	16,874	24,685	182,017	-	-	-	-	-	-
Pwani	17,013	3,591	99,980	27,870	21,488	169,942	-	-	-	-	-	-
Dar es Salaam	1,552	531	1,827	566	1,510	5,986	-	-	-	-	-	-
Lindi	4,870	-	10,351	2,436	2,436	20,093	-	-	-	-	-	-
Mtwara	1,262	-	7,129	1,488	3,720	13,599	-	-	-	-	-	-
Ruvuma	4,251	-	13,872	2,000	3,151	23,274	-	-	-	-	-	-
Iringa	32,697	4,909	83,668	21,215	30,905	173,394	-	-	-	-	-	-
Mbeya	17,845	4,189	37,815	6,748	8,993	75,590	-	-	-	-	-	-
Singida	73,375	2,723	185,036	49,181	45,140	355,455	3,241	-	1,044	2,854	1,500	8,639
Tabora	69,354	3,372	180,659	29,452	31,920	314,757	753	-	339	1,669	679	3,440
Rukwa	24,105	1,957	90,967	26,395	24,491	167,915	-	-	-	-	-	-
Kigoma	34,409	-	116,984	30,316	27,925	209,634	-	-	-	-	-	-
Shinyanga	62,655	3,530	197,974	43,125	38,540	345,824	-	-	-	-	-	-
Kagera	50,669	2,415	84,775	9,846	12,913	160,618	-	-	-	-	-	-
Mwanza	122,497	2,680	355,217	59,292	64,987	604,673	-	-	-	-	-	-
Mara	115,697	6,952	304,917	72,865	98,658	599,089	-	-	-	-	-	-
Manyara	145,881	17,084	466,889	129,709	160,683	920,246	4,245	1,071	10,460	770	747	17,293
Njombe	4,821	-	14,608	3,586	1,664	24,679	-	-	-	-	-	-
Katavi	8,791	2,590	45,228	11,052	12,028	79,689	-	-	-	-	-	-
Simiyu	135,364	2,515	436,661	107,944	114,839	797,323	-	-	1,376	217	1,107	2,700
Geita	57,621	4,898	158,861	42,962	36,238	300,580	-	-	-	-	-	-
Songwe	11,339	928	29,467	9,241	10,027	61,002	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>1,361,977</b>	<b>236,137</b>	<b>4,610,062</b>	<b>1,066,976</b>	<b>1,163,423</b>	<b>8,438,575</b>	<b>9,840</b>	<b>1,863</b>	<b>22,843</b>	<b>11,682</b>	<b>7,243</b>	<b>53,471</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	50	-	150	50	50	300	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	142	-	285	-	142	569	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>192</b>	<b>-</b>	<b>435</b>	<b>50</b>	<b>192</b>	<b>869</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>1,362,169</b>	<b>236,137</b>	<b>4,610,497</b>	<b>1,067,026</b>	<b>1,163,615</b>	<b>8,439,444</b>	<b>9,840</b>	<b>1,863</b>	<b>22,843</b>	<b>11,682</b>	<b>7,243</b>	<b>53,471</b>

**Table 4.51: Number and Percentage of Households Rearing Sheep and Heads of Sheep by Flock Size as of 1<sup>st</sup> August 2020, Tanzania**

Flock Size	Sheep Rearing Households		Total Sheep		Average Number of Sheep per Household
	Number	Percent	Number	Percent	
1 - 4	284,453	42.2	1,007,326	11.9	4
5 - 9	192,439	28.5	1,705,419	20.1	9
10 - 15	81,292	12.0	1,198,591	14.1	15
15 - 19	40,262	6.0	763,692	9.0	19
20 - 24	24,566	3.6	670,929	7.9	27
25 - 29	8,942	1.3	237,689	2.8	27
30 - 34	6,858	1.0	248,555	2.9	36
35 - 39	5,778	0.9	187,226	2.2	32
40+	30,240	4.5	2,473,488	29.1	82
<b>Total</b>	<b>674,830</b>	<b>100.0</b>	<b>8,492,915</b>	<b>100.0</b>	<b>13</b>

**Table 4.52: Number and Percentage of Households Rearing Sheep and Heads of Sheep by Flock Size as of 1<sup>st</sup> August 2020, Mainland Tanzania**

Flock Size	Sheep Rearing Households		Total Sheep		Average Number of Sheep per Household
	Number	Percent	Number	Percent	
1 - 4	284,310	42.1	1,006,756	11.9	4
5 - 9	192,389	28.5	1,705,119	20.1	9
10 - 15	81,292	12.0	1,198,591	14.1	15
15 - 19	40,262	6.0	763,692	9.0	19
20 - 24	24,566	3.6	670,929	7.9	27
25 - 29	8,942	1.3	237,689	2.8	27
30 - 34	6,858	1.0	248,555	2.9	36
35 - 39	5,778	0.9	187,226	2.2	32
40+	30,240	4.5	2,473,488	29.1	82
<b>Total</b>	<b>674,637</b>	<b>100.0</b>	<b>8,492,045</b>	<b>100.0</b>	<b>13</b>

**Table 4.53: Number and Percentage of Households Rearing Sheep and Heads of Sheep by Flock Size as of 1<sup>st</sup> August 2020, Tanzania Zanzibar**

Flock Size	Sheep Rearing Households		Total Sheep		Average Number of Sheep per Household
	Number	Percent	Number	Percent	
1 - 4	142	74.0	569	65.4	4
5 - 9	50	26.0	301	34.6	6
10 - 15	0	-	0	-	-
15 - 19	0	-	0	-	-
20 - 24	0	-	0	-	-
25 - 29	0	-	0	-	-
30 - 34	0	-	0	-	-
35 - 39	0	-	0	-	-
40+	0	-	0	-	-
<b>Total</b>	<b>192</b>	<b>100.0</b>	<b>870</b>	<b>100.0</b>	<b>5</b>

**Table 4.54: Number and Percentage of Sheep by Type and Category as of 1<sup>st</sup> August 2020, Tanzania**

Sheep Category	Indigenous		Improved for Mutton	
	Number	Percent	Number	Percent
Ram	1,362,168	16.1	9,839	18.4
Castrated Sheep	236,136	2.8	1,863	3.5
Ewe (She Sheep)	4,610,497	54.6	22,844	42.7
Male Lamb	1,067,027	12.6	11,681	21.8
She Lamb	1,163,616	13.8	7,243	13.5
<b>Total</b>	<b>8,439,444</b>	<b>100.0</b>	<b>53,470</b>	<b>100.0</b>

**Table 4.55: Number and Percentage of Indigenous Sheep by Category and Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Sheep Category										
	Ram		Castrated Sheep		Ewe (She Sheep)		Male Lamb		She Lamb		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	83,684	18.8	7,921	1.8	243,520	54.8	66,209	14.9	43,391	9.8	444,725
Arusha	150,084	9.6	114,420	7.3	885,827	56.7	183,918	11.8	228,908	14.6	1,563,157
Kilimanjaro	60,579	12.7	30,761	6.5	254,522	53.5	67,163	14.1	63,140	13.3	476,164
Tanga	38,535	11.0	16,175	4.6	197,873	56.7	45,523	13.0	51,043	14.6	349,148
Morogoro	33,027	18.1	1,996	1.1	105,435	57.9	16,874	9.3	24,685	13.6	182,017
Pwani	17,013	10.0	3,591	2.1	99,980	58.8	27,870	16.4	21,488	12.6	169,942
Dar es Salaam	1,552	25.9	531	8.9	1,827	30.5	566	9.5	1,510	25.2	5,986
Lindi	4,870	24.2	-	-	10,351	51.5	2,436	12.1	2,436	12.1	20,092
Mtwara	1,262	9.3	-	-	7,129	52.4	1,488	10.9	3,720	27.4	13,599
Ruvuma	4,251	18.3	-	-	13,872	59.6	2,000	8.6	3,151	13.5	23,274
Iringa	32,697	18.9	4,909	2.8	83,668	48.3	21,215	12.2	30,905	17.8	173,394
Mbeya	17,845	23.6	4,189	5.5	37,815	50.0	6,748	8.9	8,993	11.9	75,590
Singida	73,375	20.6	2,723	0.8	185,036	52.1	49,181	13.8	45,140	12.7	355,455
Tabora	69,354	22.0	3,372	1.1	180,659	57.4	29,452	9.4	31,920	10.1	314,756
Rukwa	24,105	14.4	1,957	1.2	90,967	54.2	26,395	15.7	24,491	14.6	167,915
Kigoma	34,409	16.4	-	-	116,984	55.8	30,316	14.5	27,925	13.3	209,634
Shinyanga	62,655	18.1	3,530	1.0	197,974	57.2	43,125	12.5	38,540	11.1	345,824
Kagera	50,669	31.5	2,415	1.5	84,775	52.8	9,846	6.1	12,913	8.0	160,619
Mwanza	122,497	20.3	2,680	0.4	355,217	58.7	59,292	9.8	64,987	10.7	604,674
Mara	115,697	19.3	6,952	1.2	304,917	50.9	72,865	12.2	98,658	16.5	599,089
Manyara	145,881	15.9	17,084	1.9	466,889	50.7	129,709	14.1	160,683	17.5	920,246
Njombe	4,821	19.5	-	-	14,608	59.2	3,586	14.5	1,664	6.7	24,680
Katavi	8,791	11.0	2,590	3.3	45,228	56.8	11,052	13.9	12,028	15.1	79,688
Simiyu	135,364	17.0	2,515	0.3	436,661	54.8	107,944	13.5	114,839	14.4	797,322
Geita	57,621	19.2	4,898	1.6	158,861	52.9	42,962	14.3	36,238	12.1	300,581
Songwe	11,339	18.6	928	1.5	29,467	48.3	9,241	15.1	10,027	16.4	61,002
Mainland Tanzania	1,361,977	16.1	236,137	2.8	4,610,062	54.6	1,066,976	12.6	1,163,423	13.8	8,438,573
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	50	16.6	-	-	150	49.8	50	16.6	50	16.6	301
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	142	24.9	-	-	285	50.0	-	-	142	24.9	570
Tanzania Zanzibar	192	22.0	-	-	435	49.9	50	5.7	192	22.0	871
Tanzania	1,362,169	16.1	236,137	2.8	4,610,497	54.6	1,067,026	12.6	1,163,615	13.8	8,439,444

**Table 4.56: Number and Percentage of Improved Sheep for Mutton by Category and Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Sheep Category										
	Ram		Castrated Sheep		Ewe (She Sheep)		Male Lamb		She Lamb		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	-		-		-		-		-		-
Arusha	1,051	8.1	792	6.1	6,083	47.0	2,998	23.2	2,012	15.6	12,934
Kilimanjaro	-	-	-	-	753	18.6	2,400	59.3	897	22.1	4,050
Tanga	550	12.5	-	-	2,788	63.2	774	17.5	301	6.8	4,413
Morogoro	-						-				-
Pwani	-						-				-
Dar es Salaam	-						-				-
Lindi	-						-				-
Mtwara	-						-				-
Ruvuma	-						-				-
Iringa	-						-				-
Mbeya	-						-				-
Singida	3,241	37.5	-	-	1,044	12.1	2,852	33.0	1,500	17.4	8,639
Tabora	753	21.9	-	-	339	9.9	1,669	48.5	679	19.7	3,440
Rukwa	-						-				-
Kigoma	-						-				-
Shinyanga	-						-				-
Kagera	-						-				-
Mwanza	-						-				-
Mara	-						-				-
Manyara	4,245	24.5	1,072	6.2	10,461	60.5	770	4.5	747	4.3	17,295
Njombe	-						-				-
Katavi	-						-				-
Simiyu	-	-	-	-	1,376	51.0	217	8.0	1,107	41.0	2,700
Geita	-						-				-
Songwe	-						-				-
Mainland Tanzania	9,840	18.4	1,864	3.5	22,844	42.7	11,680	21.8	7,243	13.5	53,471
Kaskazini Unguja	-										-
Kusini Unguja	-										-
Mjini Magharibi	-										-
Kaskazini Pemba	-										-
Kusini Pemba	-										-
Tanzania Zanzibar											
Tanzania	9,840	18.4	1,864	3.5	22,844	42.7	11,680	21.8	7,243	13.5	53,471



**Table 4.57: Number of Sheep Intake by Category of Sheep and Region During 2019/20 Agricultural Year, Tanzania**

Region	Ram			Castrated Sheep			She Sheep		
	Number Purchased	Number Given/Obtained	Total Intake	Number Purchased	Number Given/Obtained	Total Intake	Number Purchased	Number Given/Obtained	Total Intake
Dodoma	1,690	960	2,650	-	-	-	4,872	2,631	7,503
Arusha	8,310	3,458	11,768	3,672	1,732	5,404	20,130	6,575	26,705
Kilimanjaro	1,078	2,129	3,207	326	343	669	3,128	1,897	5,025
Tanga	3,550	567	4,117	3,831	284	4,115	9,941	2,831	12,772
Morogoro	1,766	485	2,251	-	-	-	2,396	2,128	4,524
Pwani	1,035	-	1,035	690	608	1,298	5,304	608	5,912
Dar es Salaam	265	265	530	-	-	-	-	-	-
Lindi	-	3,652	3,652	-	-	-	-	1,826	1,826
Mtwara	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-
Mbeya	206	-	206	-	-	-	807	166	973
Singida	2,118	-	2,118	-	-	-	3,787	714	4,501
Tabora	182	414	596	-	-	-	1,910	2,405	4,315
Rukwa	698	-	698	-	-	-	1,480	-	1,480
Kigoma	1,964	889	2,853	-	-	-	10,294	1,096	11,390
Shinyanga	1,323	286	1,609	-	-	-	6,740	4,408	11,148
Kagera	816	8,424	9,240	-	-	-	2,775	11,925	14,700
Mwanza	2,273	5,503	7,776	-	-	-	26,990	1,638	28,628
Mara	1,968	631	2,599	315	-	315	5,068	1,051	6,119
Manyara	4,406	412	4,818	219	-	219	5,153	1,117	6,270
Njombe	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-
Simiyu	10,308	1,732	12,040	-	-	-	9,105	4,484	13,589
Geita	1,370	1,017	2,387	-	-	-	12,868	2,008	14,876
Songwe	-	-	-	-	1,227	1,227	243	-	243
<b>Mainland Tanzania</b>	<b>45,326</b>	<b>30,824</b>	<b>76,150</b>	<b>9,053</b>	<b>4,194</b>	<b>13,247</b>	<b>132,991</b>	<b>49,508</b>	<b>182,499</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>45,326</b>	<b>30,824</b>	<b>76,150</b>	<b>9,053</b>	<b>4,194</b>	<b>13,247</b>	<b>132,991</b>	<b>49,508</b>	<b>182,499</b>

**Cont... Table 4.57: Number of Sheep Intake by Category of Sheep and Region During 2019/20 Agricultural Year, Tanzania**

Region	Male Lamb				She Lamb				Total			
	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake
Dodoma	-	405	67,479	67,884	-	1,021	47,922	48,943	6,562	5,017	115,401	126,980
Arusha	2,741	652	194,393	197,786	6,792	1,047	237,550	245,389	41,645	13,464	431,943	487,052
Kilimanjaro	-	-	73,152	73,152	-	-	68,755	68,755	4,532	4,369	141,907	150,808
Tanga	-	-	52,919	52,919	1,225	1,439	60,828	63,492	18,547	5,121	113,747	137,415
Morogoro	630	-	22,374	23,004	-	-	26,568	26,568	4,792	2,613	48,942	56,347
Pwani	-	-	30,346	30,346	-	-	30,656	30,656	7,029	1,216	61,002	69,247
Dar es Salaam	-	-	566	566	-	-	1,510	1,510	265	265	2,076	2,606
Lindi	-	-	2,436	2,436	-	-	2,436	2,436	-	5,478	4,872	10,350
Mtwara	-	-	1,488	1,488	-	-	3,720	3,720	-	-	5,208	5,208
Ruvuma	-	-	2,000	2,000	-	-	3,151	3,151	-	-	5,151	5,151
Iringa	-	-	26,386	26,386	-	-	36,326	36,326	-	-	62,712	62,712
Mbeya	231	-	6,979	7,210	-	-	10,646	10,646	1,244	166	17,625	19,035
Singida	-	-	52,035	52,035	-	362	46,640	47,002	5,905	1,076	98,675	105,656
Tabora	-	-	31,702	31,702	547	-	33,767	34,314	2,639	2,819	65,469	70,927
Rukwa	-	-	27,275	27,275	185	-	25,297	25,482	2,363	-	52,572	54,935
Kigoma	868	-	33,504	34,372	-	-	27,925	27,925	13,126	1,985	61,429	76,540
Shinyanga	338	812	46,035	47,185	619	447	40,321	41,387	9,020	5,953	86,356	101,329
Kagera	-	-	15,481	15,481	1,642	-	18,382	20,024	5,233	20,349	33,863	59,445
Mwanza	740	-	64,729	65,469	4,000	-	69,109	73,109	34,003	7,141	133,838	174,982
Mara	-	-	73,855	73,855	-	477	98,658	99,135	7,351	2,159	172,513	182,023
Manyara	-	-	130,479	130,479	226	280	162,924	163,430	10,004	1,809	293,403	305,216
Njombe	-	-	3,586	3,586	-	-	1,664	1,664	-	-	5,250	5,250
Katavi	-	-	11,052	11,052	-	-	12,028	12,028	-	-	23,080	23,080
Simiyu	343	237	115,297	115,877	-	237	123,907	124,144	19,756	6,690	239,204	265,650
Geita	-	-	48,904	48,904	-	-	40,047	40,047	14,238	3,025	88,951	106,214
Songwe	243	-	9,241	9,484	476	-	10,027	10,503	962	1,227	19,268	21,457
<b>Mainland Tanzania</b>	<b>6,134</b>	<b>2,106</b>	<b>1,143,693</b>	<b>1,151,933</b>	<b>15,712</b>	<b>5,310</b>	<b>1,240,764</b>	<b>1,261,786</b>	<b>209,216</b>	<b>91,942</b>	<b>2,384,457</b>	<b>2,685,615</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	50	50	-	-	100	100	-	-	150	150
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	142	142	-	-	142	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>242</b>	<b>242</b>	<b>-</b>	<b>-</b>	<b>292</b>	<b>292</b>
<b>Tanzania</b>	<b>6,134</b>	<b>2,106</b>	<b>1,143,743</b>	<b>1,151,983</b>	<b>15,712</b>	<b>5,310</b>	<b>1,241,006</b>	<b>1,262,028</b>	<b>209,216</b>	<b>91,942</b>	<b>2,384,749</b>	<b>2,685,907</b>

**Table 4.58: Number of Sheep Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Sheep									
	Ram		Castrated Sheep		She Sheep		Male Lamb		She Lamb	
	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head
Dodoma	1,690	40,924	-	-	4,872	39,659	-	-	-	-
Arusha	8,310	84,654	3,672	62,424	20,130	59,620	2,741	29,071	6,792	50,275
Kilimanjaro	1,078	96,439	326	50,500	3,128	62,730	-	-	-	-
Tanga	3,550	37,637	3,831	50,000	9,941	46,209	-	-	1,225	38,836
Morogoro	1,766	150,000	-	-	2,396	54,885	630	10,000	-	-
Pwani	1,035	65,000	690	75,000	5,304	43,356	-	-	-	-
Dar es Salaam	265	60,000	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	-
Mbeya	206	40,000	-	-	807	43,646	231	-	-	-
Singida	2,118	38,465	-	-	3,787	34,561	-	-	-	-
Tabora	182	20,000	-	-	1,910	30,609	-	-	547	15,000
Rukwa	698	30,360	-	-	1,480	37,067	-	-	185	20,000
Kigoma	1,964	46,122	-	-	10,294	42,362	868	10,000	-	-
Shinyanga	1,323	52,924	-	-	6,740	39,443	338	70,000	619	30,000
Kagera	816	30,000	-	-	2,775	83,418	-	-	1,642	25,000
Mwanza	2,273	40,522	-	-	26,990	43,070	740	15,000	4,000	43,159
Mara	1,968	43,269	315	60,000	5,068	38,877	-	-	-	-
Manyara	4,406	39,538	219	50,000	5,153	31,335	-	-	226	20,000
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	10,308	37,968	-	-	9,105	35,152	343	15,000	-	-
Geita	1,370	30,000	-	-	12,868	84,652	-	-	-	-
Songwe	-	-	-	-	243	25,000	243	20,000	476	35,000
<b>Mainland Tanzania</b>	<b>45,326</b>	<b>51,780</b>	<b>9,053</b>	<b>57,987</b>	<b>132,991</b>	<b>46,087</b>	<b>6,134</b>	<b>24,153</b>	<b>15,712</b>	<b>30,808</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>45,326</b>	<b>51,780</b>	<b>9,054</b>	<b>57,987</b>	<b>132,992</b>	<b>46,087</b>	<b>6,135</b>	<b>24,153</b>	<b>15,712</b>	<b>30,808</b>

**Table 4.59: Number of Sheep Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Ram						Castrated Sheep					
	Number Sold/Traded	Number Consumed by Household	Number Given away	Number Stolen	Number Died	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given away	Number Stolen	Number Died	Total Offtake
Dodoma	19,374	1,626	626	327	12,793	34,746	10,995	845	-	327	2,681	14,848
Arusha	84,865	29,460	3,314	629	61,128	179,396	88,576	22,098	2,875	926	23,550	138,025
Kilimanjaro	34,688	12,513	2,632	1,714	14,227	65,774	6,898	6,838	1,853	4,033	6,921	26,543
Tanga	8,062	7,133	-	1,642	9,337	26,174	5,403	2,066	-	746	284	8,499
Morogoro	2,047	10,124	3,348	1,775	6,551	23,845	2,749	355	-	-	-	3,104
Pwani	53,571	3,883	347	18,589	9,745	86,135	1,297	1,381	-	3,449	1,725	7,852
Dar es Salaam	-	242	-	-	-	242	-	-	-	-	-	-
Lindi	-	3,652	-	-	-	3,652	-	-	-	-	-	-
Mtwara	2,750	1,488	-	-	744	4,982	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	401	-	-	-	-	401
Iringa	1,552	1,324	-	200	6,781	9,857	-	-	-	-	-	-
Mbeya	8,812	1,519	-	-	3,344	13,675	205	-	-	-	-	205
Singida	5,927	1,986	-	466	4,825	13,204	807	736	-	-	418	1,961
Tabora	7,076	11,376	-	-	9,825	28,277	-	820	-	-	374	1,194
Rukwa	1,338	4,166	-	-	1,278	6,782	-	925	-	-	-	925
Kigoma	4,457	1,038	2,225	-	8,947	16,667	1,112	-	-	-	1,366	2,478
Shinyanga	8,131	13,031	-	597	8,429	30,188	183	1,566	-	-	2,488	4,237
Kagera	5,028	9,693	763	-	3,416	18,900	1,132	2,022	-	-	1,940	5,094
Mwanza	21,044	24,316	4,606	1,263	6,193	57,422	-	-	-	-	-	-
Mara	3,721	6,883	554	715	7,875	19,748	-	466	-	-	-	466
Manyara	8,929	11,536	280	6,432	14,554	41,731	1,340	471	-	-	1,205	3,016
Njombe	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	472	539	-	-	893	1,904	-	-	-	-	-	-
Simiyu	26,977	35,742	1,556	559	15,495	80,329	2,524	7,437	-	-	2,994	12,955
Geita	6,448	9,586	-	587	4,001	20,622	-	515	-	-	-	515
Songwe	333	666	-	-	3,240	4,239	-	-	-	295	-	295
<b>Mainland Tanzania</b>	<b>315,602</b>	<b>203,522</b>	<b>20,251</b>	<b>35,495</b>	<b>213,621</b>	<b>788,491</b>	<b>123,622</b>	<b>48,541</b>	<b>4,728</b>	<b>9,776</b>	<b>45,946</b>	<b>232,613</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	100	-	-	-	100	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>315,602</b>	<b>203,622</b>	<b>20,251</b>	<b>35,495</b>	<b>213,621</b>	<b>788,591</b>	<b>123,622</b>	<b>48,541</b>	<b>4,728</b>	<b>9,776</b>	<b>45,946</b>	<b>232,613</b>

Cont.... Table 4.59: Number of Sheep Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Shee Sheep						Male Lamb					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake
Dodoma	20,883	-	327	2,652	14,805	38,667	1,284	-	-	-	4,640	5,924
Arusha	171,552	21,742	6,267	988	112,680	313,229	1,945	857	42,058	1,516	20,855	67,231
Kilimanjaro	22,634	4,203	4,176	1,923	26,270	59,206	3,330	-	4,385	706	8,297	16,718
Tanga	20,906	5,793	897	1,304	18,647	47,547	1,861	861	5,569	-	5,582	13,873
Morogoro	5,585	18,683	-	4,734	8,277	37,279	-	737	-	-	-	737
Pwani	20,248	8,387	347	31,225	19,543	79,750	-	-	15,697	1,823	1,035	18,555
Dar es Salaam	403	-	-	-	377	780	-	-	-	-	363	363
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	1,036	-	-	-	4,464	5,500	-	-	-	-	-	-
Ruvuma	421	-	-	218	218	857	-	-	-	-	-	-
Iringa	4,054	678	-	-	7,410	12,142	-	-	10,171	-	3,390	13,561
Mbeya	1,774	-	1,064	-	7,499	10,337	-	-	-	-	-	-
Singida	4,086	2,245	-	733	9,246	16,310	-	-	353	2,587	1,462	4,402
Tabora	2,943	6,261	-	-	18,936	28,140	395	250	-	-	2,794	3,439
Rukwa	18,074	1,883	256	768	256	21,237	-	-	-	-	1,869	1,869
Kigoma	5,489	6,526	-	4,635	16,425	33,075	4,099	-	1,112	1,298	6,910	13,419
Shinyanga	11,100	8,358	-	-	5,107	24,565	653	-	-	-	1,894	2,547
Kagera	5,377	3,862	-	-	11,415	20,654	-	-	-	-	-	-
Mwanza	19,591	21,570	1,052	1,883	21,277	65,373	740	-	-	426	2,064	3,230
Mara	3,694	3,270	-	9,460	28,418	44,842	494	-	7,539	1,622	2,116	11,771
Manyara	4,858	2,596	744	286	26,716	35,200	372	-	-	852	922	2,146
Njombe	-	-	-	-	1,460	1,460	-	-	-	-	-	-
Katavi	708	179	-	-	1,072	1,959	-	-	-	-	-	-
Simiyu	19,295	30,794	652	1,044	42,214	93,999	1,179	675	9,703	229	6,069	17,855
Geita	2,490	9,588	-	-	10,786	22,864	-	-	-	-	569	569
Songwe	820	-	-	-	8,887	9,707	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>368,021</b>	<b>156,618</b>	<b>15,782</b>	<b>61,853</b>	<b>422,405</b>	<b>1,024,679</b>	<b>16,352</b>	<b>3,380</b>	<b>96,587</b>	<b>11,059</b>	<b>70,831</b>	<b>198,209</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	100	-	-	-	100	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>368,021</b>	<b>156,718</b>	<b>15,782</b>	<b>61,853</b>	<b>422,405</b>	<b>1,024,779</b>	<b>16,352</b>	<b>3,380</b>	<b>96,587</b>	<b>11,059</b>	<b>70,831</b>	<b>198,209</b>

**Cont.... Table 4.59: Number of Sheep Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	She Lamb					Total Offtake
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	
Dodoma	-	-	-	-	4,467	4,467
Arusha	1,655	147	36,776	-	24,033	62,611
Kilimanjaro	1,040	207	3,021	424	7,970	12,662
Tanga	1,183	1,120	7,358	-	6,358	16,019
Morogoro	-	-	-	-	-	-
Pwani	-	-	11,998	1,823	2,252	16,073
Dar es Salaam	-	944	-	-	-	944
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-
Iringa	-	-	6,781	-	-	6,781
Mbeya	-	-	-	-	345	345
Singida	-	-	-	-	-	-
Tabora	-	-	-	238	7,291	7,529
Rukwa	325	-	-	-	277	602
Kigoma	-	-	-	-	9,107	9,107
Shinyanga	499	-	-	-	3,104	3,603
Kagera	-	-	-	-	2,135	2,135
Mwanza	399	-	-	-	2,553	2,952
Mara	-	-	8,170	3,153	1,730	13,053
Manyara	217	-	-	568	2,372	3,157
Njombe	-	-	-	-	286	286
Katavi	-	-	-	-	179	179
Simiyu	217	237	5,145	1,739	6,124	13,462
Geita	-	-	-	-	1,633	1,633
Songwe	-	387	-	-	-	387
<b>Mainland Tanzania</b>	<b>5,535</b>	<b>3,042</b>	<b>79,249</b>	<b>7,945</b>	<b>82,216</b>	<b>177,987</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>5,535</b>	<b>3,042</b>	<b>79,249</b>	<b>7,945</b>	<b>82,216</b>	<b>177,987</b>

**Cont.... Table 4.59: Number of Sheep Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Total					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake
Dodoma	52,536	2,471	953	3,305	39,385	98,650
Arusha	348,594	74,304	91,290	4,060	242,246	760,494
Kilimanjaro	68,591	23,761	16,067	8,799	63,684	180,902
Tanga	37,415	16,973	13,824	3,693	40,208	112,113
Morogoro	10,381	29,898	3,348	6,510	14,828	64,965
Pwani	75,117	13,651	28,389	56,909	34,300	208,366
Dar es Salaam	403	1,185	-	-	740	2,328
Lindi	-	3,652	-	-	-	3,652
Mtwara	3,786	1,488	-	-	5,208	10,482
Ruvuma	822	-	-	218	218	1,258
Iringa	5,606	2,002	16,952	200	17,581	42,341
Mbeya	10,791	1,519	1,064	-	11,189	24,563
Singida	10,820	4,966	353	3,786	15,951	35,876
Tabora	10,414	18,706	-	238	39,219	68,577
Rukwa	19,737	6,974	256	768	3,680	31,415
Kigoma	15,158	7,564	3,337	5,934	42,756	74,749
Shinyanga	20,565	22,955	-	597	21,022	65,139
Kagera	11,537	15,577	763	-	18,904	46,781
Mwanza	41,775	45,886	5,658	3,572	32,088	128,979
Mara	7,909	10,620	16,262	14,950	40,139	89,880
Manyara	15,716	14,603	1,024	8,138	45,769	85,250
Njombe	-	-	-	-	1,747	1,747
Katavi	1,181	718	-	-	2,144	4,043
Simiyu	50,192	74,885	17,056	3,571	72,896	218,600
Geita	8,939	19,689	-	587	16,989	46,204
Songwe	1,153	1,052	-	295	12,126	14,626
<b>Mainland Tanzania</b>	<b>829,138</b>	<b>415,099</b>	<b>216,596</b>	<b>126,130</b>	<b>835,017</b>	<b>2,421,980</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-
Mjini Magharibi	-	200	-	-	-	200
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>200</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>200</b>
<b>Tanzania</b>	<b>829,138</b>	<b>415,299</b>	<b>216,596</b>	<b>126,130</b>	<b>835,017</b>	<b>2,422,180</b>

**Table 4.60: Number of Agricultural Households Reported Occurrence of Sheep Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot Rot		CCPP		Helminthiosis		Trypanosomiasis		FMD		Brucellosis		Black Quarter		Anthrax	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	3,485	59,118	6,394	56,209	3,738	58,865	-	62,602	998	61,604	948	61,654	220	62,382	-	62,602
Arusha	26,969	73,800	25,520	75,249	35,731	65,038	12,629	88,141	18,639	82,130	11,321	89,448	523	100,246	-	100,769
Kilimanjaro	5,439	41,545	11,793	35,190	14,953	32,030	1,063	45,920	3,386	43,598	7,134	39,849	288	46,695	-	46,983
Tanga	2,155	32,640	1,857	32,937	10,959	23,835	902	33,893	1,056	33,738	2,139	32,655	-	34,794	-	34,794
Morogoro	852	6,529	552	6,828	1,030	6,350	-	7,380	325	7,055	126	7,254	173	7,207	-	7,380
Pwani	986	2,684	1,377	2,293	1,738	1,932	240	3,431	1,250	2,420	1,048	2,623	255	3,416	-	3,670
Dar es Salaam	-	4,344	-	4,344	1,062	3,283	-	4,344	-	4,344	-	4,344	-	4,344	-	4,344
Lindi	-	562	-	562	-	562	-	562	-	562	-	562	-	562	-	562
Mtwara	-	1,068	275	793	-	1,068	-	1,068	-	1,068	-	1,068	275	793	-	1,068
Ruvuma	-	4,437	-	4,437	304	4,133	-	4,437	-	4,437	211	4,226	-	4,437	-	4,437
Iringa	-	6,106	791	5,314	782	5,324	-	6,106	-	6,106	-	6,106	391	5,715	-	6,106
Mbeya	1,340	6,710	694	7,362	916	7,140	-	8,055	-	8,055	173	7,883	173	7,883	-	8,055
Singida	3,265	37,168	982	39,451	2,137	38,296	-	40,433	806	39,627	554	39,879	928	39,505	-	40,433
Tabora	949	40,033	1,996	38,985	1,188	39,794	612	40,369	588	40,390	1,520	39,462	778	40,204	-	40,981
Rukwa	794	5,990	784	6,001	1,296	5,489	247	6,537	195	6,590	-	6,784	-	6,784	-	6,784
Kigoma	516	14,228	2,522	12,222	4,289	10,450	279	14,465	606	14,138	745	13,999	-	14,744	-	14,744
Shinyanga	2,556	27,772	3,292	27,035	2,090	28,238	-	30,327	761	29,567	424	29,900	194	30,130	-	30,327
Kagera	518	16,259	1,795	14,982	2,456	14,321	404	16,373	-	16,777	518	16,259	-	16,777	-	16,777
Mwanza	2,049	45,252	3,586	43,715	6,410	40,890	-	47,301	1,878	45,423	381	46,920	-	47,301	-	47,301
Mara	2,732	28,532	3,191	28,073	13,059	18,206	700	30,562	1,915	29,350	826	30,439	670	30,595	-	31,265
Manyara	4,775	79,267	9,862	74,180	13,262	70,780	182	83,860	1,502	82,540	5,227	78,815	107	83,935	-	84,042
Njombe	-	2,616	-	2,616	-	2,616	-	2,616	-	2,616	-	2,616	-	2,616	-	2,616
Katavi	-	2,968	66	2,902	-	2,968	-	2,968	-	2,968	-	2,968	-	2,968	-	2,968
Simiyu	5,603	44,359	2,973	46,989	3,544	46,418	579	49,383	4,638	45,324	1,170	48,792	893	49,069	-	49,962
Geita	959	18,185	820	18,323	2,259	16,885	-	19,144	335	18,809	-	19,144	-	19,144	-	19,144
Songwe	-	8,966	-	8,966	-	8,966	580	8,386	290	8,676	240	8,726	-	8,966	-	8,966
<b>Mainland Tanzania</b>	<b>65,942</b>	<b>611,138</b>	<b>81,122</b>	<b>595,958</b>	<b>123,203</b>	<b>553,877</b>	<b>18,417</b>	<b>658,663</b>	<b>39,168</b>	<b>637,912</b>	<b>34,705</b>	<b>642,375</b>	<b>5,868</b>	<b>671,212</b>	<b>-</b>	<b>677,080</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	50	50	-	-	50	-	50	-	50	-	50	-	50	-	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	142	-	142	-	142	-	142	-	142	-	142	-	142	-	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>192</b>	<b>50</b>	<b>142</b>	<b>-</b>	<b>192</b>	<b>-</b>	<b>192</b>	<b>-</b>	<b>192</b>	<b>-</b>	<b>192</b>	<b>-</b>	<b>192</b>	<b>-</b>	<b>192</b>
<b>Tanzania</b>	<b>65,942</b>	<b>611,330</b>	<b>81,172</b>	<b>596,100</b>	<b>123,203</b>	<b>554,069</b>	<b>18,417</b>	<b>658,855</b>	<b>39,168</b>	<b>638,104</b>	<b>34,705</b>	<b>642,567</b>	<b>5,868</b>	<b>671,404</b>	<b>-</b>	<b>677,272</b>



**Table 4.61: Number of Reported Cases of Sheep Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot Rot				CCPP				Helminthiosis				Trypanosomiasis			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	19,746	16,285	16,901	2,845	45,896	41,170	40,936	4,737	16,339	16,339	15,931	408	-	-	-	-
Arusha	173,133	171,386	159,855	9,071	248,199	251,956	220,323	46,306	408,558	398,302	382,861	18,779	113,481	85,930	103,579	9,163
Kilimanjaro	76,916	32,654	34,506	3,164	67,313	54,379	49,164	11,257	113,849	83,306	79,664	6,196	10,170	10,170	9,817	223
Tanga	42,489	39,433	40,391	2,472	13,975	13,634	11,686	1,539	98,236	99,757	97,451	2,526	7,031	7,031	7,031	-
Morogoro	45,703	38,641	40,032	5,671	10,161	3,099	7,327	1,059	36,635	36,635	23,923	-	-	-	-	-
Pwani	75,956	30,965	66,498	345	103,195	92,848	74,579	18,268	84,190	66,943	65,564	10,003	3,728	3,728	1,864	1,864
Dar es Salaam	-	-	-	-	-	-	-	-	1,593	-	1,593	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	3,720	3,720	2,232	1,488	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	989	989	989	-	-	-	-	-
Iringa	-	-	-	-	29,771	31,094	29,771	1,324	4,633	3,971	3,971	662	-	-	-	-
Mbeya	46,881	46,881	38,517	8,364	11,707	14,296	10,998	3,298	9,861	9,516	7,273	2,589	-	-	-	-
Singida	17,942	14,355	15,897	853	5,354	5,354	5,354	-	24,315	24,315	24,315	-	-	-	-	-
Tabora	3,577	1,263	2,721	-	7,923	6,578	7,278	645	8,283	4,852	6,232	1,194	2,225	1,552	2,225	-
Rukwa	2,020	2,376	2,191	185	9,477	9,477	9,042	435	12,471	12,471	12,215	256	1,949	1,949	1,949	-
Kigoma	2,810	2,810	2,810	-	29,572	29,572	23,282	6,290	48,654	45,810	42,580	7,170	6,229	6,229	5,191	1,038
Shinyanga	15,502	13,119	13,486	749	14,740	12,856	9,913	2,722	14,565	14,315	13,045	1,519	-	-	-	-
Kagera	3,155	-	-	-	9,280	2,241	2,241	1,421	19,109	12,800	14,778	1,177	821	821	821	-
Mwanza	22,670	21,562	22,670	-	31,479	28,476	21,219	10,667	79,970	73,111	72,627	3,643	-	-	-	-
Mara	16,430	16,430	13,866	2,565	29,371	27,388	25,404	3,967	154,367	154,367	151,963	1,327	4,764	4,764	3,564	1,200
Manyara	43,373	39,257	39,692	232	86,008	73,441	77,352	5,682	82,602	79,032	77,477	2,927	985	985	985	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	3,037	-	3,037	-	-	-	-	-	-	-	-	-
Simiyu	47,811	43,282	43,927	4,890	41,632	36,011	36,848	8,579	20,462	20,147	19,020	1,442	1,569	811	1,569	-
Geita	5,539	4,551	3,279	1,145	5,317	1,784	5,317	-	26,337	26,337	25,725	612	-	-	-	-
Songwe	-	-	-	-	-	-	-	-	-	-	-	-	5,596	4,712	5,596	589
<b>Mainland Tanzania</b>	<b>661,653</b>	<b>535,250</b>	<b>557,239</b>	<b>42,551</b>	<b>807,127</b>	<b>739,374</b>	<b>673,303</b>	<b>129,684</b>	<b>1,266,018</b>	<b>1,183,315</b>	<b>1,139,197</b>	<b>62,430</b>	<b>158,548</b>	<b>128,682</b>	<b>144,191</b>	<b>14,077</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	100	100	100	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>661,653</b>	<b>535,250</b>	<b>557,239</b>	<b>42,551</b>	<b>807,227</b>	<b>739,474</b>	<b>673,403</b>	<b>129,684</b>	<b>1,266,018</b>	<b>1,183,315</b>	<b>1,139,197</b>	<b>62,430</b>	<b>158,548</b>	<b>128,682</b>	<b>144,191</b>	<b>14,077</b>

**Cont... Table 4.61: Number of Reported Cases of Sheep Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	FMD				Brucellosis				Black Quarter				Total			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	12,670	11,395	12,371	300	1,614	1,614	1,614	-	220	220	220	-	96,486	87,023	87,972	8,290
Arusha	247,020	238,046	215,382	31,919	34,246	34,096	32,302	1,778	1,496	1,496	1,363	133	1,226,132	1,181,212	1,115,665	117,150
Kilimanjaro	59,683	16,411	13,891	4,371	53,648	19,730	22,680	1,116	4,924	4,924	4,673	251	386,502	221,574	214,394	26,579
Tanga	28,084	28,084	23,617	2,933	5,219	2,031	4,358	551	-	-	-	-	195,034	189,970	184,533	10,021
Morogoro	24,176	24,176	20,270	3,906	7,768	7,768	7,768	-	971	971	971	-	125,414	111,290	100,291	10,637
Pwani	84,492	67,246	73,895	5,423	25,085	27,811	22,540	5,961	20,006	2,759	20,006	-	396,653	292,299	324,946	41,863
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-	1,593	-	1,593	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	2,976	-	2,976	-	6,695	3,720	5,208	1,488
Ruvuma	-	-	-	-	343	-	343	-	-	-	-	-	1,332	989	1,332	-
Iringa	-	-	-	-	-	-	-	-	1,324	1,324	1,324	-	35,727	36,389	35,065	1,985
Mbeya	-	-	-	-	7,766	7,766	5,177	2,589	7,766	7,766	5,177	2,589	83,981	86,224	67,142	19,427
Singida	2,993	2,993	2,786	206	2,070	277	1,688	-	10,537	10,537	10,537	-	63,210	57,829	60,577	1,060
Tabora	2,813	2,084	2,813	-	5,247	5,013	5,247	-	3,448	3,612	5,379	799	33,516	24,952	31,895	2,639
Rukwa	768	768	768	-	-	-	-	-	-	-	-	-	26,685	27,041	26,165	876
Kigoma	7,721	7,721	7,721	-	2,774	1,328	1,328	-	-	-	-	-	97,760	93,470	82,912	14,498
Shinyanga	6,523	6,523	5,974	549	1,126	591	943	183	619	-	619	-	53,075	47,404	43,980	5,722
Kagera	-	-	-	-	3,155	-	2,103	1,052	-	-	-	-	35,519	15,862	19,943	3,649
Mwanza	5,509	5,509	3,310	692	2,074	1,265	2,074	-	-	-	-	-	141,702	129,923	121,901	15,002
Mara	18,200	18,200	17,233	967	1,815	1,561	1,815	-	13,565	13,565	12,934	631	238,513	236,276	226,780	10,657
Manyara	22,771	22,644	15,531	7,240	15,649	10,177	10,777	2,539	232	-	232	-	251,619	225,537	222,046	18,621
Njombe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-	3,037	-	3,037	-
Simiyu	30,522	28,727	28,772	1,750	6,770	5,814	6,403	-	3,931	3,640	2,172	237	152,697	138,431	138,711	16,899
Geita	2,287	2,287	2,287	-	-	-	-	-	-	-	-	-	39,481	34,959	36,608	1,757
Songwe	2,945	-	2,945	-	243	243	243	-	-	-	-	-	8,784	4,956	8,784	589
<b>Mainland Tanzania</b>	<b>559,177</b>	<b>482,814</b>	<b>449,566</b>	<b>60,256</b>	<b>176,612</b>	<b>127,085</b>	<b>129,403</b>	<b>15,769</b>	<b>72,015</b>	<b>50,814</b>	<b>68,583</b>	<b>4,640</b>	<b>3,701,147</b>	<b>3,247,330</b>	<b>3,161,480</b>	<b>329,409</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-	100	100	100	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>-</b>
<b>Tanzania</b>	<b>559,177</b>	<b>482,814</b>	<b>449,566</b>	<b>60,256</b>	<b>176,612</b>	<b>127,085</b>	<b>129,403</b>	<b>15,769</b>	<b>72,015</b>	<b>50,814</b>	<b>68,583</b>	<b>4,640</b>	<b>3,701,247</b>	<b>3,247,430</b>	<b>3,161,580</b>	<b>329,409</b>

**Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	CCPP Disease								
	Year of Last Vaccination								Total
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	
Dodoma	5,730	504	-	-	-	-	204	56,164	62,602
Arusha	17,367	12,768	953	-	176	197	567	68,740	100,769
Kilimanjaro	11,296	3,110	157	-	-	-	-	32,420	46,983
Tanga	2,679	412	239	317	-	-	-	31,148	34,794
Morogoro	1,137	253	-	-	-	-	-	5,990	7,380
Pwani	1,327	255	481	-	-	-	-	1,608	3,670
Dar es Salaam	3,539	-	-	-	-	-	-	805	4,344
Lindi	-	-	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	-	-	4,437	4,437
Iringa	1,756	-	-	-	-	-	-	4,350	6,106
Mbeya	1,097	527	231	-	-	-	199	6,001	8,055
Singida	2,684	1,943	344	-	-	-	-	35,462	40,433
Tabora	1,135	2,207	209	-	-	-	398	37,032	40,982
Rukwa	717	-	-	-	-	-	-	6,067	6,784
Kigoma	2,489	646	537	-	-	-	-	11,071	14,744
Shinyanga	1,397	549	-	-	99	-	114	28,169	30,327
Kagera	-	-	-	-	-	-	-	16,777	16,777
Mwanza	1,539	934	-	-	-	-	-	44,828	47,301
Mara	3,614	523	153	-	-	-	332	26,643	31,265
Manyara	8,373	1,740	202	-	-	-	750	72,977	84,042
Njombe	838	114	-	-	-	-	-	1,664	2,616
Katavi	285	-	-	-	-	-	-	2,683	2,968
Simiyu	1,937	1,104	-	-	-	-	-	46,921	49,962
Geita	261	-	-	-	-	-	354	18,529	19,144
Songwe	-	351	-	-	-	-	-	8,614	8,966
Mainland Tanzania	71,197	27,940	3,506	317	275	197	2,918	570,730	677,081
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	142	142
Tanzania Zanzibar	-	-	-	-	-	-	-	192	192
Tanzania	71,197	27,940	3,506	317	275	197	2,918	570,922	677,273

**Cont... Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Trypanosomiasis Disease								
	Year of Last Vaccination								Total
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	
Dodoma	1,803	-	-	-	-	-	-	60,799	62,602
Arusha	9,732	6,473	1,466	360	-	-	96	82,643	100,769
Kilimanjaro	5,699	572	-	-	-	-	354	40,358	46,983
Tanga	1,747	335	239	-	-	-	-	32,473	34,794
Morogoro	841	126	-	-	-	-	288	6,124	7,380
Pwani	365	-	-	-	-	-	-	3,306	3,670
Dar es Salaam	2,477	-	-	-	-	-	-	1,867	4,344
Lindi	-	-	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	-	-	4,437	4,437
Iringa	965	-	-	-	-	-	-	5,141	6,106
Mbeya	1,097	-	-	-	-	-	-	6,958	8,055
Singida	2,416	1,796	344	-	-	-	-	35,876	40,433
Tabora	703	1,570	209	-	-	-	-	38,500	40,982
Rukwa	-	-	-	-	-	-	-	6,784	6,784
Kigoma	874	646	239	-	-	-	-	12,985	14,744
Shinyanga	194	138	-	115	-	-	-	29,880	30,327
Kagera	-	-	-	-	-	-	-	16,777	16,777
Mwanza	763	517	-	-	-	-	-	46,022	47,301
Mara	1,095	162	320	-	168	-	312	29,208	31,265
Manyara	1,534	1,432	-	-	-	-	384	80,692	84,042
Njombe	674	114	-	-	-	-	-	1,828	2,616
Katavi	285	-	-	-	-	-	-	2,683	2,968
Simiyu	1,534	930	-	-	-	-	-	47,497	49,962
Geita	269	-	-	-	-	-	-	18,875	19,144
Songwe	-	351	-	-	-	-	-	8,614	8,966
Mainland Tanzania	35,067	15,162	2,817	475	168	-	1,434	621,957	677,081
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	142	142
Tanzania Zanzibar	-	-	-	-	-	-	-	192	192
Tanzania	35,067	15,162	2,817	475	168	-	1,434	622,149	677,273

**Cont... Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease (FMD)								
	Year of Last Vaccination								Total
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	
Dodoma	1,418	-	-	-	-	-	729	60,456	62,602
Arusha	8,874	5,381	1,496	484	-	-	200	84,333	100,769
Kilimanjaro	6,201	1,000	379	-	-	-	299	39,104	46,983
Tanga	1,438	695	239	317	-	-	-	32,105	34,794
Morogoro	742	126	-	-	-	-	127	6,385	7,380
Pwani	627	127	-	-	-	-	-	2,916	3,670
Dar es Salaam	968	-	-	-	-	-	-	3,377	4,344
Lindi	-	-	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	-	-	4,437	4,437
Iringa	965	-	-	-	-	-	-	5,141	6,106
Mbeya	1,097	-	231	-	-	-	-	6,727	8,055
Singida	2,416	1,168	344	-	-	-	-	36,504	40,433
Tabora	703	1,570	209	-	-	-	222	38,278	40,982
Rukwa	-	-	-	-	-	-	-	6,784	6,784
Kigoma	874	884	239	367	-	-	-	12,379	14,744
Shinyanga	392	138	-	-	-	-	-	29,798	30,327
Kagera	1,362	-	-	-	-	-	-	15,415	16,777
Mwanza	388	717	-	-	-	-	-	46,196	47,301
Mara	2,487	321	153	-	-	-	153	28,150	31,265
Manyara	1,935	2,049	-	183	-	-	107	79,767	84,042
Njombe	838	114	-	-	-	-	-	1,664	2,616
Katavi	285	-	-	-	-	-	-	2,683	2,968
Simiyu	1,155	1,082	-	158	-	-	90	47,476	49,962
Geita	269	-	-	-	-	-	-	18,875	19,144
Songwe	-	351	-	-	-	-	-	8,614	8,966
<b>Mainland Tanzania</b>	<b>35,434</b>	<b>15,723</b>	<b>3,290</b>	<b>1,509</b>	<b>-</b>	<b>-</b>	<b>1,927</b>	<b>619,194</b>	<b>677,081</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	142	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>
<b>Tanzania</b>	<b>35,434</b>	<b>15,723</b>	<b>3,290</b>	<b>1,509</b>	<b>-</b>	<b>-</b>	<b>1,927</b>	<b>619,386</b>	<b>677,273</b>

**Cont... Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Brucellosis Disease								
	Year of Last Vaccination								Total
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	
Dodoma	438	-	-	-	-	-	-	62,164	62,602
Arusha	5,334	2,371	1,611	304	331	-	151	90,667	100,769
Kilimanjaro	6,444	1,539	-	-	-	-	-	39,000	46,983
Tanga	1,015	469	239	-	-	-	-	33,071	34,794
Morogoro	967	-	-	-	-	-	-	6,413	7,380
Pwani	680	-	-	-	-	-	-	2,990	3,670
Dar es Salaam	968	-	-	-	-	-	-	3,377	4,344
Lindi	-	-	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	-	-	4,437	4,437
Iringa	965	-	-	-	-	-	-	5,141	6,106
Mbeya	1,097	-	-	-	-	-	-	6,958	8,055
Singida	2,621	1,021	344	-	-	-	-	36,446	40,433
Tabora	703	1,356	209	216	-	-	154	38,344	40,982
Rukwa	-	-	-	-	-	-	-	6,784	6,784
Kigoma	874	646	239	-	-	-	-	12,985	14,744
Shinyanga	194	138	-	-	115	-	-	29,880	30,327
Kagera	-	-	-	-	-	-	-	16,777	16,777
Mwanza	388	712	-	-	-	-	-	46,201	47,301
Mara	599	164	207	153	-	-	142	30,000	31,265
Manyara	4,183	1,516	-	-	-	-	205	78,138	84,042
Njombe	674	114	-	-	-	-	-	1,828	2,616
Katavi	285	-	-	-	-	-	-	2,683	2,968
Simiyu	776	1,239	-	-	-	-	-	47,947	49,962
Geita	-	-	-	-	-	-	-	19,144	19,144
Songwe	-	351	-	-	-	-	-	8,614	8,966
<b>Mainland Tanzania</b>	<b>29,205</b>	<b>11,636</b>	<b>2,849</b>	<b>673</b>	<b>446</b>	<b>-</b>	<b>652</b>	<b>631,619</b>	<b>677,081</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	142	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>
<b>Tanzania</b>	<b>29,205</b>	<b>11,636</b>	<b>2,849</b>	<b>673</b>	<b>446</b>	<b>-</b>	<b>652</b>	<b>631,811</b>	<b>677,273</b>

**Cont... Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Black Quarter Disease								Total
	Year of Last Vaccination								
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	
Dodoma	1,587	-	-	-	-	-	-	61,015	62,602
Arusha	3,670	3,116	1,300	-	238	-	131	92,315	100,769
Kilimanjaro	4,623	-	-	-	-	-	-	42,360	46,983
Tanga	859	343	239	-	-	-	177	33,176	34,794
Morogoro	1,014	126	-	-	-	-	-	6,240	7,380
Pwani	237	-	-	-	-	-	-	3,433	3,670
Dar es Salaam	968	-	-	-	-	-	-	3,377	4,344
Lindi	-	-	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	-	-	4,437	4,437
Iringa	791	-	-	-	-	-	-	5,314	6,106
Mbeya	892	205	-	-	-	-	166	6,792	8,055
Singida	2,563	1,021	344	-	-	-	-	36,504	40,433
Tabora	703	1,356	209	184	-	-	240	38,290	40,982
Rukwa	-	-	-	-	-	-	-	6,784	6,784
Kigoma	874	367	239	-	-	-	-	13,264	14,744
Shinyanga	194	138	-	-	-	-	300	29,696	30,327
Kagera	1,362	-	-	-	-	-	-	15,415	16,777
Mwanza	1,408	195	-	-	-	-	-	45,699	47,301
Mara	1,495	-	-	-	-	-	302	29,468	31,265
Manyara	1,352	1,196	-	-	-	-	107	81,387	84,042
Njombe	674	114	-	-	-	-	-	1,828	2,616
Katavi	285	-	-	-	-	-	-	2,683	2,968
Simiyu	776	930	-	-	-	-	251	48,005	49,962
Geita	-	-	-	-	-	-	-	19,144	19,144
Songwe	-	351	-	-	-	-	-	8,614	8,966
Mainland Tanzania	26,327	9,458	2,331	184	238	-	1,674	636,870	677,081
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	142	142
Tanzania Zanzibar	-	-	-	-	-	-	-	192	192
Tanzania	26,327	9,458	2,331	184	238	-	1,674	637,062	677,273

**Cont... Table 4.62: Number of Agricultural Household Reported Year of Last Vaccination by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Anthrax Disease								
	Year of Last Vaccination								Total
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	
Dodoma	914	-	-	-	-	-	203	61,486	62,602
Arusha	11,612	8,469	2,726	709	655	160	592	75,846	100,769
Kilimanjaro	6,529	814	641	89	-	-	92	38,817	46,983
Tanga	527	485	239	-	-	-	603	32,940	34,794
Morogoro	841	-	126	-	-	-	-	6,413	7,380
Pwani	-	-	-	-	-	-	-	3,670	3,670
Dar es Salaam	968	-	-	-	-	-	-	3,377	4,344
Lindi	-	-	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	-	-	4,437	4,437
Iringa	965	-	-	-	-	-	-	5,141	6,106
Mbeya	1,097	-	-	-	-	-	-	6,958	8,055
Singida	2,563	1,021	344	-	-	-	300	36,204	40,433
Tabora	703	1,129	209	-	-	-	-	38,941	40,982
Rukwa	-	-	-	-	-	-	-	6,784	6,784
Kigoma	576	367	239	-	-	-	-	13,562	14,744
Shinyanga	194	138	-	-	-	-	157	29,839	30,327
Kagera	-	-	-	-	-	-	-	16,777	16,777
Mwanza	1,244	1,131	-	-	-	-	-	44,926	47,301
Mara	135	-	172	-	-	-	-	30,958	31,265
Manyara	1,352	847	-	-	-	-	107	81,736	84,042
Njombe	674	114	-	-	-	-	-	1,828	2,616
Katavi	285	-	-	-	-	-	-	2,683	2,968
Simiyu	951	930	-	-	-	-	303	47,777	49,962
Geita	-	-	-	-	-	-	-	19,144	19,144
Songwe	-	351	-	-	-	-	-	8,614	8,966
Mainland Tanzania	32,130	15,796	4,696	798	655	160	2,357	620,488	677,081
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	142	142
Tanzania Zanzibar	-	-	-	-	-	-	-	192	192
Tanzania	32,130	15,796	4,696	798	655	160	2,357	620,680	677,273



**Table 4.63: Number of Agricultural Household Reported Main Source of Vaccine by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	CCPP Disease							Trypanosomiasis Disease						
	Main Source of Vaccine							Main Source of Vaccine						
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Total	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Total
Dodoma	1,079	3,403	-	-	1,601	56,519	62,602	300	1,027	-	-	476	60,799	62,602
Arusha	4,486	30,166	-	1,535	946	63,636	100,769	2,322	21,003	-	1,213	756	75,476	100,770
Kilimanjaro	6,052	5,431	-	-	5,187	30,313	46,983	3,859	2,986	-	-	2,016	38,123	46,984
Tanga	-	3,014	-	315	460	31,005	34,794	305	2,016	-	-	143	32,331	34,795
Morogoro	717	448	-	-	-	6,215	7,380	467	448	-	-	-	6,465	7,380
Pwani	461	494	-	-	627	2,088	3,670	127	-	-	-	237	3,306	3,670
Dar es Salaam	3,539	-	-	-	-	805	4,344	2,477	-	-	-	-	1,867	4,344
Lindi	-	-	-	-	-	562	562	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	1,068	1,068	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	4,437	4,437	-	-	-	-	-	4,437	4,437
Iringa	-	965	-	-	401	4,741	6,107	-	965	-	-	-	5,141	6,106
Mbeya	1,105	949	-	-	-	6,001	8,055	733	364	-	-	-	6,958	8,055
Singida	651	4,218	-	-	485	35,078	40,432	414	4,071	-	-	846	35,101	40,432
Tabora	439	3,494	-	182	1,313	35,554	40,982	-	3,071	-	182	214	37,514	40,981
Rukwa	165	799	-	-	-	5,820	6,784	-	-	-	-	-	6,784	6,784
Kigoma	3,364	-	-	233	839	10,308	14,744	1,759	-	-	-	-	12,985	14,744
Shinyanga	213	655	-	-	-	29,459	30,327	-	655	-	-	-	29,673	30,328
Kagera	-	1,647	-	-	-	15,129	16,776	-	1,647	-	-	-	15,129	16,776
Mwanza	956	1,645	-	-	357	44,342	47,300	517	763	-	-	-	46,022	47,302
Mara	1,424	207	-	-	2,336	27,298	31,265	958	488	-	-	293	29,526	31,265
Manyara	1,176	9,005	-	207	2,126	71,528	84,042	-	2,960	-	-	104	80,977	84,041
Njombe	-	952	-	-	-	1,664	2,616	-	788	-	-	-	1,828	2,616
Katavi	205	80	-	-	-	2,683	2,968	205	80	-	-	-	2,683	2,968
Simiyu	478	2,513	-	-	818	46,154	49,963	161	2,318	-	-	-	47,483	49,962
Geita	-	3,682	-	-	342	15,120	19,144	-	3,421	-	-	-	15,723	19,144
Songwe	-	1,260	-	-	-	7,706	8,966	-	1,260	-	-	-	7,706	8,966
<b>Mainland Tanzania</b>	<b>26,510</b>	<b>75,027</b>	<b>-</b>	<b>2,472</b>	<b>17,838</b>	<b>555,233</b>	<b>677,080</b>	<b>14,604</b>	<b>50,331</b>	<b>-</b>	<b>1,395</b>	<b>5,085</b>	<b>605,667</b>	<b>677,082</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	50	-	50	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	142	142	-	-	-	-	-	142	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50</b>	<b>142</b>	<b>192</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>
<b>Tanzania</b>	<b>26,510</b>	<b>75,027</b>	<b>-</b>	<b>2,472</b>	<b>17,888</b>	<b>555,375</b>	<b>677,272</b>	<b>14,604</b>	<b>50,331</b>	<b>-</b>	<b>1,395</b>	<b>5,085</b>	<b>605,859</b>	<b>677,274</b>

**Cont... Table 4.63: Number of Agricultural Household Reported Main Source of Vaccine by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease (FMD)							Brucellosis Disease						
	Main Source of Vaccine							Main Source of Vaccine						
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Total	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Total
Dodoma	518	414	-	-	680	60,990	62,602	-	438	-	-	-	62,164	62,602
Arusha	1,917	19,083	-	1,001	638	78,130	100,769	1,145	16,080	139	703	113	82,590	100,770
Kilimanjaro	3,126	3,607	134	-	3,514	36,602	46,983	3,688	3,524	-	-	3,496	36,275	46,983
Tanga	142	1,882	-	-	317	32,453	34,794	-	1,550	-	315	-	32,929	34,794
Morogoro	593	448	-	-	-	6,338	7,379	692	448	-	-	-	6,240	7,380
Pwani	127	255	-	-	372	2,916	3,670	443	127	-	-	110	2,990	3,670
Dar es Salaam	968	-	-	-	-	3,377	4,345	968	-	-	-	-	3,377	4,345
Lindi	-	-	-	-	-	562	562	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	1,068	1,068	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	4,437	4,437	-	-	-	-	-	4,437	4,437
Iringa	-	965	-	-	-	5,141	6,106	-	965	-	-	-	5,141	6,106
Mbeya	733	595	-	-	-	6,727	8,055	733	364	-	-	-	6,958	8,055
Singida	147	4,218	-	-	218	35,850	40,433	147	3,564	-	-	422	36,300	40,433
Tabora	-	3,114	-	182	639	37,047	40,982	216	3,114	-	182	227	37,242	40,981
Rukwa	-	-	-	-	-	6,784	6,784	-	-	-	-	-	6,784	6,784
Kigoma	2,474	-	-	-	239	12,031	14,744	1,759	-	-	-	-	12,985	14,744
Shinyanga	-	655	-	-	-	29,673	30,328	115	655	-	-	-	29,557	30,327
Kagera	-	3,009	-	-	-	13,767	16,776	-	1,647	-	-	-	15,129	16,776
Mwanza	717	388	-	-	-	46,196	47,301	517	583	-	-	-	46,201	47,301
Mara	791	321	-	-	1,730	28,422	31,264	614	-	-	-	654	29,996	31,264
Manyara	-	3,210	-	-	435	80,397	84,042	534	4,829	-	-	456	78,223	84,042
Njombe	-	788	-	-	-	1,828	2,616	-	788	-	-	-	1,828	2,616
Katavi	205	80	-	-	-	2,683	2,968	205	80	-	-	-	2,683	2,968
Simiyu	344	2,190	-	-	-	47,429	49,963	-	1,867	-	158	148	47,788	49,961
Geita	-	3,690	-	-	335	15,119	19,144	-	3,421	-	-	-	15,723	19,144
Songwe	-	1,550	-	-	-	7,416	8,966	-	1,260	-	-	-	7,706	8,966
<b>Mainland Tanzania</b>	<b>12,802</b>	<b>50,462</b>	<b>134</b>	<b>1,183</b>	<b>9,117</b>	<b>603,383</b>	<b>677,081</b>	<b>11,776</b>	<b>45,304</b>	<b>139</b>	<b>1,358</b>	<b>5,626</b>	<b>612,876</b>	<b>677,079</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	50	50	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	142	142	-	-	-	-	-	142	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>
<b>Tanzania</b>	<b>12,802</b>	<b>50,462</b>	<b>134</b>	<b>1,183</b>	<b>9,117</b>	<b>603,575</b>	<b>677,273</b>	<b>11,776</b>	<b>45,304</b>	<b>139</b>	<b>1,358</b>	<b>5,626</b>	<b>613,068</b>	<b>677,271</b>

**Cont... Table 4.63: Number of Agricultural Household Reported Main Source of Vaccine by Sheep Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Black Quarter Disease							Anthrax Disease						
	Main Source of Vaccine							Main Source of Vaccine						
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Total	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Total
Dodoma	219	892	-	-	476	61,015	62,602	-	438	-	-	476	61,688	62,602
Arusha	1,176	13,547	139	593	167	85,147	100,769	1,257	27,846	129	134	-	71,404	100,770
Kilimanjaro	2,822	2,453	-	-	681	41,027	46,983	3,054	5,844	-	-	911	37,174	46,983
Tanga	-	1,584	-	-	-	33,211	34,795	257	1,137	-	-	163	33,238	34,795
Morogoro	692	448	-	-	-	6,240	7,380	692	448	-	213	-	6,027	7,380
Pwani	127	-	-	-	110	3,433	3,670	-	-	-	-	-	3,670	3,670
Dar es Salaam	968	-	-	-	-	3,377	4,345	968	-	-	-	-	3,377	4,345
Lindi	-	-	-	-	-	562	562	-	-	-	-	-	562	562
Mtwara	-	-	-	-	-	1,068	1,068	-	-	-	-	-	1,068	1,068
Ruvuma	-	-	-	-	-	4,437	4,437	-	-	-	-	-	4,437	4,437
Iringa	-	401	-	-	391	5,314	6,106	-	965	-	-	-	5,141	6,106
Mbeya	733	364	-	-	-	6,958	8,055	733	364	-	-	-	6,958	8,055
Singida	147	3,564	-	-	218	36,504	40,433	147	3,564	-	-	218	36,504	40,433
Tabora	329	2,742	-	182	-	37,728	40,981	-	2,636	209	182	-	37,955	40,982
Rukwa	-	-	-	-	-	6,784	6,784	-	-	-	-	-	6,784	6,784
Kigoma	1,480	-	-	-	-	13,264	14,744	1,181	-	-	334	-	13,229	14,744
Shinyanga	-	655	-	-	-	29,673	30,328	-	655	-	-	-	29,673	30,328
Kagera	-	3,009	-	-	-	13,767	16,776	-	1,647	-	-	-	15,129	16,776
Mwanza	839	763	-	-	-	45,699	47,301	839	1,151	-	-	384	44,926	47,300
Mara	135	-	-	-	1,360	29,770	31,265	135	172	-	-	-	30,958	31,265
Manyara	-	2,400	-	-	-	81,642	84,042	-	2,051	-	-	-	81,991	84,042
Njombe	-	788	-	-	-	1,828	2,616	-	788	-	-	-	1,828	2,616
Katavi	205	80	-	-	-	2,683	2,968	205	80	-	-	-	2,683	2,968
Simiyu	-	2,028	-	-	-	47,934	49,962	161	1,707	-	-	-	48,095	49,963
Geita	-	3,421	-	-	-	15,723	19,144	-	3,421	-	-	-	15,723	19,144
Songwe	-	1,260	-	-	-	7,706	8,966	-	1,044	-	-	-	7,921	8,965
<b>Mainland Tanzania</b>	<b>9,872</b>	<b>40,399</b>	<b>139</b>	<b>775</b>	<b>3,403</b>	<b>622,494</b>	<b>677,082</b>	<b>9,629</b>	<b>55,958</b>	<b>338</b>	<b>863</b>	<b>2,152</b>	<b>608,143</b>	<b>677,083</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	50	50	-	-	-	-	-	50	50
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	142	142	-	-	-	-	-	142	142
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>192</b>	<b>192</b>
<b>Tanzania</b>	<b>9,872</b>	<b>40,399</b>	<b>139</b>	<b>775</b>	<b>3,403</b>	<b>622,686</b>	<b>677,274</b>	<b>9,629</b>	<b>55,958</b>	<b>338</b>	<b>863</b>	<b>2,152</b>	<b>608,335</b>	<b>677,275</b>

# **PIG PRODUCTION**

**Table 4.64: Number of Agricultural Households Reported to Raise Pigs by Region During 2019/20 Agricultural Year, Tanzania**

Region	Raising Pig		Not Raising Pig		Total Agricultural Households
	Number of Household	Percent	Number of Household	Percent	
Dodoma	35,963	7.0	474,185	93.0	510,148
Arusha	5,716	2.6	215,300	97.4	221,016
Kilimanjaro	31,583	10.7	262,727	89.3	294,310
Tanga	1,078	0.3	350,334	99.7	351,412
Morogoro	28,801	7.0	384,415	93.0	413,216
Pwani	2,815	1.3	215,106	98.7	217,921
Dar es Salaam	5,390	1.3	408,911	98.7	414,301
Lindi	1,734	0.8	227,930	99.2	229,664
Mtwara	3,821	1.3	301,213	98.7	305,034
Ruvuma	74,480	22.4	257,539	77.6	332,019
Iringa	41,110	19.6	168,375	80.4	209,485
Mbeya	79,085	20.8	301,553	79.2	380,638
Singida	5,205	1.9	267,457	98.1	272,662
Tabora	8,097	2.2	361,874	97.8	369,971
Rukwa	17,069	7.8	201,180	92.2	218,249
Kigoma	20,578	5.9	327,800	94.1	348,378
Shinyanga	1,884	0.9	203,042	99.1	204,926
Kagera	64,984	13.5	418,036	86.5	483,020
Mwanza	4,011	1.0	402,022	99.0	406,033
Mara	669	0.3	233,262	99.7	233,931
Manyara	40,931	15.0	231,294	85.0	272,225
Njombe	24,498	15.3	135,610	84.7	160,108
Katavi	3,007	3.9	73,860	96.1	76,867
Simiyu	1,107	0.6	179,582	99.4	180,689
Geita	2,152	0.8	266,990	99.2	269,142
Songwe	31,073	11.0	250,748	89.0	281,821
<b>Mainland Tanzania</b>	<b>536,841</b>	<b>7.0</b>	<b>7,120,345</b>	<b>93.0</b>	<b>7,657,186</b>
Kaskazini Unguja	-	-	31,594	100.0	31,594
Kusini Unguja	57	0.3	17,535	99.7	17,592
Mjini Magharibi	88	0.2	35,785	99.8	35,873
Kaskazini Pemba	-	-	40,781	100.0	40,781
Kusini Pemba	-	-	54,379	100.0	54,379
<b>Tanzania Zanzibar</b>	<b>145</b>	<b>0.1</b>	<b>180,074</b>	<b>99.9</b>	<b>180,219</b>
<b>Tanzania</b>	<b>536,986</b>	<b>6.9</b>	<b>7,300,419</b>	<b>93.1</b>	<b>7,837,405</b>

**Table 4.65: Number and Percentage of Agricultural Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Tanzania**

Herd Size	Pig Rearing Households	Percent	Number of Pigs	Percent	Average Number per Household
1 - 4	399,131	77.1	1,156,767	36.1	3
5 - 9	69,586	13.4	720,811	22.5	10
10 - 14	27,923	5.4	466,691	14.6	17
15 - 19	9,213	1.8	238,762	7.5	26
20 - 24	5,276	1.0	120,742	3.8	23
25 - 29	2,482	0.5	112,092	3.5	45
30 - 34	663	0.1	32,313	1.0	49
35 - 39	1,212	0.2	95,097	3.0	78
40+	2,379	0.5	260,095	8.1	109
<b>Total</b>	<b>517,865</b>	<b>100.0</b>	<b>3,203,370</b>	<b>100.0</b>	<b>6</b>

**Table 4.66: Number and Percentage of Agricultural Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Mainland Tanzania**

Herd Size	Pig Rearing Households	Percent	Number of Pigs	Percent	Average Number per Household
1 - 4	399,131	77.1	1,156,767	36.1	3
5 - 9	69,542	13.4	720,546	22.5	10
10 - 14	27,866	5.4	465,762	14.5	17
15 - 19	9,213	1.8	238,762	7.5	26
20 - 24	5,232	1.0	119,725	3.7	23
25 - 29	2,482	0.5	112,092	3.5	45
30 - 34	663	0.1	32,313	1.0	49
35 - 39	1,212	0.2	95,097	3.0	78
40+	2,379	0.5	260,095	8.1	109
<b>Total</b>	<b>517,720</b>	<b>100.0</b>	<b>3,201,159</b>	<b>100.0</b>	<b>6</b>

**Table 4.67: Number and Percentage of Agricultural Households Rearing Pigs and Number of Pigs by Herd Size During 2019/20 Agricultural Year, Tanzania Zanzibar**

Herd Size	Pig Rearing Households	Percent	Number of Pigs	Percent	Average Number per Household
1 - 4	-	-	-	-	-
5 - 9	44	30.3	265	12.0	6
10 - 14	57	39.3	930	42.1	16
15 - 19	-	-	-	-	-
20 - 24	44	30.3	1,016	46.0	23
25 - 29	-	-	-	-	-
30 - 34	-	-	-	-	-
35 - 39	-	-	-	-	-
40+	-	-	-	-	-
<b>Total</b>	<b>145</b>	<b>100.0</b>	<b>2,211</b>	<b>100.0</b>	<b>15</b>

**Table 4.68: Number of Pigs and Average Number of Pigs per Household by Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Pig Rearing Households	Number of Pigs	Average Number Pigs per Household
Dodoma	36,263	103,158	3
Arusha	5,716	9,520	2
Kilimanjaro	31,978	129,674	4
Tanga	1,078	9,336	9
Morogoro	29,105	370,802	13
Pwani	2,815	87,542	31
Dar es Salaam	5,390	6,052	1
Lindi	1,734	30,768	18
Mtwara	4,076	29,140	7
Ruvuma	76,799	375,072	5
Iringa	42,258	157,774	4
Mbeya	81,026	261,719	3
Singida	5,205	27,250	5
Tabora	8,097	66,323	8
Rukwa	17,288	146,378	8
Kigoma	20,927	266,371	13
Shinyanga	1,884	37,745	20
Kagera	66,301	285,089	4
Mwanza	4,011	171,355	43
Mara	669	1,785	3
Manyara	40,931	165,760	4
Njombe	25,482	97,799	4
Katavi	3,007	80,763	27
Simiyu	1,107	13,982	13
Geita	2,152	114,157	53
Songwe	31,309	155,845	5
<b>Mainland Tanzania</b>	<b>546,608</b>	<b>3,201,159</b>	<b>6</b>
Kaskazini Unguja	-	-	-
Kusini Unguja	57	930	930
Mjini Magharibi	88	1,281	641
Kaskazini Pemba	-	-	-
Kusini Pemba	-	-	-
<b>Tanzania Zanzibar</b>	<b>145</b>	<b>2,211</b>	<b>15</b>
<b>Tanzania</b>	<b>546,753</b>	<b>3,203,370</b>	<b>6</b>

**Table 4.69: Number and Percentage of Pigs by Category and Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Boar		Castrated Male		Sow		Gilt	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	15,754	15.3	4,648	4.5	13,059	12.7	24,332	23.6
Arusha	1,302	13.7	894	9.4	1,233	13.0	2,069	21.7
Kilimanjaro	17,761	13.7	10,332	8.0	17,434	13.4	25,846	19.9
Tanga	1,843	19.7	308	3.3	969	10.4	4,898	52.5
Morogoro	56,926	15.4	37,722	10.2	47,031	12.7	88,997	24.0
Pwani	6,401	7.3	1,876	2.1	11,220	12.8	8,847	10.1
Dar es Salaam	364	6.0	693	11.4	858	14.2	588	9.7
Lindi	8,876	28.8	-	-	2,956	9.6	9,894	32.2
Mtwara	2,357	8.1	365	1.3	4,715	16.2	6,953	23.9
Ruvuma	66,320	17.7	40,872	10.9	36,629	9.8	107,530	28.7
Iringa	32,011	20.3	6,282	4.0	9,981	6.3	65,371	41.4
Mbeya	38,310	14.6	25,746	9.8	28,653	10.9	68,875	26.3
Singida	8,669	31.8	2,066	7.6	1,310	4.8	8,960	32.9
Tabora	7,929	12.0	696	1.0	12,195	18.4	5,428	8.2
Rukwa	14,744	10.1	7,544	5.2	23,455	16.0	28,334	19.4
Kigoma	49,433	18.6	-	-	35,727	13.4	55,718	20.9
Shinyanga	7,513	19.9	409	1.1	3,963	10.5	4,409	11.7
Kagera	74,417	26.1	1,011	0.4	43,616	15.3	81,037	28.4
Mwanza	18,144	10.6	10,100	5.9	19,772	11.5	47,088	27.5
Mara	1,019	57.1	-	-	-	-	767	42.9
Manyara	35,886	21.6	4,579	2.8	14,950	9.0	47,590	28.7
Njombe	27,868	28.5	3,105	3.2	7,767	7.9	35,011	35.8
Katavi	9,801	12.1	9,868	12.2	10,448	12.9	14,906	18.5
Simiyu	2,334	16.7	1,096	7.8	2,857	20.4	2,216	15.8
Geita	12,959	11.4	-	-	9,833	8.6	27,476	24.1
Songwe	15,179	9.7	13,431	8.6	51,616	33.1	27,630	17.7
<b>Mainland</b>	<b>534,120</b>	<b>16.7</b>	<b>183,643</b>	<b>5.7</b>	<b>412,247</b>	<b>12.9</b>	<b>800,770</b>	<b>25.0</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	77	8.3	-	-	232	25.0	155	16.7
Mjini Magharibi	309	24.1	-	-	177	13.8	88	6.9
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Zanzibar</b>	<b>386</b>	<b>17.5</b>	<b>-</b>	<b>-</b>	<b>409</b>	<b>18.5</b>	<b>243</b>	<b>11.0</b>
<b>Tanzania</b>	<b>534,506</b>	<b>16.7</b>	<b>183,643</b>	<b>5.7</b>	<b>412,656</b>	<b>12.9</b>	<b>801,013</b>	<b>25.0</b>



**Cont... Table 4.69: Number and Percentage of Pigs by Category and Region As of 1<sup>st</sup> August 2020, Tanzania**

Region	Male Piglet		She Piglet		Total	
	Number	Percent	Number	Percent	Number	Percent
Dodoma	21,458	20.8	23,908	23.2	103,159	3.2
Arusha	2,389	25.1	1,632	17.1	9,519	0.3
Kilimanjaro	27,459	21.2	30,842	23.8	129,674	4.1
Tanga	936	10.0	383	4.1	9,337	0.3
Morogoro	62,423	16.8	77,703	21.0	370,802	11.6
Pwani	28,519	32.6	30,678	35.0	87,541	2.7
Dar es Salaam	1,997	33.0	1,553	25.7	6,053	0.2
Lindi	3,651	11.9	5,390	17.5	30,767	1.0
Mtwara	8,510	29.2	6,239	21.4	29,139	0.9
Ruvuma	53,760	14.3	69,961	18.7	375,072	11.7
Iringa	19,805	12.6	24,325	15.4	157,775	4.9
Mbeya	49,764	19.0	50,371	19.2	261,719	8.2
Singida	2,358	8.7	3,888	14.3	27,251	0.9
Tabora	19,332	29.1	20,744	31.3	66,324	2.1
Rukwa	35,663	24.4	36,638	25.0	146,378	4.6
Kigoma	71,401	26.8	54,091	20.3	266,370	8.3
Shinyanga	10,935	29.0	10,517	27.9	37,746	1.2
Kagera	31,485	11.0	53,523	18.8	285,089	8.9
Mwanza	32,240	18.8	44,011	25.7	171,355	5.4
Mara	-	-	-	-	1,786	0.1
Manyara	32,988	19.9	29,768	18.0	165,761	5.2
Njombe	9,310	9.5	14,737	15.1	97,798	3.1
Katavi	16,648	20.6	19,093	23.6	80,764	2.5
Simiyu	2,192	15.7	3,287	23.5	13,982	0.4
Geita	22,389	19.6	41,499	36.4	114,156	3.6
Songwe	18,184	11.7	29,804	19.1	155,844	4.9
<b>Mainland Tanzania</b>	<b>585,796</b>	<b>18.3</b>	<b>684,585</b>	<b>21.4</b>	<b>3,201,161</b>	<b>100</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	232	25.0	232	25.0	928	42.0
Mjini Magharibi	221	17.3	486	37.9	1,281	58.0
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>453</b>	<b>20.5</b>	<b>718</b>	<b>32.5</b>	<b>2,209</b>	<b>100</b>
<b>Tanzania</b>	<b>586,249</b>	<b>18.3</b>	<b>685,303</b>	<b>21.4</b>	<b>3,203,370</b>	<b>100</b>

**Table 4.70: Number of Pig Intake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Boar			Castrated Male			Sow			Gilt		
	Number Purchased	Number Given/ Obtained	Total Intake	Number Purchased	Number Given/ Obtained	Total Intake	Number Purchased	Number Given/ Obtained	Total Intake	Number Purchased	Number Given/ Obtained	Total Intake
Dodoma	3,518	668	4,186	220	-	220	1,485	220	1,705	7,922	926	8,848
Arusha	-	-	-	67	-	67	-	-	-	379	-	379
Kilimanjaro	2,100	296	2,396	1,355	-	1,355	918	77	995	1,880	-	1,880
Tanga	609	-	609	-	-	-	-	-	-	3,047	-	3,047
Morogoro	7,529	1,208	8,737	-	-	-	10,927	940	11,867	7,180	-	7,180
Pwani	2,681	310	2,991	-	-	-	838	-	838	4,166	-	4,166
Dar es Salaam	120	-	120	323	-	323	122	108	230	3,167	-	3,167
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	908	908
Ruvuma	8,909	2,196	11,105	5,319	2,014	7,333	10,378	879	11,257	23,190	2,970	26,160
Iringa	9,865	1,087	10,952	2,133	-	2,133	282	-	282	14,956	519	15,475
Mbeya	10,393	428	10,821	4,094	255	4,349	5,282	-	5,282	18,421	1,580	20,001
Singida	479	273	752	547	-	547	-	-	-	1,939	-	1,939
Tabora	1,993	451	2,444	1,831	-	1,831	1,044	-	1,044	3,103	1,491	4,594
Rukwa	1,920	713	2,633	706	-	706	1,703	335	2,038	4,118	412	4,530
Kigoma	850	-	850	-	-	-	1,717	868	2,585	8,246	1,393	9,639
Shinyanga	682	682	1,364	-	-	-	-	391	391	184	-	184
Kagera	6,580	-	6,580	-	-	-	10,910	1,011	11,921	9,358	7,064	16,422
Mwanza	-	-	-	-	-	-	-	-	-	428	-	428
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	2,329	-	2,329	1,536	543	2,079	-	-	-	1,967	301	2,268
Njombe	5,597	-	5,597	460	-	460	1,093	622	1,715	7,555	-	7,555
Katavi	-	-	-	-	-	-	-	-	-	307	-	307
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-
Geita	498	-	498	-	-	-	-	-	-	-	-	-
Songwe	3,654	884	4,538	364	-	364	-	678	678	6,523	579	7,102
<b>Mainland Tanzania</b>	<b>70,306</b>	<b>9,196</b>	<b>79,502</b>	<b>18,955</b>	<b>2,812</b>	<b>21,767</b>	<b>46,699</b>	<b>6,129</b>	<b>52,828</b>	<b>128,036</b>	<b>18,143</b>	<b>146,179</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	2,209	-	2,209	-	-	-	2,209	-	2,209	2,209	-	2,209
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2,209</b>	<b>-</b>	<b>2,209</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2,209</b>	<b>-</b>	<b>2,209</b>	<b>2,209</b>	<b>-</b>	<b>2,209</b>
<b>Tanzania</b>	<b>72,515</b>	<b>9,196</b>	<b>81,711</b>	<b>18,955</b>	<b>2,812</b>	<b>21,767</b>	<b>48,908</b>	<b>6,129</b>	<b>55,037</b>	<b>130,245</b>	<b>18,143</b>	<b>148,388</b>

Cont... Table 4.70: Number of Pig Intake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Male Piglet				She Piglet				Total			
	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake	Number Purchased	Number Given/Obtained	Number Born	Total Intake
Dodoma	2,990	-	28,041	31,031	3,194	-	26,356	29,550	19,329	1,814	54,397	75,540
Arusha	554	-	2,701	3,255	576	-	1,944	2,520	1,576	-	4,645	6,221
Kilimanjaro	4,265	80	28,781	33,126	5,229	-	33,669	38,898	15,747	453	62,450	78,650
Tanga	-	-	2,468	2,468	-	-	1,149	1,149	3,656	-	3,617	7,273
Morogoro	3,205	-	73,035	76,240	10,125	-	93,812	103,937	38,966	2,148	166,847	207,961
Pwani	542	-	29,139	29,681	542	-	32,527	33,069	8,769	310	61,666	70,745
Dar es Salaam	-	-	2,250	2,250	-	-	3,931	3,931	3,732	108	6,181	10,021
Lindi	-	-	3,651	3,651	-	-	5,390	5,390	-	-	9,041	9,041
Mtwara	1,036	-	8,510	9,546	1,179	-	8,429	9,608	2,215	908	16,939	20,062
Ruvuma	9,630	1,465	65,990	77,085	11,130	1,284	94,833	107,247	68,556	10,808	160,823	240,187
Iringa	10,107	649	41,657	52,413	15,841	247	49,164	65,252	53,184	2,502	90,821	146,507
Mbeya	20,724	-	72,238	92,962	24,891	1,084	75,627	101,602	83,805	3,347	147,865	235,017
Singida	-	687	2,358	3,045	547	687	3,888	5,122	3,512	1,647	6,246	11,405
Tabora	600	289	19,332	20,221	1,272	289	20,744	22,305	9,843	2,520	40,076	52,439
Rukwa	438	-	40,038	40,476	485	-	46,718	47,203	9,370	1,460	86,756	97,586
Kigoma	8,137	-	76,426	84,563	5,958	-	65,859	71,817	24,908	2,261	142,285	169,454
Shinyanga	682	-	11,178	11,860	682	-	11,687	12,369	2,230	1,073	22,865	26,168
Kagera	4,355	1,762	57,368	63,485	9,842	-	76,362	86,204	41,045	9,837	133,730	184,612
Mwanza	-	-	32,240	32,240	2,159	-	52,999	55,158	2,587	-	85,239	87,826
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	3,697	1,098	32,988	37,783	3,540	355	32,424	36,319	13,069	2,297	65,412	80,778
Njombe	2,071	-	9,310	11,381	3,656	-	15,710	19,366	20,432	622	25,020	46,074
Katavi	-	-	16,648	16,648	-	-	23,435	23,435	307	-	40,083	40,390
Simiyu	-	-	2,192	2,192	-	-	3,287	3,287	-	-	5,479	5,479
Geita	-	-	22,389	22,389	-	-	41,499	41,499	498	-	63,888	64,386
Songwe	591	295	30,521	31,407	3,237	295	41,906	45,438	14,369	2,731	72,427	89,527
<b>Mainland Tanzania</b>	<b>73,624</b>	<b>6,325</b>	<b>711,449</b>	<b>791,398</b>	<b>104,085</b>	<b>4,241</b>	<b>863,349</b>	<b>971,675</b>	<b>441,705</b>	<b>46,846</b>	<b>1,574,798</b>	<b>2,063,349</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	232	232	-	-	232	232	-	-	464	464
Mjini Magharibi	-	-	221	221	-	-	486	486	6,627	-	707	7,334
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>453</b>	<b>453</b>	<b>-</b>	<b>-</b>	<b>718</b>	<b>718</b>	<b>6,627</b>	<b>-</b>	<b>1,171</b>	<b>7,798</b>
<b>Tanzania</b>	<b>73,624</b>	<b>6,325</b>	<b>711,902</b>	<b>791,851</b>	<b>104,085</b>	<b>4,241</b>	<b>864,067</b>	<b>972,393</b>	<b>448,332</b>	<b>46,846</b>	<b>1,575,969</b>	<b>2,071,147</b>

**Table 4.71: Number of Pig Intake Purchased and Average Price per Head by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Boar		Castrated Male		Sow		Gilt		Male Piglet		She Piglet	
	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head	Number Purchased	Average Price per Head
Dodoma	3,518	100,000	220	130,000	1,485	105,696	7,922	72,119	2,990	41,392	3,194	43,045
Arusha	-		67	120,000	-		379	50,000	554	47,453	576	46,449
Kilimanjaro	2,100	109,700	1,355	416,933	918	205,583	1,880	107,271	4,265	59,839	5,229	59,425
Tanga	609	100,000	-		-		3,047	50,000	-		-	
Morogoro	7,529	124,184	-		10,927	213,571	7,180	82,177	3,205	50,000	10,125	53,805
Pwani	2,681	296,465	-		838	159,827	4,166	66,969	542	50,000	542	50,000
Dar es Salaam	120	100,000	323	250,000	122	400,000	3,167	300,000	-		-	
Lindi	-		-		-		-		-		-	
Mtwara	-		-		-		-		1,036	30,000	1,179	50,000
Ruvuma	8,909	153,818	5,319	252,081	10,378	234,843	23,190	173,916	9,630	41,225	11,130	41,408
Iringa	9,865	100,000	2,133	120,000	282	100,000	14,956	61,490	10,107	58,041	15,841	52,650
Mbeya	10,393	164,314	4,094	131,438	5,282	136,482	18,421	100,492	20,724	51,147	24,891	52,028
Singida	479	150,000	547	120,000	-		1,939	75,589	-		547	20,000
Tabora	1,993	159,319	1,831	200,000	1,044	176,674	3,103	137,083	600	36,327	1,272	33,163
Rukwa	1,920	100,000	706	120,000	1,703	237,089	4,118	64,315	438	40,180	485	50,000
Kigoma	850	100,000	-		1,717	100,000	8,246	207,219	8,137	46,365	5,958	50,000
Shinyanga	682	250,000	-		-		184	40,000	682	20,000	682	20,000
Kagera	6,580	105,105	-		10,910	110,600	9,358	150,036	4,355	30,430	9,842	23,881
Mwanza	-		-		-		428	120,000	-		2,159	70,000
Mara	-		-		-		-		-		-	
Manyara	2,329	179,127	1,536	120,000	-		1,967	86,295	3,697	43,043	3,540	45,567
Njombe	5,597	100,000	460	110,909	1,093	196,391	7,555	59,109	2,071	57,879	3,656	55,219
Katavi	-		-		-		307	290,000	-		-	
Simiyu	-		-		-		-		-		-	
Geita	498	100,000	-		-		-		-		-	
Songwe	3,654	107,856	364	120,000	-		6,523	61,762	591	45,359	3,237	52,388
<b>Mainland Tanzania</b>	<b>70,306</b>	<b>136,836</b>	<b>18,955</b>	<b>170,105</b>	<b>46,699</b>	<b>182,827</b>	<b>128,036</b>	<b>112,183</b>	<b>73,624</b>	<b>44,040</b>	<b>104,085</b>	<b>45,738</b>
Kaskazini Unguja	-		-		-		-		-		-	
Kusini Unguja	-		-		-		-		-		-	
Mjini Magharibi	2,209	300,000	-		2,209	600,000	2,209	400,000	-		-	
Kaskazini Pemba	-		-		-		-		-		-	
Kusini Pemba	-		-		-		-		-		-	
<b>Tanzania Zanzibar</b>	<b>2,209</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>2,209</b>	<b>600,000</b>	<b>2,209</b>	<b>400,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>72,515</b>	<b>144,994</b>	<b>611</b>	<b>170,105</b>	<b>48,908</b>	<b>212,625</b>	<b>130,245</b>	<b>125,124</b>	<b>73,624</b>	<b>44,040</b>	<b>104,085</b>	<b>45,738</b>

**Table 4.72: Number of Pig Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania**

Region	Boar						Castrated Male					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake
Dodoma	2,913	689	-	-	1,284	4,886	831	1,258	-	-	419	2,508
Arusha	50	66	-	-	-	116	-	-	-	-	-	-
Kilimanjaro	8,208	234	498	124	3,927	12,991	2,159	-	622	-	588	3,369
Tanga	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	13,767	-	-	-	7,590	21,357	9,900	-	-	-	3,197	13,097
Pwani	845	1,296	-	-	7,395	9,536	-	-	-	-	-	-
Dar es Salaam	-	122	-	-	-	122	122	-	-	-	-	122
Lindi	-	1,895	-	-	-	1,895	-	-	-	-	-	-
Mtwara	5,367	1,506	-	510	518	7,901	-	365	-	-	-	365
Ruvuma	13,742	2,474	2,048	-	4,608	22,872	14,014	1,093	2,881	-	2,357	20,345
Iringa	16,692	-	-	-	6,593	23,285	6,304	-	-	-	-	6,304
Mbeya	28,378	435	1,240	-	19,795	49,848	15,797	3,049	3,049	-	5,523	27,418
Singida	1,721	-	-	-	-	1,721	-	257	128	-	-	385
Tabora	1,384	-	-	200	276	1,860	-	-	-	-	-	-
Rukwa	7,880	-	430	860	615	9,785	2,112	-	-	-	-	2,112
Kigoma	34,376	2,667	-	-	10,373	47,416	850	1,800	-	1,700	-	4,350
Shinyanga	4,873	1,123	-	253	157	6,406	-	-	-	-	-	-
Kagera	5,766	-	-	-	5,211	10,977	-	1,572	871	-	-	2,443
Mwanza	16,368	2,126	-	-	776	19,270	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	4,660	-	-	-	1,028	5,688	754	276	-	-	199	1,229
Njombe	869	-	-	-	-	869	1,613	-	-	-	-	1,613
Katavi	3,485	-	-	727	1,040	5,252	2,076	554	554	-	1,108	4,292
Simiyu	-	2,739	5,479	-	2,739	10,957	-	-	-	-	-	-
Geita	1,706	12,001	4,239	-	14,573	32,519	-	-	-	-	-	-
Songwe	7,097	-	6,260	-	11,521	24,878	3,428	-	-	-	1,178	4,606
<b>Mainland Tanzania</b>	<b>180,147</b>	<b>29,373</b>	<b>20,194</b>	<b>2,674</b>	<b>100,019</b>	<b>332,407</b>	<b>59,960</b>	<b>10,224</b>	<b>8,105</b>	<b>1,700</b>	<b>14,569</b>	<b>94,558</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	663	-	-	-	-	663	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>663</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>663</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>180,810</b>	<b>29,373</b>	<b>20,194</b>	<b>2,674</b>	<b>100,019</b>	<b>333,070</b>	<b>59,960</b>	<b>10,224</b>	<b>8,105</b>	<b>1,700</b>	<b>14,569</b>	<b>94,558</b>

Cont... Table 4.72: Number of Pig Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Sow						Gilt					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake
Dodoma	7,090	-	-	-	883	7,973	2,580	-	-	-	970	3,550
Arusha	332	-	-	-	-	332	-	-	-	-	-	-
Kilimanjaro	1,031	-	-	-	2,162	3,193	2,000	-	-	-	919	2,919
Tanga	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	8,362	940	-	-	5,166	14,468	4,725	2,262	-	-	2,205	9,192
Pwani	-	648	-	1,714	310	2,672	4,535	2,225	620	1,496	1,102	9,978
Dar es Salaam	-	-	127	-	-	127	760	108	-	-	-	868
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	2,217	-	-	1,020	-	3,237	2,025	-	631	-	-	2,656
Ruvuma	12,326	2,072	-	586	2,053	17,037	15,867	625	2,576	-	2,170	21,238
Iringa	12,121	-	-	-	1,240	13,361	8,704	834	-	-	3,467	13,005
Mbeya	8,893	1,524	915	-	4,698	16,030	15,274	1,970	1,821	-	7,304	26,369
Singida	1,008	-	-	-	-	1,008	378	-	-	-	206	584
Tabora	2,115	-	-	200	-	2,315	336	-	359	-	458	1,153
Rukwa	7,973	260	-	-	430	8,663	4,269	1,612	940	134	403	7,358
Kigoma	33,578	1,112	-	1,700	1,591	37,981	6,420	2,275	-	771	1,138	10,604
Shinyanga	1,239	287	-	896	157	2,579	896	-	-	-	-	896
Kagera	5,038	700	1,726	-	2,941	10,405	7,334	3,283	-	1,702	3,229	15,548
Mwanza	14,934	-	-	-	372	15,306	478	1,738	-	-	-	2,216
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	2,814	582	-	-	397	3,793	-	-	-	-	-	-
Njombe	1,110	756	252	-	890	3,008	1,414	-	-	-	-	1,414
Katavi	2,566	452	226	-	-	3,244	4,841	-	-	-	-	4,841
Simiyu	24,368	5,479	-	-	1,096	30,943	10,958	2,192	3,287	1,096	4,644	22,177
Geita	4,725	5,143	1,714	-	7,414	18,996	1,413	-	-	706	-	2,119
Songwe	6,269	947	474	-	7,470	15,160	370	2,085	-	-	1,415	3,870
<b>Mainland Tanzania</b>	<b>160,109</b>	<b>20,902</b>	<b>5,434</b>	<b>6,116</b>	<b>39,270</b>	<b>231,831</b>	<b>95,577</b>	<b>21,209</b>	<b>10,234</b>	<b>5,905</b>	<b>29,630</b>	<b>162,555</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	232	-	-	-	-	232	-	-	-	-	-	-
Mjini Magharibi	4,418	177	-	-	-	4,595	4,418	-	-	-	-	4,418
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>4,650</b>	<b>177</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,827</b>	<b>4,418</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,418</b>
<b>Tanzania</b>	<b>164,759</b>	<b>21,079</b>	<b>5,434</b>	<b>6,116</b>	<b>39,270</b>	<b>236,658</b>	<b>99,995</b>	<b>21,209</b>	<b>10,234</b>	<b>5,905</b>	<b>29,630</b>	<b>166,973</b>

Cont... Table 4.72: Number of Pig Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Male Piglet						She Piglet					
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Stolen	Number Died	Total Offtake
Dodoma	5,480	-	-	-	2,739	8,219	9,838	-	-	-	936	10,774
Arusha	921	-	-	-	-	921	1,514	-	-	-	255	1,769
Kilimanjaro	7,720	-	-	-	5,035	12,755	5,747	-	-	-	3,695	9,442
Tanga	1,149	-	-	-	-	1,149	1,149	-	-	-	-	1,149
Morogoro	1,685	-	-	-	1,702	3,387	4,056	-	-	-	9,984	14,040
Pwani	1,626	-	-	-	7,141	8,767	-	-	-	528	6,564	7,092
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	1,539	-	-	1,020	1,148	3,707	2,017	-	-	510	2,370	4,897
Ruvuma	15,489	770	1,740	-	10,877	28,876	18,459	737	434	-	13,175	32,805
Iringa	21,172	-	1,048	1,947	9,511	33,678	19,700	-	400	649	12,448	33,197
Mbeya	23,008	-	932	8,869	32,896	65,705	19,074	-	1,073	-	17,640	37,787
Singida	-	-	-	-	2,267	2,267	-	-	-	-	1,133	1,133
Tabora	-	-	-	-	1,649	1,649	-	-	-	1,007	1,354	2,361
Rukwa	6,482	-	-	-	3,621	10,103	7,797	-	-	-	1,562	9,359
Kigoma	-	-	-	-	15,068	15,068	-	-	-	3,085	28,915	32,000
Shinyanga	682	-	-	896	5,052	6,630	-	-	-	-	2,298	2,298
Kagera	29,504	-	1,680	1,264	1,962	34,410	23,204	-	1,347	-	1,693	26,244
Mwanza	1,712	-	-	-	1,701	3,413	1,712	-	-	-	372	2,084
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	3,277	3,277	-	-	345	-	4,143	4,488
Njombe	2,435	-	-	-	1,746	4,181	4,371	-	-	-	3,252	7,623
Katavi	1,582	-	-	-	3,885	5,467	1,356	-	-	-	3,105	4,461
Simiyu	10,410	-	-	1,096	7,671	19,177	-	-	2,192	1,096	9,862	13,150
Geita	-	-	-	-	-	-	1,413	-	-	-	-	1,413
Songwe	1,808	-	3,130	-	10,510	15,448	2,275	-	-	-	9,402	11,677
<b>Mainland Tanzania</b>	<b>134,404</b>	<b>770</b>	<b>8,530</b>	<b>15,092</b>	<b>129,458</b>	<b>288,254</b>	<b>123,682</b>	<b>737</b>	<b>5,791</b>	<b>6,875</b>	<b>134,158</b>	<b>271,243</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	265	265	-	-	-	-	265	265
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265</b>	<b>265</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>265</b>	<b>265</b>
<b>Tanzania</b>	<b>134,404</b>	<b>770</b>	<b>8,530</b>	<b>15,092</b>	<b>129,723</b>	<b>288,519</b>	<b>123,682</b>	<b>737</b>	<b>5,791</b>	<b>6,875</b>	<b>134,423</b>	<b>271,508</b>

Cont... Table 4.72: Number of Pig Offtake by Category and Region During 2019/20 Agricultural Year, Tanzania

Region	Total					Total Offtake
	Number Sold/Traded	Number Consumed by Household	Number Given Away	Number Given Stolen	Number Died	
Dodoma	28,732	1,947	-	-	7,231	37,910
Arusha	2,817	66	-	-	255	3,138
Kilimanjaro	26,865	234	1,120	124	16,326	44,669
Tanga	2,298	-	-	-	-	2,298
Morogoro	42,495	3,202	-	-	29,844	75,541
Pwani	7,006	4,169	620	3,738	22,512	38,045
Dar es Salaam	882	230	127	-	-	1,239
Lindi	-	1,895	-	-	-	1,895
Mtwara	13,165	1,871	631	3,060	4,036	22,763
Ruvuma	89,897	7,771	9,679	586	35,240	143,173
Iringa	84,693	834	1,448	2,596	33,259	122,830
Mbeya	110,424	6,978	9,030	8,869	87,856	223,157
Singida	3,107	257	128	-	3,606	7,098
Tabora	3,835	-	359	1,407	3,737	9,338
Rukwa	36,513	1,872	1,370	994	6,631	47,380
Kigoma	75,224	7,854	-	7,256	57,085	147,419
Shinyanga	7,690	1,410	-	2,045	7,664	18,809
Kagera	70,846	5,555	5,624	2,966	15,036	100,027
Mwanza	35,204	3,864	-	-	3,221	42,289
Mara	-	-	-	-	-	-
Manyara	8,228	858	345	-	9,044	18,475
Njombe	11,812	756	252	-	5,888	18,708
Katavi	15,906	1,006	780	727	9,138	27,557
Simiyu	45,736	10,410	10,958	3,288	26,012	96,404
Geita	9,257	17,144	5,953	706	21,987	55,047
Songwe	21,247	3,032	9,864	-	41,496	75,639
<b>Mainland Tanzania</b>	<b>753,879</b>	<b>83,215</b>	<b>58,288</b>	<b>38,362</b>	<b>447,104</b>	<b>1,380,848</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	232	-	-	-	-	232
Mjini Magharibi	9,499	177	-	-	530	10,206
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>9,731</b>	<b>177</b>	<b>-</b>	<b>-</b>	<b>530</b>	<b>10,438</b>
<b>Tanzania</b>	<b>763,610</b>	<b>83,392</b>	<b>58,288</b>	<b>38,362</b>	<b>447,634</b>	<b>1,391,286</b>



**Table 4.73: Number of Agricultural Households Reported Occurrence of Pig Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Pig Disease													
	Anthrax		African Swan Fever		Anemia		Helminthiosis		Brucellosis		Mange		FMD	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	-	35,963	2,822	33,141	-	35,963	4,519	31,444	885	35,079	2,902	33,062	-	35,963
Arusha	-	5,716	-	5,716	-	5,716	900	4,815	-	5,716	717	4,999	324	5,391
Kilimanjaro	-	31,583	-	31,583	-	31,583	13,527	18,057	257	31,327	3,566	28,018	-	31,583
Tanga	-	1,078	-	1,078	-	1,078	554	524	-	1,078	176	902	-	1,078
Morogoro	-	28,801	2,617	26,183	292	28,508	7,599	21,202	683	28,118	5,886	22,915	-	28,801
Pwani	-	2,815	114	2,701	-	2,815	1,547	1,268	-	2,815	864	1,951	114	2,701
Dar es Salaam	-	5,390	-	5,390	-	5,390	2,783	2,606	-	5,390	-	5,390	-	5,390
Lindi	-	1,734	-	1,734	-	1,734	1,021	713	-	1,734	321	1,413	192	1,542
Mtwara	-	3,821	-	3,821	-	3,821	1,092	2,729	233	3,588	-	3,821	-	3,821
Ruvuma	-	74,480	2,133	72,347	-	74,480	24,458	50,022	412	74,069	15,429	59,052	237	74,244
Iringa	-	41,110	2,293	38,817	-	41,111	9,852	31,257	550	40,557	3,039	38,064	1,676	39,434
Mbeya	-	79,085	9,144	69,941	206	78,879	20,640	58,445	419	78,666	5,799	73,286	1,416	77,669
Singida	-	5,205	-	5,205	-	5,205	911	4,294	-	5,205	481	4,725	202	5,003
Tabora	-	8,097	769	7,328	166	7,931	1,029	7,068	166	7,931	-	8,097	184	7,913
Rukwa	-	17,069	-	17,069	-	17,069	4,192	12,877	243	16,826	1,191	15,878	-	17,069
Kigoma	-	20,578	-	20,578	-	20,578	10,876	9,702	-	20,578	1,265	19,314	574	20,004
Shinyanga	-	1,884	544	1,341	-	1,884	714	1,170	-	1,884	99	1,786	-	1,884
Kagera	-	64,984	1,962	63,022	529	64,455	7,046	57,938	1,065	63,919	2,716	62,268	-	64,984
Mwanza	-	4,011	-	4,011	-	4,011	1,454	2,557	233	3,778	454	3,558	-	4,011
Mara	-	669	-	669	-	669	-	669	-	669	-	669	-	669
Manyara	-	40,931	1,532	39,399	-	40,931	9,211	31,720	-	40,931	4,122	36,809	-	40,931
Njombe	-	24,498	105	24,393	-	24,498	3,777	20,721	-	24,498	2,834	21,664	159	24,339
Katavi	-	3,007	-	3,007	-	3,007	570	2,438	83	2,924	-	3,007	-	3,007
Simiyu	-	1,107	-	1,107	-	1,107	1,002	106	809	298	-	1,107	-	1,107
Geita	-	2,152	311	1,841	-	2,152	1,664	488	-	2,152	508	1,644	-	2,152
Songwe	-	31,073	2,958	28,115	295	30,778	2,027	29,046	-	31,073	1,677	29,396	-	31,073
<b>Mainland Tanzania</b>	<b>-</b>	<b>536,841</b>	<b>27,304</b>	<b>509,537</b>	<b>1,488</b>	<b>535,353</b>	<b>132,965</b>	<b>403,876</b>	<b>6,038</b>	<b>530,803</b>	<b>54,046</b>	<b>482,795</b>	<b>5,078</b>	<b>531,763</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	57	-	57	57	-	57	-	-	57	57	-	-	57
Mjini Magharibi	-	88	-	88	-	88	-	88	-	88	-	88	-	88
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>145</b>	<b>-</b>	<b>145</b>	<b>57</b>	<b>88</b>	<b>57</b>	<b>88</b>	<b>-</b>	<b>145</b>	<b>57</b>	<b>88</b>	<b>-</b>	<b>145</b>
<b>Tanzania</b>	<b>-</b>	<b>536,986</b>	<b>27,304</b>	<b>509,682</b>	<b>1,545</b>	<b>535,441</b>	<b>133,022</b>	<b>403,964</b>	<b>6,038</b>	<b>530,948</b>	<b>54,103</b>	<b>482,883</b>	<b>5,078</b>	<b>531,908</b>

**Table 4.74: Number of Reported Cases of Pig Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	African Swine Fever (ASF)				Anemia				Helminthiosis			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	4,554	-	3,662	892	-	-	-	-	13,050	13,050	11,879	1,172
Arusha	-	-	-	-	-	-	-	-	1,502	1,502	1,502	-
Kilimanjaro	-	-	-	-	-	-	-	-	52,353	45,807	44,550	591
Tanga	-	-	-	-	-	-	-	-	5,515	5,515	5,515	-
Morogoro	31,309	-	14,396	9,686	1,637	1,637	1,637	-	92,941	92,941	88,771	12,925
Pwani	4,958	-	-	2,169	-	-	-	-	39,408	49,132	24,647	1,239
Dar es Salaam	-	-	-	-	-	-	-	-	1,139	1,139	1,139	-
Lindi	-	-	-	-	-	-	-	-	17,706	17,706	17,706	-
Mtwara	-	-	-	-	-	-	-	-	7,962	4,009	5,029	2,933
Ruvuma	4,766	-	2,647	2,119	-	-	-	-	102,971	113,148	96,209	2,557
Iringa	14,542	-	199	12,088	-	-	-	-	30,298	31,668	26,916	-
Mbeya	63,501	-	10,537	53,971	1,647	1,029	618	-	67,901	64,213	53,461	8,255
Singida	-	-	-	-	-	-	-	-	2,284	2,284	2,284	-
Tabora	2,289	-	1,736	276	539	539	539	-	6,506	6,506	6,506	-
Rukwa	-	-	-	-	-	-	-	-	25,800	23,510	24,657	2,149
Kigoma	-	-	-	-	-	-	-	-	99,848	99,848	75,199	22,950
Shinyanga	8,336	-	5,178	3,158	-	-	-	-	6,730	6,730	6,730	-
Kagera	18,746	-	5,808	10,476	1,074	1,074	1,074	-	26,693	24,732	25,713	1,961
Mwanza	-	-	-	-	-	-	-	-	69,578	69,100	69,100	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	4,401	-	2,991	1,410	-	-	-	-	30,964	29,822	28,702	-
Njombe	1,702	-	1,064	638	-	-	-	-	20,361	19,882	10,860	462
Katavi	-	-	-	-	-	-	-	-	19,968	18,890	18,212	1,756
Simiyu	-	-	-	-	-	-	-	-	15,863	15,863	15,602	261
Geita	6,358	-	4,945	1,413	-	-	-	-	43,688	43,688	43,688	-
Songwe	32,374	-	226	32,148	1,198	300	300	-	7,154	6,855	6,319	300
<b>Mainland Tanzania</b>	<b>197,836</b>	<b>-</b>	<b>53,389</b>	<b>130,444</b>	<b>6,095</b>	<b>4,579</b>	<b>4,168</b>	<b>-</b>	<b>808,183</b>	<b>807,540</b>	<b>710,896</b>	<b>59,511</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	5,114	465	465	-	620	620	620	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,114</b>	<b>465</b>	<b>465</b>	<b>-</b>	<b>620</b>	<b>620</b>	<b>620</b>	<b>-</b>
<b>Tanzania</b>	<b>197,836</b>	<b>-</b>	<b>53,389</b>	<b>130,444</b>	<b>11,209</b>	<b>5,044</b>	<b>4,633</b>	<b>-</b>	<b>808,803</b>	<b>808,160</b>	<b>711,516</b>	<b>59,511</b>

Cont... Table 4.74: Number of Reported Cases of Pig Diseases Occurrence by Type and Region During 2019/20 Agricultural Year, Tanzania

Region	Brucellosis				Mange				Foot and Mouth Disease (FMD)			
	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died	Number Infected	Number Treated	Number Recovered	Number Died
Dodoma	885	885	567	318	8,334	8,334	8,334	-	-	-	-	-
Arusha	-	-	-	-	521	521	521	-	351	351	351	-
Kilimanjaro	208	208	208	-	18,926	19,085	18,650	276	-	-	-	-
Tanga	-	-	-	-	924	924	924	-	-	-	-	-
Morogoro	1,913	-	1,913	-	57,125	58,868	44,443	1,913	-	-	-	-
Pwani	-	-	-	-	5,657	9,156	4,865	792	620	3,409	620	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	5,219	5,219	5,219	-	1,041	1,041	1,041	-
Mtwara	631	-	631	-	-	-	-	-	-	-	-	-
Ruvuma	669	669	395	274	56,253	61,559	50,084	2,981	385	385	385	-
Iringa	931	337	931	-	13,661	14,473	13,415	-	2,837	5,640	2,002	834
Mbeya	419	-	-	-	19,291	20,360	19,066	225	3,284	3,284	2,320	965
Singida	-	-	-	-	2,224	2,224	2,224	-	547	547	547	-
Tabora	180	180	180	-	-	-	-	-	599	599	599	-
Rukwa	639	639	639	-	9,521	7,227	9,521	-	-	-	-	-
Kigoma	-	-	-	-	9,633	11,223	8,721	-	2,138	2,138	2,138	-
Shinyanga	-	-	-	-	1,570	1,570	1,570	-	-	-	-	-
Kagera	2,164	-	1,046	-	22,313	22,313	19,924	-	-	-	-	-
Mwanza	1,010	1,010	1,010	-	5,924	5,446	5,446	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	16,807	18,638	16,402	-	-	-	-	-
Njombe	-	-	-	-	9,391	13,407	8,912	-	323	323	323	-
Katavi	226	226	226	-	-	-	-	-	-	-	-	-
Simiyu	1,096	1,096	1,096	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	4,624	4,624	4,624	-	-	-	-	-
Songwe	-	-	-	-	7,487	7,487	7,487	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>10,971</b>	<b>5,250</b>	<b>8,842</b>	<b>592</b>	<b>275,405</b>	<b>292,658</b>	<b>250,352</b>	<b>6,187</b>	<b>12,125</b>	<b>17,717</b>	<b>10,326</b>	<b>1,799</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	77	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>77</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>10,971</b>	<b>5,250</b>	<b>8,842</b>	<b>592</b>	<b>275,482</b>	<b>292,658</b>	<b>250,352</b>	<b>6,187</b>	<b>12,125</b>	<b>17,717</b>	<b>10,326</b>	<b>1,799</b>

**Table 4.75: Number of Agricultural Household Reported Year of Last Vaccination by Pig Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Anthrax Disease								Brucellosis Disease							
	Last Year of Vaccination								Last Year of Vaccination							
	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated	2020	2019	2018	2017	2016	2015	Before 2015	Not Vaccinated
Dodoma	1,282	-	309	-	-	-	-	34,373	1,864	203	-	-	-	-	-	33,897
Arusha	535	514	-	-	-	-	-	4,667	601	-	-	-	-	-	-	5,114
Kilimanjaro	3,401	1,659	-	-	-	-	-	26,524	2,241	813	-	-	-	-	98	28,432
Tanga	525	-	-	-	-	-	-	553	-	-	-	-	-	-	-	1,078
Morogoro	5,906	649	-	-	-	-	-	22,246	3,342	-	-	-	-	-	-	25,458
Pwani	717	-	104	-	-	-	-	1,995	316	-	104	-	-	-	200	2,195
Dar es Salaam	2,783	-	-	-	-	-	-	2,606	1,923	-	-	-	-	-	-	3,466
Lindi	-	-	-	-	-	-	-	1,734	-	-	-	-	-	-	-	1,734
Mtwara	235	-	233	-	-	-	-	3,352	-	-	233	-	-	-	-	3,588
Ruvuma	5,968	2,267	-	-	-	-	175	66,071	5,473	1,143	-	-	-	-	201	67,664
Iringa	6,828	505	-	-	-	-	-	33,777	7,857	505	-	-	-	-	-	32,748
Mbeya	6,280	949	-	-	-	-	-	71,856	3,686	713	255	-	-	-	267	74,163
Singida	-	170	-	-	-	-	-	5,035	-	-	-	-	-	-	-	5,205
Tabora	927	-	-	-	-	-	-	7,170	511	-	-	-	-	-	-	7,586
Rukwa	697	268	614	-	93	-	-	15,397	201	511	-	-	-	-	-	16,357
Kigoma	461	764	-	-	-	-	349	19,005	660	-	-	-	-	-	-	19,918
Shinyanga	123	-	-	-	-	-	-	1,762	191	143	-	-	-	-	-	1,551
Kagera	4,363	676	-	-	-	-	-	59,945	4,587	676	-	-	-	-	-	59,721
Mwanza	518	172	-	-	-	-	-	3,321	233	-	-	-	-	-	-	3,778
Mara	-	-	-	-	-	-	-	669	-	-	-	-	-	-	-	669
Manyara	1,358	311	-	-	-	-	93	39,168	665	570	188	-	-	-	507	39,000
Njombe	4,505	580	-	-	-	-	112	19,301	4,406	469	-	-	-	-	112	19,511
Katavi	518	-	-	-	-	-	-	2,489	518	-	-	-	-	-	-	2,489
Simiyu	-	-	-	-	-	-	-	1,107	-	405	405	-	-	-	-	298
Geita	734	-	-	-	-	-	-	1,418	734	-	-	-	-	-	-	1,418
Songwe	2,747	605	-	-	-	-	-	27,721	3,097	-	-	-	-	-	-	27,976
<b>Mainland Tanzania</b>	<b>51,411</b>	<b>10,089</b>	<b>1,260</b>	<b>-</b>	<b>93</b>	<b>-</b>	<b>729</b>	<b>473,262</b>	<b>43,106</b>	<b>6,151</b>	<b>1,185</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,385</b>	<b>485,014</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	57	-	-	-	-	-	-	-	57
Mjini Magharibi	-	-	-	-	-	-	-	88	-	-	-	-	-	-	-	88
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145</b>
<b>Tanzania</b>	<b>51,411</b>	<b>10,089</b>	<b>1,260</b>	<b>-</b>	<b>93</b>	<b>-</b>	<b>729</b>	<b>473,407</b>	<b>43,106</b>	<b>6,151</b>	<b>1,185</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,385</b>	<b>485,159</b>

**Cont... Table 4.75: Number of Agricultural Household Reported Year of Last Vaccination by Pig Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease (FMD)							
	Last Year of Vaccination							Not Vaccinated
	2020	2019	2018	2017	2016	2015	Before 2015	
Dodoma	1,279	203	-	-	-	-	-	34,482
Arusha	1,021	122	-	-	-	-	-	4,572
Kilimanjaro	1,842	-	-	-	-	-	432	29,309
Tanga	-	-	-	-	-	-	-	1,078
Morogoro	4,121	507	-	-	-	-	144	24,029
Pwani	316	-	104	-	-	-	-	2,395
Dar es Salaam	1,923	-	-	-	-	-	-	3,466
Lindi	-	192	-	-	-	-	-	1,542
Mtwara	-	-	233	-	-	-	268	3,319
Ruvuma	4,873	1,332	-	-	-	-	201	68,074
Iringa	7,925	505	-	-	-	-	493	32,187
Mbeya	5,106	1,637	-	-	-	-	-	72,342
Singida	202	-	-	-	-	-	-	5,003
Tabora	416	-	-	-	-	258	-	7,423
Rukwa	157	268	-	-	-	-	-	16,644
Kigoma	833	-	764	-	-	-	-	18,982
Shinyanga	-	-	-	-	-	-	-	1,884
Kagera	3,737	-	-	-	-	-	-	61,246
Mwanza	125	-	-	-	-	-	-	3,887
Mara	-	-	-	-	-	-	-	669
Manyara	456	311	259	-	-	-	281	39,623
Njombe	4,916	938	-	-	-	-	353	18,291
Katavi	518	-	-	-	-	-	-	2,489
Simiyu	-	-	-	-	-	-	-	1,107
Geita	734	-	-	-	-	-	-	1,418
Songwe	2,294	223	-	-	-	-	-	28,556
<b>Mainland Tanzania</b>	<b>42,794</b>	<b>6,238</b>	<b>1,360</b>	<b>-</b>	<b>-</b>	<b>258</b>	<b>2,172</b>	<b>484,017</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	57
Mjini Magharibi	-	-	-	-	-	-	-	88
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145</b>
<b>Tanzania</b>	<b>42,794</b>	<b>6,238</b>	<b>1,360</b>	<b>-</b>	<b>-</b>	<b>258</b>	<b>2,172</b>	<b>484,162</b>

**Table 4.76: Number of Agricultural Households Reported Main Source of Vaccine by Pig Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Anthrax						Brucellosis					
	Main Source of Vaccine						Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	419	862	-	-	-	34,682	318	692	-	490	567	33,897
Arusha	603	445	-	-	-	4,667	567	272	-	-	-	4,876
Kilimanjaro	1,129	3,501	98	-	2,763	24,092	996	1,882	98	-	2,213	26,394
Tanga	348	177	-	-	-	553	-	-	-	-	-	1,078
Morogoro	2,512	3,568	-	184	-	22,537	1,532	1,901	-	-	-	25,368
Pwani	717	-	-	-	-	2,099	419	-	-	-	-	2,396
Dar es Salaam	1,822	962	-	-	-	2,606	962	962	-	-	-	3,466
Lindi	-	-	-	-	-	1,734	-	-	-	-	-	1,734
Mtwara	-	469	-	-	-	3,352	-	233	-	-	-	3,588
Ruvuma	4,418	2,657	-	851	733	65,822	3,015	2,050	243	851	217	68,105
Iringa	993	6,358	-	-	333	33,426	1,119	7,036	-	-	333	32,622
Mbeya	4,558	1,688	-	416	771	71,652	2,549	1,658	-	416	840	73,622
Singida	170	-	-	-	-	5,035	-	-	-	-	-	5,205
Tabora	-	473	-	270	-	7,354	242	-	-	270	-	7,586
Rukwa	-	1,010	-	-	429	15,630	243	268	-	-	-	16,558
Kigoma	992	233	-	-	-	19,354	-	660	-	-	-	19,918
Shinyanga	-	-	-	-	123	1,762	143	191	-	-	-	1,551
Kagera	1,034	5,182	308	-	272	58,187	986	3,824	308	-	-	59,866
Mwanza	296	393	-	-	-	3,321	-	233	-	-	-	3,778
Mara	-	-	-	-	-	669	-	-	-	-	-	669
Manyara	-	654	207	-	468	39,602	-	1,298	-	-	207	39,426
Njombe	875	4,711	-	-	-	18,912	262	4,762	-	-	-	19,474
Katavi	134	300	-	-	83	2,489	134	300	-	-	83	2,489
Simiyu	-	-	-	-	-	1,107	-	-	-	-	-	1,107
Geita	508	226	-	-	-	1,418	508	226	-	-	-	1,418
Songwe	779	3,756	614	-	727	25,196	581	4,343	-	-	425	25,724
<b>Mainland Tanzania</b>	<b>22,307</b>	<b>37,625</b>	<b>1,227</b>	<b>1,721</b>	<b>6,702</b>	<b>467,258</b>	<b>14,576</b>	<b>32,791</b>	<b>649</b>	<b>2,027</b>	<b>4,885</b>	<b>481,915</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	57	-	-	-	-	-	57
Mjini Magharibi	-	-	-	-	-	88	-	-	-	-	-	88
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145</b>
<b>Tanzania</b>	<b>22,307</b>	<b>37,625</b>	<b>1,227</b>	<b>1,721</b>	<b>6,702</b>	<b>467,403</b>	<b>14,576</b>	<b>32,791</b>	<b>649</b>	<b>2,027</b>	<b>4,885</b>	<b>482,060</b>

**Cont... Table 4.76: Number of Agricultural Households Reported Main Source of Vaccine by Pig Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	FMD					
	Main Source of Vaccine					
	Private Vet Facilities	District Vet Office	NGO/Project	Tanzania Vet Laboratory Services Centres	Other	Not Applicable
Dodoma	-	1,279	-	-	203	34,482
Arusha	891	252	-	-	-	4,572
Kilimanjaro	595	549	98	-	2,695	27,647
Tanga	-	-	-	-	-	1,078
Morogoro	1,734	2,558	-	-	-	24,509
Pwani	516	-	-	-	-	2,299
Dar es Salaam	962	962	-	-	-	3,466
Lindi	-	192	-	-	-	1,542
Mtwara	-	233	-	-	-	3,588
Ruvuma	2,958	2,947	-	361	-	68,214
Iringa	1,001	7,824	-	-	333	31,952
Mbeya	3,755	2,853	-	416	602	71,459
Singida	-	-	-	-	202	5,003
Tabora	-	-	-	270	147	7,681
Rukwa	93	268	-	-	157	16,551
Kigoma	-	466	764	-	-	19,349
Shinyanga	-	-	-	-	-	1,884
Kagera	172	3,623	-	-	-	61,188
Mwanza	125	-	-	-	-	3,887
Mara	-	-	-	-	-	669
Manyara	-	861	-	-	-	40,070
Njombe	390	5,300	-	-	-	18,808
Katavi	230	205	-	-	83	2,489
Simiyu	-	-	-	-	-	1,107
Geita	508	226	-	-	-	1,418
Songwe	223	3,268	-	-	736	26,846
<b>Mainland Tanzania</b>	<b>14,153</b>	<b>33,866</b>	<b>862</b>	<b>1,047</b>	<b>5,158</b>	<b>481,758</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	57
Mjini Magharibi	-	-	-	-	-	88
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>145</b>
<b>Tanzania</b>	<b>14,153</b>	<b>33,866</b>	<b>862</b>	<b>1,047</b>	<b>5,158</b>	<b>481,903</b>

# **POULTRY PRODUCTION AND PRODUCTS**



**Table 4.77: Number and Percentage of Agricultural Households Reported Raising Poultry by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Households				
	Keeping Poultry	Percent	Not Keeping Poultry	Percent	Total
Dodoma	259,992	51.0	250,156	49.0	510,148
Arusha	100,580	45.5	120,436	54.5	221,016
Kilimanjaro	157,312	53.5	136,999	46.5	294,311
Tanga	217,831	62.0	133,581	38.0	351,412
Morogoro	209,802	50.8	203,414	49.2	413,216
Pwani	108,178	49.6	109,743	50.4	217,921
Dar es Salaam	174,946	42.2	239,354	57.8	414,300
Lindi	135,409	59.0	94,255	41.0	229,664
Mtwara	174,324	57.1	130,710	42.9	305,034
Ruvuma	221,988	66.9	110,032	33.1	332,020
Iringa	159,889	76.3	49,597	23.7	209,485
Mbeya	259,397	68.1	121,241	31.9	380,639
Singida	191,086	70.1	81,575	29.9	272,662
Tabora	255,758	69.1	114,213	30.9	369,971
Rukwa	132,522	60.7	85,727	39.3	218,249
Kigoma	168,091	48.2	180,287	51.8	348,378
Shinyanga	159,293	77.7	45,634	22.3	204,926
Kagera	229,694	47.6	253,325	52.4	483,019
Mwanza	260,048	64.0	145,986	36.0	406,034
Mara	147,012	62.8	86,919	37.2	233,931
Manyara	127,311	46.8	144,913	53.2	272,224
Njombe	93,113	58.2	66,995	41.8	160,108
Katavi	38,821	50.5	38,046	49.5	76,867
Simiyu	121,848	67.4	58,841	32.6	180,689
Geita	184,062	68.4	85,079	31.6	269,141
Songwe	162,405	57.6	119,415	42.4	281,820
<b>Mainland Tanzania</b>	<b>4,450,712</b>	<b>58.1</b>	<b>3,206,473</b>	<b>41.9</b>	<b>7,657,185</b>
Kaskazini Unguja	21,034	66.6	10,559	33.4	31,594
Kusini Unguja	11,230	63.8	6,363	36.2	17,593
Mjini Magharibi	23,139	64.5	12,734	35.5	35,873
Kaskazini Pemba	10,850	26.6	29,931	73.4	40,781
Kusini Pemba	37,129	68.3	17,250	31.7	54,379
<b>Tanzania Zanzibar</b>	<b>103,382</b>	<b>57.4</b>	<b>76,837</b>	<b>42.6</b>	<b>180,220</b>
<b>Tanzania</b>	<b>4,554,094</b>	<b>58.1</b>	<b>3,283,310</b>	<b>41.9</b>	<b>7,837,405</b>

**Table 4.78: Number and Percentage of Chicken by Type and Region as of 1st August 2020, Tanzania**

Region	Chicken										
	Indigenous Chicken			Layer			Broiler			Total	
	Number of Households	Number of Chicken	Percent	Number of Households	Number of Chicken	Percent	Number of Households	Number of Chicken	Percent	Number of Households	Number of Chicken
Dodoma	236,126	2,297,279	54.2	31,688	1,900,167	44.8	3,671	40,841	1.0	271,485	4,238,286
Arusha	96,210	1,199,529	86.7	6,309	89,543	6.5	2,824	94,756	6.8	105,344	1,383,828
Kilimanjaro	147,927	1,795,219	67.7	9,066	229,790	8.7	8,711	625,160	23.6	165,704	2,650,169
Tanga	159,426	1,202,380	40.8	18,209	856,508	29.0	37,769	890,488	30.2	215,404	2,949,376
Morogoro	141,808	1,131,095	31.3	22,698	1,361,148	37.6	39,326	1,126,454	31.1	203,832	3,618,697
Pwani	87,737	1,167,757	47.9	17,392	1,132,764	46.4	637	139,591	5.7	105,766	2,440,113
Dar es Salaam	99,232	843,031	9.5	54,032	4,141,502	46.6	30,010	3,904,209	43.9	183,274	8,888,742
Lindi	127,224	1,681,626	94.3	1,808	43,623	2.4	640	57,088	3.2	129,672	1,782,337
Mtwara	129,847	1,112,383	48.8	21,049	518,271	22.7	26,990	649,030	28.5	177,887	2,279,684
Ruvuma	201,401	2,273,751	68.6	16,428	663,562	20.0	24,089	376,581	11.4	241,919	3,313,894
Iringa	143,600	1,898,039	85.0	1,917	68,824	3.1	4,370	266,932	11.9	149,887	2,233,796
Mbeya	185,060	1,457,515	39.1	29,214	1,256,090	33.7	37,591	1,009,734	27.1	251,866	3,723,339
Singida	184,725	2,444,558	91.7	7,537	173,832	6.5	1,903	46,738	1.8	194,165	2,665,128
Tabora	211,085	2,887,416	58.3	47,583	2,045,543	41.3	2,498	19,172	0.4	261,166	4,952,131
Rukwa	116,737	1,571,898	92.3	3,294	88,982	5.2	1,205	41,230	2.4	121,237	1,702,111
Kigoma	157,718	1,689,863	98.1	2,123	30,619	1.8	456	2,282	0.1	160,297	1,722,764
Shinyanga	146,147	1,982,693	82.1	1,914	86,886	3.6	5,016	344,164	14.3	153,077	2,413,743
Kagera	213,488	1,663,833	82.8	17,705	90,163	4.5	5,756	254,890	12.7	236,949	2,008,886
Mwanza	195,989	1,586,627	46.7	38,274	782,926	23.0	54,561	1,028,394	30.3	288,824	3,397,947
Mara	139,081	1,789,006	84.7	3,816	77,303	3.7	4,937	246,217	11.7	147,834	2,112,526
Manyara	124,144	1,436,378	84.7	16,031	182,914	10.8	3,185	77,119	4.5	143,359	1,696,410
Njombe	91,331	1,244,956	76.3	3,500	330,148	20.2	814	57,040	3.5	95,646	1,632,143
Katavi	36,586	664,250	89.5	1,222	69,392	9.4	561	8,341	1.1	38,370	741,983
Simiyu	111,277	1,617,732	69.9	21,669	98,684	4.3	20,656	599,531	25.9	153,601	2,315,947
Geita	166,304	1,906,365	82.0	2,171	16,875	0.7	5,812	400,535	17.2	174,287	2,323,775
Songwe	147,327	1,666,942	74.9	10,260	96,585	4.3	6,603	463,015	20.8	164,189	2,226,541
<b>Mainland Tanzania</b>	<b>3,797,537</b>	<b>42,212,121</b>	<b>59.1</b>	<b>406,909</b>	<b>16,432,644</b>	<b>23.0</b>	<b>330,591</b>	<b>12,769,532</b>	<b>17.9</b>	<b>4,535,041</b>	<b>71,414,296</b>
Kaskazini Unguja	20,192	256,269	65.2	530	137,005	34.8	-	-	0.0	20,722	393,274
Kusini Unguja	10,593	182,213	9.7	470	1,696,341	90.3	42	336	0.0	11,105	1,878,890
Mjini Magharibi	22,466	410,875	64.6	1,085	147,610	23.2	310	77,429	12.2	23,860	635,914
Kaskazini Pemba	10,157	110,243	71.4	345	44,158	28.6	-	-	0.0	10,503	154,401
Kusini Pemba	36,435	548,940	85.4	496	91,880	14.3	221	2,206	0.3	37,152	643,026
<b>Tanzania Zanzibar</b>	<b>99,843</b>	<b>1,508,540</b>	<b>40.7</b>	<b>2,926</b>	<b>2,116,994</b>	<b>57.1</b>	<b>573</b>	<b>79,971</b>	<b>2.2</b>	<b>103,342</b>	<b>3,705,505</b>
<b>Tanzania</b>	<b>3,897,380</b>	<b>43,720,661</b>	<b>58.2</b>	<b>409,835</b>	<b>18,549,638</b>	<b>24.7</b>	<b>331,164</b>	<b>12,849,503</b>	<b>17.1</b>	<b>4,638,383</b>	<b>75,119,801</b>

**Table 4.79: Number and Percentage of Agricultural Households Rearing Chicken and Number of Chicken by Flock Size as of 1<sup>st</sup> August 2020, Tanzania**

Total Number of Chicken	Number of Households	Percent	Total Number of Chicken	Average Chicken per Household
1-49	4,132,024	95.2	50,947,564	12
50 - 99	158,258	3.6	9,621,927	61
100 - 299	33,322	0.8	4,804,460	144
300 - 499	8,141	0.2	2,603,995	320
500-699	5,306	0.1	2,948,163	556
700+	1,832	0.0	4,193,692	2,289
<b>Total</b>	<b>4,338,883</b>	<b>100.0</b>	<b>75,119,802</b>	<b>17</b>

**Table 4.80: Number and Percentage of Agricultural Households Keeping Chicken and Average Number of Chicken per Household by Type and Flock Size as of 1<sup>st</sup> August 2020, Tanzania**

Flock Size	Chicken															
	Indigenous Chicken				Layer				Broiler				Total			
	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household
1-49	3,870,215	41,798,248	99.3	11	293,992	4,984,355	71.7	17	277,395	5,479,385	83.8	20	4,441,602	52,261,988	95.8	12
50 - 99	24,505	1,466,004	0.6	60	89,416	5,348,351	21.8	60	34,813	2,081,821	10.5	60	148,734	8,896,176	3.2	60
100 - 299	2,309	334,905	0.1	145	20,852	2,914,989	5.1	140	9,987	1,563,305	3.0	157	33,148	4,813,199	0.7	145
300 - 499	353	121,501	0.0	344	1,815	611,996	0.4	337	7,062	2,277,095	2.1	322	9,230	3,010,592	0.2	326
500-699	-	-	-	-	2,982	1,562,491	0.7	524	858	428,847	0.3	500	3,840	1,991,338	0.1	519
700+	-	-	-	-	780	3,127,458	0.2	4,010	1,052	1,019,049	0.3	969	1,832	4,146,507	0.0	2,263
<b>Total</b>	<b>3,897,381</b>	<b>43,720,659</b>	<b>100.0</b>	<b>11</b>	<b>409,835</b>	<b>18,549,641</b>	<b>100.0</b>	<b>45</b>	<b>331,166</b>	<b>12,849,503</b>	<b>100.0</b>	<b>39</b>	<b>4,638,382</b>	<b>75,119,800</b>	<b>100.0</b>	<b>16</b>

**Table 4.81: Number and Percentage of Agricultural Households Keeping Chicken and Average Number of Chicken per Household by Type and Flock Size as of 1<sup>st</sup> August 2020, Mainland Tanzania**

Flock Size	Chicken															
	Indigenous Chicken				Layer				Broiler				Total			
	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household
1-49	3,775,486	40,700,730	99.4	11	293,159	4,972,317	72.0	17	277,132	5,476,843	83.8	20	4,345,777	51,149,890	95.8	12
50 - 99	20,051	1,196,069	0.5	60	88,949	5,310,198	21.9	60	34,813	2,081,821	10.5	60	143,812	8,588,088	3.2	60
100 - 299	1,861	273,027	0.0	147	19,936	2,785,764	4.9	140	9,677	1,485,876	2.9	154	31,474	4,544,667	0.7	144
300 - 499	141	42,294	0.0	300	1,455	492,364	0.4	338	7,062	2,277,095	2.1	322	8,658	2,811,754	0.2	325
500-699	-	-	-	-	2,784	1,459,000	0.7	524	858	428,847	0.3	500	3,642	1,887,846	0.1	518
700+	-	-	-	-	625	1,413,003	0.2	2,261	1,052	1,019,049	0.3	969	1,678	2,432,052	0.0	1,449
<b>Total</b>	<b>3,797,539</b>	<b>42,212,120</b>	<b>100.0</b>	<b>11</b>	<b>406,909</b>	<b>16,432,646</b>	<b>100.0</b>	<b>40</b>	<b>330,593</b>	<b>12,769,532</b>	<b>100.0</b>	<b>39</b>	<b>4,535,041</b>	<b>71,414,297</b>	<b>100.0</b>	<b>16</b>

**Table 4.82: Number and Percentage of Agricultural Households Keeping Chicken and Average Number of Chicken per Household by Type and Flock Size as of 1<sup>st</sup> August 2020, Tanzania Zanzibar**

Flock Size	Chicken															
	Indigenous Chicken				Layer				Broiler				Total			
	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household	Number of Households	Number of Chicken	Percent	Average Number of Chicken per Household
1-49	94,729	1,097,518	94.9	12	832	12,038	28.4	14	263	2,542	45.9	10	95,824	1,112,099	92.7	12
50 - 99	4,454	269,935	4.5	61	467	38,153	16.0	82	-	-	-	-	4,921	308,089	4.8	63
100 - 299	448	61,879	0.4	138	916	129,225	31.3	141	310	77,429	54.1	250	1,673	268,532	1.6	161
300 - 499	212	79,207	0.2	374	360	119,632	12.3	332	-	-	-	-	571	198,839	0.6	348
500-699	-	-	-	-	197	103,492	6.7	525	-	-	-	-	197	103,492	0.2	525
700+	-	-	-	-	154	1,714,455	5.3	11,133	-	-	-	-	154	1,714,455	0.1	11,133
<b>Total</b>	<b>99,843</b>	<b>1,508,539</b>	<b>100.0</b>	<b>15</b>	<b>2,926</b>	<b>2,116,995</b>	<b>100.0</b>	<b>724</b>	<b>573</b>	<b>79,971</b>	<b>100.0</b>	<b>140</b>	<b>103,340</b>	<b>3,705,506</b>	<b>100.0</b>	<b>36</b>

**Table 4.83: Number of Households Keeping Other Poultry by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Other Poultry					
	Ducks		Turkey		Guinea Fowls	
	Number of Households	Number of Ducks	Number of Households	Number of Turkey	Number of Households	Number Guinea fowls
Dodoma	18,048	110,600	1,302	2,256	20,935	130,720
Arusha	4,911	31,379	586	1,909	1,029	4,314
Kilimanjaro	13,357	88,680	2,282	7,778	2,128	5,581
Tanga	36,137	216,968	206	1,238	3,276	14,015
Morogoro	27,785	241,318	-	-	1,472	33,017
Pwani	14,660	128,687	1,018	3,968	1,818	8,162
Dar es Salaam	50,620	555,437	3,262	24,703	1,101	3,303
Lindi	8,297	54,477	542	2,712	1,755	16,237
Mtwara	6,163	41,922	770	9,224	2,883	10,611
Ruvuma	14,112	88,469	144	1,155	2,737	12,538
Iringa	15,890	175,836	611	2,203	2,287	13,502
Mbeya	30,388	208,759	1,022	3,408	2,529	9,253
Singida	17,874	83,576	432	2,857	12,714	65,687
Tabora	42,090	320,087	216	1,729	8,568	40,429
Rukwa	22,051	182,859	247	2,226	7,258	65,811
Kigoma	37,014	219,779	-	-	2,017	8,961
Shinyanga	19,420	140,290	297	582	4,111	19,782
Kagera	32,778	189,802	-	-	3,767	17,116
Mwanza	44,945	294,261	591	1,663	3,750	19,221
Mara	23,250	148,627	131	262	1,480	6,156
Manyara	7,016	56,672	329	3,470	1,576	19,506
Njombe	3,664	15,881	858	5,260	808	5,033
Katavi	10,444	85,513	121	966	2,157	15,413
Simiyu	25,713	157,007	174	1,391	4,827	19,165
Geita	43,083	253,921	-	-	8,099	33,845
Songwe	21,176	138,211	506	2,871	6,449	46,575
<b>Mainland Tanzania</b>	<b>590,886</b>	<b>4,229,018</b>	<b>15,647</b>	<b>83,831</b>	<b>111,531</b>	<b>643,953</b>
Kaskazini Unguja	2,631	28,368	-	-	147	1,361
Kusini Unguja	959	12,263	55	109	183	2,117
Mjini Magharibi	2,632	43,304	350	1,050	829	6,281
Kaskazini Pemba	903	5,939	-	-	-	-
Kusini Pemba	5,603	36,858	156	1,869	2,293	8,465
<b>Tanzania Zanzibar</b>	<b>12,728</b>	<b>126,732</b>	<b>561</b>	<b>3,028</b>	<b>3,452</b>	<b>18,224</b>
<b>Tanzania</b>	<b>603,614</b>	<b>4,355,750</b>	<b>16,208</b>	<b>86,859</b>	<b>114,983</b>	<b>662,177</b>

**Table 4.84: Number of Poultry Sold, Consumed and Average Price per Bird by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Indigenous Chicken			Layer			Broiler		
	Number Consumed	Number Sold	Average Price (TZS)	Number Consumed	Number Sold	Average Price (TZS)	Number Consumed	Number Sold	Average Price (TZS)
Dodoma	600,461	1,025,624	8,245	132,529	991,909	9,296	2,926	2,884	5,370
Arusha	148,508	192,375	11,106	25,768	39,630	12,546	6,747	411,577	7,383
Kilimanjaro	552,133	476,997	11,313	57,299	47,656	11,673	175,423	665,255	5,207
Tanga	1,852,255	1,767,975	10,048	80,076	4,406	10,370	7,579	2,819	7,371
Morogoro	2,615,755	2,734,179	10,259	916,210	172,004	10,907	77,188	1,605,119	7,645
Pwani	2,108,880	6,636,869	12,545	14,604	124,886	12,900	82,925	2,675,762	6,472
Dar es Salaam	168,660	156,229	16,645	9,289	25,389	12,505	6,775	271,457	5,676
Lindi	2,306,009	3,157,747	11,002	149,801			19,274	28,594	8,861
Mtwara	1,858,833	1,575,954	11,720	145,954	36,320	11,182	22,158	607,136	9,548
Ruvuma	1,374,061	1,205,512	9,437	211,093	27,560	10,587	160,986	206,753	8,299
Iringa	1,082,107	1,335,604	10,879	26,400	28,175	7,324	30,483	166,415	8,916
Mbeya	1,139,426	730,961	10,974	362,969	47,781	11,424	22,004	595,615	8,543
Singida	756,806	926,505	9,003	68,457	36,546	8,066	18,079	191,068	8,456
Tabora	1,369,416	1,425,307	9,088	65,291	5,764	8,234	30,326	5,884	5,510
Rukwa	902,131	951,137	7,236	129,269	5,355	6,901	2,749	44,636	6,875
Kigoma	1,871,146	2,047,481	10,257	39,113		6,000	14,396		
Shinyanga	1,225,374	812,231	9,628	47,451		5,542	777		
Kagera	1,335,643	921,268	9,589	83,942	17,387	10,108	6,001		
Mwanza	2,242,612	1,168,096	11,412	168,270	83,735	10,017	183,946	398,454	8,179
Mara	867,141	316,297	11,774	70,700			9,194	902	7,000
Manyara	259,735	190,670	10,596	230,452	3,005	10,000	3,182	22,940	9,005
Njombe	593,613	457,753	11,763	267,510	159,196	10,356	37,726	159,383	9,646
Katavi	421,978	231,164	9,694	2,938			10,156		
Simiyu	1,258,492	661,958	10,455	179,290	9,868	8,755	125,904	67,657	8,882
Geita	1,832,542	940,687	11,228	39,882	24,492	12,455	3,930		
Songwe	622,247	474,799	9,068	42,374	4,144	9,075	5,224	136,316	6,500
<b>Mainland Tanzania</b>	<b>31,365,964</b>	<b>32,521,379</b>	<b>10,575</b>	<b>3,566,931</b>	<b>1,895,208</b>	<b>9,836</b>	<b>1,066,058</b>	<b>8,266,626</b>	<b>7,588</b>
Kaskazini Unguja	104,763	88,485	14,945	5,837	96,263	10,000		79,174	6,500
Kusini Unguja	92,809	104,691	15,186	6,039	11,024	10,000			
Mjini Magharibi	178,954	149,811	14,309	14,495	76,631	10,000	7,029	3,326,880	8,168
Kaskazini Pemba	62,766	17,256	12,672	4,944	27,197	13,000			
Kusini Pemba	174,921	70,623	13,534	3,217	24,934	10,918	662		
<b>Tanzania Zanzibar</b>	<b>614,213</b>	<b>430,866</b>	<b>14,129</b>	<b>34,532</b>	<b>236,049</b>	<b>10,784</b>	<b>3,846</b>	<b>3,406,054</b>	<b>7,334</b>
<b>Tanzania</b>	<b>31,980,178</b>	<b>32,952,247</b>	<b>11,149</b>	<b>3,601,462</b>	<b>2,131,257</b>	<b>10,005</b>	<b>1,073,749</b>	<b>11,672,679</b>	<b>7,566</b>

**Cont.... Table 4.84: Number of Poultry Sold, Consumed and Average Price per Bird by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Ducks			Turkey			Guinea Fowls		
	Number Consumed	Number Sold	Average Price (TZS)	Number Consumed	Number Sold	Average Price (TZS)	Number Consumed	Number Sold	Average Price (TZS)
Dodoma	24,588	17,264	13,552				12,741	20,932	8,137
Arusha	3,832	1,850	15,697	675	201	15,000	301	110	30,000
Kilimanjaro	22,974	16,146	15,406	176	842	28,069	1,062	3,712	10,000
Tanga	120,721	97,561	16,482		722	17,000	3,814	23,919	15,000
Morogoro	208,659	262,302	14,161				5,458	70,234	8,129
Pwani	118,642	88,773	18,024	1,708			6,051	7,237	18,620
Dar es Salaam	30,232	27,169	22,502		443	18,000			
Lindi	74,703	20,020	18,040				36,640	22,781	16,475
Mtwara	35,979	22,228	16,092	9,214	2,072	20,000	18,299	1,953	15,000
Ruvuma	33,103	15,668	11,691	469	1,408	18,000	6,709	5,335	20,000
Iringa	79,955	49,589	17,029	536	398	20,000	5,393	4,059	15,687
Mbeya	78,615	29,881	13,245	7,479	14,678		2,274	6,861	27,951
Singida	33,977	10,404	11,477		539	20,000	32,138	32,289	11,390
Tabora	89,637	83,982	11,942				4,456		
Rukwa	57,500	50,890	10,683				20,895	13,134	8,069
Kigoma	248,103	193,753	11,097	10,517			1,671	1,047	15,000
Shinyanga	51,765	47,785	12,940	151			27,103	809	12,000
Kagera	79,100	61,290	10,728				-	9,646	18,040
Mwanza	190,987	119,286	12,842	732			1,640	6,843	18,000
Mara	70,324	20,237	11,578				6,634		
Manyara	11,073	3,975	14,493	1,924			-	1,012	2,000
Njombe	8,474	4,305	14,720	2,287			4,886	20,156	14,287
Katavi	41,963	9,203	13,961				2,590		
Simiyu	84,765	26,089	11,837	3,969	1,884		4,732	3,548	8,061
Geita	224,954	167,111	10,677				28,089		
Songwe	44,164	51,679	11,131		300	15,000	12,201	5,544	10,276
<b>Mainland Tanzania</b>	<b>2,068,789</b>	<b>1,498,440</b>	<b>13,924</b>	<b>39,837</b>	<b>23,487</b>	<b>19,008</b>	<b>245,777</b>	<b>261,161</b>	<b>14,387</b>
Kaskazini Unguja	9,226	10,805	22,519				479	1,392	25,000
Kusini Unguja	2,175	5,522	18,775				644	257	18,817
Mjini Magharibi	39,936	20,074	21,750		81	17,000	1,509	1,339	10,000
Kaskazini Pemba	7,578	2,819	13,614						
Kusini Pemba	16,448	1,877	21,007	623			3,439	735	17,185
<b>Tanzania Zanzibar</b>	<b>75,363</b>	<b>41,097</b>	<b>19,533</b>	<b>623</b>	<b>81</b>	<b>17,000</b>	<b>6,071</b>	<b>3,723</b>	<b>17,750</b>
<b>Tanzania</b>	<b>2,144,151</b>	<b>1,539,537</b>	<b>14,529</b>	<b>40,461</b>	<b>23,569</b>	<b>18,807</b>	<b>251,848</b>	<b>264,883</b>	<b>14,925</b>



**Table 4.85: Number of Agricultural Households Reported Occurrence of Poultry Diseases by Type of Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Poultry Disease											
	Newcastle Disease		Gumboro		Coccidiosis		Coryza		Fowl pox		Fowl Typhoid	
	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Dodoma	126,474	133,518	1,355	258,637	6,607	253,385	17,746	242,246	17,673	242,319	16,073	243,919
Arusha	37,072	63,508	1,450	99,130	4,420	96,160	7,941	92,639	3,302	97,278	1,177	99,403
Kilimanjaro	58,810	98,502	2,597	154,715	5,670	151,642	14,945	142,367	22,295	135,017	1,347	155,965
Tanga	114,971	102,860	8,046	209,785	5,041	212,789	12,251	205,580	29,634	188,197	572	217,259
Morogoro	104,621	105,181	7,119	202,683	5,226	204,576	9,475	200,326	6,287	203,515	3,903	205,899
Pwani	56,442	51,737	7,671	100,507	2,982	105,196	10,868	97,311	21,383	86,796	1,557	106,622
Dar es Salaam	78,858	96,088	3,392	171,554	4,419	170,528	11,562	163,384	15,357	159,589	1,308	173,639
Lindi	55,460	79,949	876	134,533	2,085	133,324	6,422	128,987	549	134,860	1,899	133,511
Mtwara	86,895	87,429	1,682	172,641	3,539	170,785	6,944	167,379	5,453	168,871	10,084	164,240
Ruvuma	103,645	118,343	3,639	218,349	2,989	218,999	10,122	211,866	6,626	215,362	4,099	217,889
Iringa	56,982	102,907	3,758	156,130	3,676	156,213	13,819	146,069	11,600	148,288	2,537	157,352
Mbeya	140,793	118,605	5,499	253,899	10,997	248,400	28,044	231,354	28,382	231,016	4,734	254,663
Singida	61,029	130,058	3,802	187,284	2,037	189,049	13,141	177,945	23,548	167,538	1,947	189,140
Tabora	68,137	187,621	1,810	253,948	9,367	246,391	27,437	228,321	78,812	176,946	4,278	251,480
Rukwa	87,846	44,676	1,652	130,870	4,870	127,652	23,545	108,976	7,992	124,529	3,221	129,300
Kigoma	68,438	99,653	3,601	164,490	21,360	146,730	23,294	144,796	8,452	159,639	4,386	163,705
Shinyanga	56,377	102,915	8,351	150,941	3,271	156,022	11,971	147,322	48,182	111,111	3,201	156,092
Kagera	58,690	171,004	2,286	227,408	6,018	223,675	35,775	193,919	13,958	215,736	6,759	222,935
Mwanza	95,727	164,321	8,670	251,378	6,551	253,497	32,300	227,748	43,459	216,589	3,543	256,505
Mara	58,767	88,245	2,941	144,071	13,593	133,419	26,040	120,972	24,694	122,318	1,324	145,688
Manyara	26,554	100,757	1,962	125,349	5,618	121,693	7,076	120,235	1,508	125,803	685	126,626
Njombe	14,512	78,602	-	93,113	808	92,305	1,296	91,818	-	93,113	124	92,989
Katavi	13,172	25,649	452	38,369	1,040	37,781	3,556	35,265	3,048	35,773	200	38,621
Simiyu	47,811	74,037	1,996	119,852	4,229	117,619	8,601	113,247	56,122	65,726	1,001	120,847
Geita	81,491	102,571	10,596	173,466	4,431	179,632	30,463	153,599	55,211	128,851	1,005	183,058
Songwe	98,737	63,668	5,213	157,193	10,962	151,444	16,899	145,506	17,981	144,425	5,794	156,612
<b>Mainland Tanzania</b>	<b>1,858,311</b>	<b>2,592,404</b>	<b>100,416</b>	<b>4,350,295</b>	<b>151,806</b>	<b>4,298,906</b>	<b>411,533</b>	<b>4,039,177</b>	<b>551,508</b>	<b>3,899,205</b>	<b>86,758</b>	<b>4,363,959</b>
Kaskazini Unguja	13,755	7,279	106	20,928	-	21,034	1,210	19,825	2,125	18,910	52	20,982
Kusini Unguja	6,040	5,190	217	11,012	293	10,937	2,048	9,182	1,665	9,565	234	10,995
Mjini Magharibi	15,406	7,733	296	22,843	36	23,102	2,828	20,311	2,328	20,811	45	23,094
Kaskazini Pemba	8,107	2,743	-	10,850	-	10,850	1,372	9,478	593	10,257	109	10,741
Kusini Pemba	17,004	20,125	775	36,354	101	37,027	10,630	26,499	1,789	35,339	1,999	35,129
<b>Tanzania Zanzibar</b>	<b>60,312</b>	<b>43,070</b>	<b>1,394</b>	<b>101,987</b>	<b>430</b>	<b>102,950</b>	<b>18,088</b>	<b>85,295</b>	<b>8,500</b>	<b>94,882</b>	<b>2,439</b>	<b>100,941</b>
<b>Tanzania</b>	<b>1,918,622</b>	<b>2,635,472</b>	<b>101,811</b>	<b>4,452,283</b>	<b>152,236</b>	<b>4,401,857</b>	<b>429,622</b>	<b>4,124,472</b>	<b>560,008</b>	<b>3,994,086</b>	<b>89,195</b>	<b>4,464,898</b>

**Table 4.86: Number of Birds Affected by Poultry Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Newcastle Disease					Gumboro				
	Number Vaccinated	Number Infected	Number Treated	Number Died	Number Recovered	Number Vaccinated	Number Infected	Number Treated	Number Died	Number Recovered
Dodoma	1,039,024	1,664,286	893,119	1,187,823	514,606	42,559	30,077	15,466	14,083	3,042
Arusha	350,288	225,239	185,440	109,595	122,828	128,210	10,824	10,824	1,206	9,485
Kilimanjaro	1,028,467	702,207	687,409	335,803	484,894	284,565	49,193	52,666	44,198	7,557
Tanga	2,085,714	2,521,650	1,522,348	1,267,369	2,806,532	254,958	113,165	45,800	56,655	58,610
Morogoro	5,626,533	4,810,978	2,339,151	2,501,361	2,710,211	2,099,197	195,851	175,725	130,450	692,621
Pwani	3,682,203	2,652,216	2,079,256	1,758,184	1,948,294	601,395	291,177	592,236	250,122	503,532
Dar es Salaam	693,303	235,526	238,217	118,091	178,628	374,057	4,867	6,541	1,797	5,758
Lindi	2,432,623	4,132,833	2,341,014	1,727,685	3,412,933	361,677	23,732	-	18,138	87,679
Mtwara	2,162,775	2,553,543	1,254,365	1,354,838	1,820,765	109,174	33,904	21,798	25,775	19,060
Ruvuma	2,555,040	2,230,837	1,340,144	1,112,121	1,462,173	193,456	43,899	23,812	26,017	25,663
Iringa	2,673,922	1,280,677	1,148,755	744,562	2,502,884	743,235	130,575	107,402	57,659	72,916
Mbeya	2,652,852	2,538,134	1,804,980	1,191,508	1,871,298	1,004,653	90,204	82,987	46,993	66,693
Singida	1,028,718	1,142,719	947,091	764,660	545,220	94,436	45,461	36,485	21,281	35,237
Tabora	1,801,635	1,082,959	761,598	586,846	555,314	368,155	30,664	19,328	24,205	6,459
Rukwa	1,331,526	1,664,368	949,121	1,274,009	551,476	13,269	18,745	16,961	11,371	8,088
Kigoma	2,150,685	2,358,648	1,358,556	1,170,946	1,245,668	265,132	70,194	54,978	37,215	88,540
Shinyanga	830,741	1,207,473	920,925	735,361	503,553	246,886	245,410	224,850	114,446	126,863
Kagera	834,909	1,465,984	710,481	891,509	655,911	361,148	43,092	24,548	12,577	30,020
Mwanza	1,900,880	3,769,003	1,617,268	1,294,931	1,292,445	252,990	312,018	274,179	114,296	144,363
Mara	640,188	1,002,903	633,763	490,416	517,352	82,068	41,126	45,586	13,848	27,013
Manyara	310,756	379,326	274,649	236,805	171,092	6,641	15,602	8,314	10,217	8,314
Njombe	1,713,508	509,352	516,750	207,268	335,021	469,769	-	-	-	-
Katavi	651,107	516,244	447,574	258,800	313,059	285,231	34,869	38,442	15,347	40,846
Simiyu	444,929	2,547,924	659,144	810,629	340,802	40,337	38,726	8,670	35,997	2,730
Geita	2,153,556	2,303,264	1,603,921	1,343,154	1,149,206	691,385	294,730	250,103	133,038	181,352
Songwe	1,019,403	1,574,840	763,190	940,512	772,060	27,526	69,723	16,391	62,286	5,914
<b>Mainland Tanzania</b>	<b>43,795,285</b>	<b>47,073,133</b>	<b>27,998,229</b>	<b>24,414,786</b>	<b>28,784,225</b>	<b>9,402,109</b>	<b>2,277,828</b>	<b>2,154,092</b>	<b>1,279,217</b>	<b>2,258,355</b>
Kaskazini Unguja	108,990	235,229	77,184	155,974	69,697	64,383	2,218	2,010	1,489	1,772
Kusini Unguja	88,801	145,650	40,642	75,372	56,345	49,285	4,437	3,140	2,224	1,064
Mjini Magharibi	492,775	342,670	186,952	165,550	205,994	388,037	1,480	1,480	-	1,480
Kaskazini Pemba	59,712	156,050	34,326	90,124	56,058	-	-	-	-	-
Kusini Pemba	45,931	242,609	48,001	136,378	94,605	116	4,061	1,594	2,959	1,101
<b>Tanzania Zanzibar</b>	<b>796,209</b>	<b>1,122,208</b>	<b>387,105</b>	<b>623,398</b>	<b>482,699</b>	<b>501,821</b>	<b>12,196</b>	<b>8,224</b>	<b>6,672</b>	<b>5,417</b>
<b>Tanzania</b>	<b>44,591,494</b>	<b>48,195,342</b>	<b>28,385,333</b>	<b>25,038,185</b>	<b>29,266,926</b>	<b>9,903,929</b>	<b>2,290,022</b>	<b>2,162,316</b>	<b>1,285,889</b>	<b>2,263,771</b>

**Cont ... Table 4.86: Number of Birds Affected by Poultry Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Coccidiosis				Coryza			
	Number Infected	Number Treated	Number Died	Number Recovered	Number Infected	Number Treated	Number Died	Number Recovered
Dodoma	63,038	17,495	42,931	19,660	223,654	170,202	91,420	121,134
Arusha	27,509	26,885	5,069	22,248	113,608	109,998	22,026	85,106
Kilimanjaro	60,613	58,915	9,983	51,800	189,573	210,147	25,442	159,520
Tanga	75,626	60,459	18,056	63,971	197,195	116,832	59,659	122,896
Morogoro	1,002,911	1,034,431	148,980	955,545	1,537,626	1,385,312	226,323	1,387,318
Pwani	134,030	316,240	85,209	253,013	641,693	2,940,318	264,198	2,779,816
Dar es Salaam	8,456	12,475	4,709	14,899	117,906	117,574	46,489	63,033
Lindi	37,487	-	19,082	3,356	220,565	320,323	42,986	302,119
Mtwara	58,799	44,216	11,901	57,291	194,086	98,727	42,621	210,167
Ruvuma	44,365	29,091	14,681	30,740	138,674	112,923	64,776	80,957
Iringa	110,455	98,779	42,484	76,774	248,016	219,926	62,981	194,862
Mbeya	185,393	173,002	70,962	142,500	444,232	360,351	163,828	315,196
Singida	64,536	60,468	20,247	33,882	208,296	181,110	117,849	165,903
Tabora	140,314	98,754	57,275	61,681	449,028	321,614	196,744	261,284
Rukwa	52,721	32,720	39,923	39,236	320,880	222,593	213,949	111,137
Kigoma	514,096	447,601	180,827	336,739	684,021	428,045	242,375	455,407
Shinyanga	47,839	26,213	27,014	20,825	193,402	179,900	96,377	80,340
Kagera	106,811	81,666	85,467	8,314	893,644	552,152	342,414	533,531
Mwanza	115,221	99,172	46,386	67,395	502,163	395,832	194,962	270,122
Mara	150,046	106,309	84,946	65,110	259,542	214,302	114,452	133,292
Manyara	48,734	33,328	19,933	26,518	77,432	68,265	42,335	31,482
Njombe	11,494	11,494	9,769	1,724	44,344	49,363	46,809	48,914
Katavi	34,290	59,179	29,662	29,517	146,538	139,598	78,154	92,417
Simiyu	36,663	24,397	18,344	15,741	114,469	76,591	67,989	52,854
Geita	79,388	87,809	32,382	65,590	699,494	575,890	192,687	541,566
Songwe	163,936	102,331	88,503	75,573	181,720	102,727	73,894	100,705
<b>Mainland Tanzania</b>	<b>3,374,771</b>	<b>3,143,429</b>	<b>1,214,725</b>	<b>2,539,642</b>	<b>9,041,801</b>	<b>9,670,615</b>	<b>3,133,739</b>	<b>8,701,078</b>
Kaskazini Unguja	-	-	-	-	80,614	89,585	4,228	96,301
Kusini Unguja	3,104	15,212	370	4,953	51,282	53,836	7,735	50,440
Mjini Magharibi	1,093	-	1,093	-	51,801	27,004	31,508	20,293
Kaskazini Pemba	-	-	-	-	14,873	4,773	7,267	4,994
Kusini Pemba	1,014	-	1,014	-	148,164	17,816	89,539	57,986
<b>Tanzania Zanzibar</b>	<b>5,211</b>	<b>15,212</b>	<b>2,477</b>	<b>4,953</b>	<b>346,734</b>	<b>193,014</b>	<b>140,277</b>	<b>230,014</b>
<b>Tanzania</b>	<b>3,379,981</b>	<b>3,158,640</b>	<b>1,217,201</b>	<b>2,544,595</b>	<b>9,388,537</b>	<b>9,863,630</b>	<b>3,274,017</b>	<b>8,931,091</b>

**Cont... Table 4.86: Number of Birds Affected by Poultry Diseases by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Fowl Pox					Fowl Typhoid			
	Number Vaccinated	Number Infected	Number Treated	Number Died	Number Recovered	Number Infected	Number Treated	Number Died	Number Recovered
Dodoma	179,606	161,602	125,612	83,390	93,359	135,096	43,975	89,000	38,771
Arusha	114,253	28,450	26,534	11,918	15,880	7,836	7,699	889	5,577
Kilimanjaro	489,434	211,358	207,133	102,400	131,100	46,312	46,312	1,947	44,365
Tanga	428,124	667,977	399,632	301,902	408,601	22,419	26,173	10,172	12,247
Morogoro	1,274,652	275,436	207,147	156,187	150,647	525,574	492,954	45,730	454,387
Pwani	1,211,214	731,875	768,114	386,579	528,151	186,300	152,621	27,085	123,440
Dar es Salaam	245,802	29,833	29,787	13,254	25,513	817	-	817	-
Lindi	367,596	36,820	85,560	15,655	72,109	170,889	143,129	65,093	127,699
Mtwara	235,405	193,899	109,790	88,318	123,456	216,817	112,701	110,345	106,786
Ruvuma	196,203	123,497	71,987	59,262	73,642	52,653	65,428	23,855	27,938
Iringa	674,655	218,798	189,018	54,055	184,207	17,160	8,210	5,991	10,020
Mbeya	1,201,426	377,571	243,946	207,317	226,596	82,548	59,962	41,929	54,965
Singida	440,744	371,716	300,976	155,915	162,017	36,084	36,084	14,863	20,224
Tabora	1,001,382	1,077,215	836,883	440,239	695,432	28,703	18,162	18,448	8,863
Rukwa	96,588	100,196	65,764	53,454	45,576	55,576	38,575	8,462	47,445
Kigoma	463,570	289,981	277,612	70,423	207,685	190,757	165,006	51,431	132,096
Shinyanga	552,218	913,598	774,691	381,138	607,788	51,074	26,958	40,501	13,477
Kagera	254,932	269,046	70,575	99,054	121,696	137,156	72,881	60,031	69,279
Mwanza	851,558	952,705	713,071	442,793	523,016	57,945	57,945	39,412	32,379
Mara	83,714	347,052	139,325	216,963	129,738	17,397	15,166	3,675	7,062
Manyara	7,631	7,303	6,109	1,009	6,294	5,078	3,579	1,432	3,646
Njombe	469,879	-	-	-	-	1,259	1,259	-	1,259
Katavi	339,744	104,304	86,510	28,125	85,013	4,681	4,681	727	3,954
Simiyu	402,745	4,725,975	4,449,715	440,877	438,087	18,069	5,440	11,871	5,440
Geita	1,397,583	1,280,397	1,091,540	487,111	817,384	15,570	8,747	10,322	5,248
Songwe	157,561	327,342	53,154	203,421	121,244	20,550	16,635	3,733	16,817
<b>Mainland Tanzania</b>	<b>13,138,219</b>	<b>13,823,946</b>	<b>11,330,185</b>	<b>4,500,759</b>	<b>5,994,231</b>	<b>2,104,320</b>	<b>1,630,282</b>	<b>687,761</b>	<b>1,373,384</b>
Kaskazini Unguja	3,746	22,530	8,868	6,618	16,189	353	-	353	-
Kusini Unguja	21,707	19,082	8,430	9,929	8,003	2,771	2,056	2,000	657
Mjini Magharibi	393,567	14,013	5,829	5,860	8,746	-	-	-	-
Kaskazini Pemba	-	5,009	1,575	4,044	965	5,879	5,879	2,940	2,940
Kusini Pemba	3,527	12,591	-	8,265	2,708	22,706	3,738	12,494	9,613
<b>Tanzania Zanzibar</b>	<b>422,547</b>	<b>73,225</b>	<b>24,702</b>	<b>34,716</b>	<b>36,611</b>	<b>31,709</b>	<b>11,673</b>	<b>17,787</b>	<b>13,210</b>
<b>Tanzania</b>	<b>13,560,765</b>	<b>13,897,170</b>	<b>11,354,888</b>	<b>4,535,475</b>	<b>6,030,842</b>	<b>2,136,031</b>	<b>1,641,956</b>	<b>705,547</b>	<b>1,386,596</b>

## **OTHER LIVESTOCK PRODUCTS**

**Table 4.87: Number of Other Livestock by Type and Region as of 1<sup>st</sup> August 2020, Tanzania**

Region	Other Livestock					
	Rabbits	Donkeys	Horses	Dogs	Guinea Pigs	Other
Dodoma	14,581	70,723	-	82,464	-	26,727
Arusha	11,314	56,284	183	67,842	15,695	14,975
Kilimanjaro	36,024	15,835	-	35,937	7,064	32,541
Tanga	66,486	5,625	-	57,758	3,761	44,317
Morogoro	48,063	3,055	-	86,320	29,156	53,167
Pwani	22,120	2,708	-	50,635	1,579	7,071
Dar es Salaam	7,071	581	-	1,228	-	101
Lindi	-	-	-	17,857	-	52,021
Mtwara	4,106	-	-	2,786	1,739	74,796
Ruvuma	34,955	1,683	-	61,165	47,261	134,615
Iringa	111,745	26,627	-	150,249	580,141	321,388
Mbeya	50,841	6,152	-	72,977	16,867	122,722
Singida	11,854	28,642	-	142,939	-	221,155
Tabora	833	27,727	-	243,768	2,107	110,836
Rukwa	60,268	27,320	-	75,441	57,259	102,138
Kigoma	131,755	1,542	-	98,029	10,112	213,732
Shinyanga	4,932	12,616	-	184,779	-	104,069
Kagera	154,012	-	-	132,995	-	87,547
Mwanza	37,051	4,820	-	287,270	-	248,875
Mara	1,439	26,476	-	204,440	-	489,840
Manyara	1,630	44,292	-	72,722	1,136	7,973
Njombe	74,186	4,950	-	44,373	408,130	27,749
Katavi	9,327	5,641	-	75,865	1,905	60,697
Simiyu	217	6,553	-	141,021	283,733	79,865
Geita	27,328	15,848	-	302,879	-	388,744
Songwe	10,860	13,257	-	83,179	27,212	57,609
<b>Mainland Tanzania</b>	<b>932,998</b>	<b>408,957</b>	<b>183</b>	<b>2,776,918</b>	<b>1,494,857</b>	<b>3,085,270</b>
Kaskazini Unguja	-	66	-	1,924	-	4,131
Kusini Unguja	3,099	-	-	2,891	1,550	-
Mjini Magharibi	3,571	-	-	5,303	2,368	19,381
Kaskazini Pemba	286	459	-	-	-	286
Kusini Pemba	3,827	-	-	1,962	-	15,229
<b>Tanzania Zanzibar</b>	<b>10,783</b>	<b>525</b>	<b>-</b>	<b>12,080</b>	<b>3,918</b>	<b>39,027</b>
<b>Tanzania</b>	<b>943,783</b>	<b>409,482</b>	<b>183</b>	<b>2,789,000</b>	<b>1,498,779</b>	<b>3,124,297</b>

**Table 4.88: Livestock Products by Type of Products, Sales and Consumption During 2019/20 Agricultural Year, Tanzania**

Livestock Product	Production	Number Sold	Average Price (TZS)	Number Consumed
Eggs (Indigenous Chicken)	722,067,578	290,515,381	317	101,110,728
Eggs (Improved Chicken)	3,558,549,362	2,443,893,758	395	18,626,776
Hides	238,049	23,154	5,649	75,776
Goats Skins	1,007,775	24,287	2,000	74,669
Sheep Skins	90,303	1,025	2,000	23,285

**Table 4.89: Livestock Products by Type of Products, Sales and Consumption During 2019/20 Agricultural Year, Mainland Tanzania**

Livestock Product	Production	Number Sold	Average Price (TZS)	Number Consumed
Eggs (Indigenous Chicken)	722,067,578	290,515,381	317	101,110,728
Eggs (Improved Chicken)	3,558,549,362	2,443,893,758	395	18,626,776
Hides	238,049	23,154	5,649	75,776
Goats Skins	1,007,775	24,287	2,000	74,669
Sheep Skins	90,303	1,025	2,000	23,285

**Table 4.90: Livestock Products by Type of Products, Sales and Consumption During 2019/20 Agricultural Year, Tanzania Zanzibar**

Livestock Product	Production	Number Sold	Average Price (TZS)	Number Consumed
Eggs (Indigenous Chicken)	23,399,106	6,741,389	370	2,841,935
Eggs (Improved Chicken)	200,379,195	162,716,069	351	723,922
Hides	-	-	-	-
Goats Skins	-	-	-	-
Sheep Skins	-	-	-	-

**Table 4.91: Number of Livestock Products by Type of Products and Region During 2019/20 Agricultural Year, Tanzania**

Region	Product				
	Eggs (Indigenous Chicken)	Eggs (Improved Chicken)	Hides	Goats Skins	Sheep Skins
Dodoma	11,111,081	202,544,211	9,426	8,897	5,330
Arusha	30,260,583	97,904,291	7,701	10,088	5,430
Kilimanjaro	33,290,440	133,472,574	57,228	21,752	2,463
Tanga	44,901,616	153,010,727	11,213	5,015	1,386
Morogoro	26,191,061	179,838,379	14,994	4,376	696
Pwani	20,088,032	169,738,738	2,607	11,726	-
Dar es Salaam	21,879,477	181,843,250	-	812,105	-
Lindi	15,364,813	98,520,497	-	-	-
Mtwara	24,104,871	132,896,319	3,858	-	-
Ruvuma	30,319,749	142,775,297	1,965	3,084	1,401
Iringa	42,982,736	103,691,719	-	4,691	-
Mbeya	101,128,851	175,263,111	13,722	14,961	22,369
Singida	29,881,125	124,494,136	28,775	4,759	937
Tabora	35,663,247	160,927,689	27,304	18,918	3,543
Rukwa	26,767,673	92,272,648	4,015	3,038	1,811
Kigoma	6,007,069	80,092,897	2,071	6,584	-
Shinyanga	26,505,305	87,866,874	8,342	11,198	2,418
Kagera	31,240,557	204,479,161	8,198	9,578	5,279
Mwanza	21,746,565	184,736,649	7,409	5,850	3,820
Mara	16,073,544	102,976,216	4,502	21,006	21,805
Manyara	10,256,968	115,372,986	478	424	-
Njombe	11,632,386	83,693,033	5,339	1,423	-
Katavi	3,820,880	32,817,240	3,799	5,228	1,643
Simiyu	26,066,066	77,122,408	8,090	11,343	6,774
Geita	12,598,219	119,254,687	2,245	3,439	3,199
Songwe	38,785,558	120,564,429	4,768	8,293	-
<b>Mainland Tanzania</b>	<b>698,668,472</b>	<b>3,358,170,166</b>	<b>238,049</b>	<b>1,007,776</b>	<b>90,304</b>
Kaskazini Unguja	3,906,808	25,465,462	-	-	-
Kusini Unguja	7,310,775	18,126,459	-	-	-
Mjini Magharibi	5,295,382	72,036,754	-	-	-
Kaskazini Pemba	1,530,538	61,811,848	-	-	-
Kusini Pemba	5,355,603	22,938,671	-	-	-
<b>Tanzania Zanzibar</b>	<b>23,399,106</b>	<b>200,379,194</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>722,067,578</b>	<b>3,558,549,360</b>	<b>238,049</b>	<b>1,007,776</b>	<b>90,304</b>



**Table 4.92: Number of Other Livestock Products Produced and Sold by Region During 2019/20 Agricultural Year, Tanzania**

Region	Product									
	Eggs (Indigenous Chicken)		Eggs (Improved Chicken)		Hides		Goats Skins		Sheep Skins	
	Production	Number Sold	Production	Number Sold	Production	Number Sold	Production	Number Sold	Production	Number Sold
Dodoma	11,111,081	470,620	202,544,211	78,367,718	9,426	-	8,897	-	5,330	-
Arusha	30,260,583	15,532,322	97,904,291	71,395,770	7,701	2,609	10,088	1,024	5,430	-
Kilimanjaro	33,290,440	15,347,482	133,472,574	96,387,816	57,228	177	21,752	360	2,463	360
Tanga	44,901,616	19,249,768	153,010,727	109,851,723	11,213	687	5,015	1,500	1,386	-
Morogoro	26,191,061	13,983,535	179,838,379	129,611,726	14,994	515	4,376	-	696	-
Pwani	20,088,032	4,226,998	169,738,738	152,841,364	2,607	-	11,726	5,906	-	-
Dar es Salaam	21,879,477	12,326,192	181,843,250	82,341,700	-	-	812,105	7,742	-	-
Lindi	15,364,813	8,316,793	98,520,497	70,805,456	-	-	-	-	-	-
Mtwara	24,104,871	10,665,852	132,896,319	96,193,783	3,858	-	-	-	-	-
Ruvuma	30,319,749	14,692,895	142,775,297	103,276,504	1,965	-	3,084	-	1,401	-
Iringa	42,982,736	13,758,726	103,691,719	79,846,640	-	-	4,691	-	-	-
Mbeya	101,128,851	19,739,617	175,263,111	127,741,308	13,722	1,823	14,961	931	22,369	-
Singida	29,881,125	14,493,095	124,494,136	88,989,315	28,775	-	4,759	250	937	-
Tabora	35,663,247	16,924,128	160,927,689	116,116,840	27,304	11,558	18,918	735	3,543	-
Rukwa	26,767,673	13,137,895	92,272,648	64,239,770	4,015	662	3,038	-	1,811	-
Kigoma	6,007,069	963,518	80,092,897	134,677	2,071	-	6,584	856	-	-
Shinyanga	26,505,305	8,835,975	87,866,874	63,082,058	8,342	-	11,198	902	2,418	-
Kagera	31,240,557	14,376,852	204,479,161	144,996,366	8,198	1,599	9,578	1,904	5,279	579
Mwanza	21,746,565	12,078,340	184,736,649	136,921,902	7,409	-	5,850	-	3,820	-
Mara	16,073,544	8,429,237	102,976,216	74,995,971	4,502	1,681	21,006	672	21,805	-
Manyara	10,256,968	6,025,439	115,372,986	82,772,138	478	-	424	-	-	-
Njombe	11,632,386	5,561,122	83,693,033	59,185,832	5,339	-	1,423	-	-	-
Katavi	3,820,880	1,474,651	32,817,240	23,108,609	3,799	-	5,228	-	1,643	-
Simiyu	26,066,066	4,603,900	77,122,408	54,528,015	8,090	274	11,343	428	6,774	86
Geita	12,598,219	6,168,706	119,254,687	88,222,513	2,245	1,569	3,439	1,076	3,199	-
Songwe	38,785,558	22,390,332	120,564,429	85,222,174	4,768	-	8,293	-	-	-
<b>Mainland Tanzania</b>	<b>698,668,472</b>	<b>283,773,990</b>	<b>3,358,170,166</b>	<b>2,281,177,688</b>	<b>238,049</b>	<b>23,154</b>	<b>1,007,776</b>	<b>24,286</b>	<b>90,304</b>	<b>1,025</b>
Kaskazini Unguja	3,906,808	1,543,669	25,465,462	20,917,038	-	-	-	-	-	-
Kusini Unguja	7,310,775	627,824	18,126,459	10,392,847	-	-	-	-	-	-
Mjini Magharibi	5,295,382	2,009,941	72,036,754	59,050,144	-	-	-	-	-	-
Kaskazini Pemba	1,530,538	638,690	61,811,848	56,492,402	-	-	-	-	-	-
Kusini Pemba	5,355,603	1,921,264	22,938,671	15,863,638	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>23,399,106</b>	<b>6,741,388</b>	<b>200,379,194</b>	<b>162,716,069</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>722,067,578</b>	<b>290,515,378</b>	<b>3,558,549,360</b>	<b>2,443,893,757</b>	<b>238,049</b>	<b>23,154</b>	<b>1,007,776</b>	<b>24,286</b>	<b>90,304</b>	<b>1,025</b>

## **OUTLET FOR SALE OF LIVESTOCK**

**Table 4.93: Number of Households Reported the First Most Important Outlet for Sales of Cattle by Region During 2019/20 Agricultural Year, Tanzania**

Region	Outlet for Sales of Cattle								
	Trader at Farm	Primary Market	Secondary Market/Auction	Neighbour	Abattoir/Factory	Another Farmer	Ranch	Border Market	Other
Dodoma	2,012	123,223	1,901	2,804	-	2,641	-	-	-
Arusha	9,702	85,094	37,575	3,950	-	3,035	-	2,384	448
Kilimanjaro	34,952	31,847	6,148	24,885	-	7,995	-	-	2,847
Tanga	10,374	20,621	1,943	12,760	-	1,817	-	143	827
Morogoro	5,013	13,311	279	2,083	-	691	-	-	-
Pwani	3,026	3,395	382	807	-	318	-	-	-
Dar es Salaam	5,865	2,872	4,000	1,587	-	-	-	-	-
Lindi	1,564	-	78	-	-	-	-	-	-
Mtwara	1,628	-	-	-	-	140	-	-	-
Ruvuma	4,182	4,538	-	14,162	-	5,488	-	-	140
Iringa	5,556	4,515	391	1,995	-	2,079	-	-	2,041
Mbeya	22,160	18,223	-	20,557	-	10,418	401	-	812
Singida	23,790	75,932	6,835	3,375	-	2,241	330	-	3,935
Tabora	5,008	83,591	7,594	5,232	-	894	-	-	-
Rukwa	6,924	35,406	-	11,855	-	4,523	213	-	-
Kigoma	2,780	4,360	297	6,260	-	3,626	-	1,029	239
Shinyanga	4,068	46,132	10,586	3,026	-	543	-	-	-
Kagera	11,706	16,196	529	1,989	-	1,234	-	-	471
Mwanza	40,968	48,713	6,174	3,123	-	6,188	427	-	1,718
Mara	6,121	52,531	20,704	3,840	-	1,295	-	-	236
Manyara	1,518	116,252	8,225	4,298	-	965	127	-	710
Njombe	3,398	4,741	124	9,204	-	7,911	-	-	-
Katavi	440	6,549	-	711	-	106	-	-	191
Simiyu	10,892	40,972	21,594	1,325	-	895	90	-	196
Geita	1,114	37,323	13,240	3,823	-	262	-	-	-
Songwe	11,174	42,305	703	9,620	-	1,632	-	328	758
<b>Mainland Tanzania</b>	<b>235,935</b>	<b>918,642</b>	<b>149,302</b>	<b>153,271</b>	<b>-</b>	<b>66,937</b>	<b>1,588</b>	<b>3,884</b>	<b>15,569</b>
Kaskazini Unguja	2,229	-	-	783	-	678	-	-	-
Kusini Unguja	2,217	109	-	390	-	55	55	-	-
Mjini Magharibi	1,866	140	-	824	-	392	-	-	180
Kaskazini Pemba	5,320	1,201	106	196	-	-	-	-	-
Kusini Pemba	11,076	4,779	405	1,156	-	127	-	-	-
<b>Tanzania Zanzibar</b>	<b>22,708</b>	<b>6,229</b>	<b>511</b>	<b>3,349</b>	<b>-</b>	<b>1,252</b>	<b>55</b>	<b>-</b>	<b>180</b>
<b>Tanzania</b>	<b>258,643</b>	<b>924,871</b>	<b>149,813</b>	<b>156,620</b>	<b>-</b>	<b>68,189</b>	<b>1,643</b>	<b>3,884</b>	<b>15,749</b>

**Table 4.94: Number of Households Reported the First Most Important Outlet for Sales of Goat by Region During 2019/20 Agricultural Year, Tanzania**

Region	Outlet for Sales of Goats								
	Trader at Farm	Primary Market	Secondary Market/Auction	Neighbour	Abattoir/Factory	Another Farmer	Ranch	Border Market	Other
Dodoma	5,111	106,508	2,449	4,595	-	-	-	-	599
Arusha	5,014	85,290	22,269	7,194	-	1,067	-	2,639	679
Kilimanjaro	21,750	26,775	5,101	28,452	-	4,941	-	-	981
Tanga	13,268	24,811	1,929	17,076	-	2,262	-	143	606
Morogoro	6,625	5,801	616	4,053	-	590	-	-	1,031
Pwani	3,883	2,447	421	1,170	-	605	-	-	263
Dar es Salaam	9,524	1,672	805	6,525	-	-	-	-	-
Lindi	5,248	-	-	1,410	-	192	-	-	542
Mtwara	13,245	480	-	5,628	-	618	-	-	290
Ruvuma	12,324	5,320	110	38,329	-	5,550	-	-	607
Iringa	5,245	5,306	1,399	2,115	-	1,706	-	-	720
Mbeya	7,379	9,889	824	6,046	-	2,344	-	-	437
Singida	15,657	47,652	2,581	6,188	-	1,962	-	-	1,935
Tabora	2,539	55,888	4,599	6,842	-	763	-	-	-
Rukwa	8,150	8,851	198	13,954	-	3,262	-	-	-
Kigoma	9,585	6,987	-	38,826	-	5,601	-	1,978	1,382
Shinyanga	3,454	35,234	7,341	5,228	-	114	263	-	-
Kagera	40,290	52,273	905	11,420	-	4,722	267	1,485	6,570
Mwanza	36,929	41,131	6,426	6,065	-	3,279	427	626	3,699
Mara	1,825	26,131	13,422	4,273	-	810	-	-	423
Manyara	293	95,872	5,836	2,184	-	865	-	-	590
Njombe	2,386	2,312	-	8,903	-	3,238	-	-	-
Katavi	134	5,381	-	818	-	194	-	-	78
Simiyu	7,809	23,684	15,591	399	-	455	175	-	-
Geita	880	34,613	14,224	3,215	-	-	-	-	-
Songwe	11,795	25,653	-	9,435	-	734	-	-	-
<b>Mainland Tanzania</b>	<b>250,342</b>	<b>735,961</b>	<b>107,046</b>	<b>240,343</b>	<b>-</b>	<b>45,874</b>	<b>1,132</b>	<b>6,871</b>	<b>21,432</b>
Kaskazini Unguja	658	51	-	348	-	128	-	-	51
Kusini Unguja	985	-	-	54	-	176	-	-	-
Mjini Magharibi	518	-	-	151	-	94	-	-	-
Kaskazini Pemba	1,466	-	-	486	-	-	-	-	-
Kusini Pemba	3,674	1,558	458	605	-	127	-	-	-
<b>Zanzibar</b>	<b>7,301</b>	<b>1,609</b>	<b>458</b>	<b>1,644</b>	<b>-</b>	<b>525</b>	<b>-</b>	<b>-</b>	<b>51</b>
<b>Tanzania</b>	<b>257,643</b>	<b>737,570</b>	<b>107,504</b>	<b>241,987</b>	<b>-</b>	<b>46,399</b>	<b>1,132</b>	<b>6,871</b>	<b>21,483</b>

**Table 4.95: Number of Households Reported the First Most Important Outlet for Sales of Sheep by Region During 2019/20 Agricultural Year, Tanzania**

Region	Outlet for Sales of Sheep								
	Trader at Farm	Primary Market	Secondary Market/Auction	Neighbour	Abattoir/Factory	Another Farmer	Ranch	Border Market	Other
Dodoma	1,440	46,617	290	1,713	-	-	-	-	-
Arusha	3,306	71,413	17,054	2,642	-	617	-	2,140	230
Kilimanjaro	7,437	14,351	3,574	10,940	-	2,192	-	-	794
Tanga	4,304	7,365	1,174	6,826	-	1,081	-	143	172
Morogoro	722	2,455	279	1,316	-	-	-	-	136
Pwani	496	1,204	127	-	-	-	-	-	-
Dar Es Salaam	2,835	-	-	-	-	-	-	-	-
Lindi	225	-	-	-	-	-	-	-	-
Mtwara	1,068	-	-	-	-	-	-	-	-
Ruvuma	247	-	-	1,643	-	259	-	-	-
Iringa	1,434	2,355	391	-	-	401	-	-	118
Mbeya	1,556	3,148	-	972	-	199	-	-	-
Singida	6,281	25,628	1,634	2,636	-	805	-	330	653
Tabora	1,223	23,380	1,423	3,962	-	-	-	-	-
Rukwa	1,485	2,684	-	838	-	834	-	-	-
Kigoma	2,360	1,503	-	6,112	-	567	-	-	239
Shinyanga	1,934	14,284	4,449	1,475	-	518	-	-	-
Kagera	5,983	7,936	-	375	-	557	-	-	-
Mwanza	10,615	26,766	4,992	498	-	1,045	-	-	-
Mara	1,165	15,921	6,883	566	-	252	-	-	-
Manyara	-	66,517	4,388	2,709	-	1,013	-	-	590
Njombe	299	522	-	1,239	-	555	-	-	-
Katavi	73	1,508	-	-	-	-	-	-	-
Simiyu	8,051	23,294	13,364	1,146	-	593	-	-	196
Geita	-	8,168	2,431	1,784	-	-	-	-	413
Songwe	2,067	4,120	-	543	-	240	-	-	-
<b>Mainland Tanzania</b>	<b>66,606</b>	<b>371,139</b>	<b>62,453</b>	<b>49,935</b>	<b>-</b>	<b>11,728</b>	<b>-</b>	<b>2,613</b>	<b>3,541</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	142	-	-	-	-	-	-	-
<b>Zanzibar</b>	<b>-</b>	<b>142</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>66,606</b>	<b>371,281</b>	<b>62,453</b>	<b>49,935</b>	<b>-</b>	<b>11,728</b>	<b>-</b>	<b>2,613</b>	<b>3,541</b>

**Table 4.96: Number of Households Reported the First Most Important Outlet for Sales of Pig by Region During 2019/20 Agricultural Year, Tanzania**

Region	Outlet for Sales of Pig								
	Trader at Farm	Primary Market	Secondary Market/Auction	Neighbour	Abattoir/Factory	Another Farmer	Ranch	Border Market	Other
Dodoma	9,276	-	-	10,417	-	6,580	-	-	296
Arusha	2,134	-	-	1,803	-	1,084	-	-	599
Kilimanjaro	10,809	-	-	10,515	-	2,674	-	-	831
Tanga	158	-	-	-	-	219	-	-	-
Morogoro	7,583	-	-	8,188	-	3,439	-	-	536
Pwani	1,283	-	-	458	-	-	-	-	-
Dar es Salaam	2,606	-	-	860	-	-	-	-	-
Lindi	1,384	-	-	-	-	-	-	-	-
Mtwara	1,793	-	-	629	-	-	-	-	-
Ruvuma	10,562	-	-	31,425	-	4,253	-	-	763
Iringa	12,851	-	-	11,957	-	1,291	-	-	4,892
Mbeya	18,280	-	-	20,144	-	10,366	-	-	1,160
Singida	2,097	-	-	1,968	-	861	-	-	-
Tabora	1,634	-	-	2,109	-	728	-	-	-
Rukwa	5,860	-	-	7,533	-	1,193	-	-	-
Kigoma	1,047	-	-	13,026	-	3,098	-	-	345
Shinyanga	357	-	-	837	-	141	-	-	282
Kagera	33,622	-	-	10,308	-	5,775	-	-	2,484
Mwanza	2,047	-	-	140	-	712	-	-	784
Mara	328	-	-	341	-	-	-	-	-
Manyara	11,884	-	-	13,827	-	4,411	-	-	-
Njombe	3,046	-	-	11,625	-	5,705	-	-	-
Katavi	268	-	-	592	-	183	-	-	205
Simiyu	-	-	-	-	-	1,107	-	-	-
Geita	226	-	-	845	-	1,081	-	-	-
Songwe	12,387	-	-	5,644	-	4,220	-	-	-
<b>Mainland Tanzania</b>	<b>153,522</b>	<b>-</b>	<b>-</b>	<b>165,191</b>	<b>-</b>	<b>59,121</b>	<b>-</b>	<b>-</b>	<b>13,177</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-
Kusini Unguja	57	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	44	-	-	-	-	44
Kaskazini Pemba	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-
<b>Zanzibar</b>	<b>57</b>	<b>-</b>	<b>-</b>	<b>44</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>44</b>
<b>Tanzania</b>	<b>153,579</b>	<b>-</b>	<b>-</b>	<b>165,235</b>	<b>-</b>	<b>59,121</b>	<b>-</b>	<b>-</b>	<b>13,221</b>

**Table 4.97: Number of Households Reported the First Most Important Outlet for Sales of Chicken by Region During 2019/20 Agricultural Year, Tanzania**

Region	Outlet for Sales of Chicken								
	Trader at Farm	Primary Market	Secondary Market/Auction	Neighbour	Abattoir/Factory	Another Farmer	Ranch	Border Market	Other
Dodoma	42,164	135,582	1,068	44,878	-	1,651	-	-	633
Arusha	17,974	26,084	9,067	34,377	-	1,099	-	-	977
Kilimanjaro	28,005	10,480	1,751	72,908	-	1,497	-	-	3,735
Tanga	49,167	16,022	702	74,053	-	1,388	-	-	4,510
Morogoro	48,862	3,548	1,686	75,434	-	8,212	-	-	5,585
Pwani	43,714	1,786	238	16,996	-	1,112	-	-	929
Dar es Salaam	29,909	619	2,818	39,573	-	2,734	-	-	2,885
Lindi	55,325	-	624	6,825	-	515	-	-	4,036
Mtwara	75,763	2,302	335	47,994	-	4,853	-	-	2,047
Ruvuma	22,516	1,605	-	101,683	-	5,959	-	-	3,642
Iringa	39,921	5,590	3,099	59,739	-	3,370	-	-	14,954
Mbeya	41,577	6,294	-	72,563	-	21,807	-	-	6,159
Singida	58,341	48,861	1,386	45,155	-	2,672	-	-	16,088
Tabora	25,203	49,400	2,469	97,156	-	13,877	-	-	1,230
Rukwa	41,201	3,576	147	53,636	-	6,351	-	-	-
Kigoma	18,845	6,616	-	87,225	-	4,907	-	-	3,071
Shinyanga	27,942	14,722	3,313	55,861	-	5,811	-	-	16,366
Kagera	86,304	29,200	277	39,039	-	9,734	-	-	5,190
Mwanza	97,273	41,319	14,625	43,783	-	8,870	-	-	5,201
Mara	6,835	30,976	2,747	60,035	-	1,546	-	-	369
Manyara	5,959	53,790	4,429	33,885	-	-	-	-	-
Njombe	5,506	1,803	147	69,586	-	7,737	-	-	-
Katavi	828	2,889	-	6,675	-	2,682	-	-	924
Simiyu	29,663	29,564	14,359	11,048	-	14,314	-	-	525
Geita	22,849	22,652	5,545	55,744	-	13,373	-	-	3,642
Songwe	31,795	16,948	-	54,518	-	893	-	-	528
<b>Mainland Tanzania</b>	<b>953,441</b>	<b>562,228</b>	<b>70,832</b>	<b>1,360,369</b>	<b>-</b>	<b>146,964</b>	<b>-</b>	<b>-</b>	<b>103,226</b>
Kaskazini Unguja	2,474	932	145	5,482	-	3,757	-	-	55
Kusini Unguja	2,615	55	-	1,534	-	689	-	-	-
Mjini Magharibi	669	47	-	7,512	-	1,839	-	-	1,603
Kaskazini Pemba	750	210	-	4,588	-	-	-	-	-
Kusini Pemba	5,865	3,525	158	18,384	-	698	-	-	-
<b>Tanzania Zanzibar</b>	<b>12,373</b>	<b>4,769</b>	<b>303</b>	<b>37,500</b>	<b>-</b>	<b>6,983</b>	<b>-</b>	<b>-</b>	<b>1,658</b>
<b>Tanzania</b>	<b>965,814</b>	<b>566,997</b>	<b>71,135</b>	<b>1,397,869</b>	<b>-</b>	<b>153,947</b>	<b>-</b>	<b>-</b>	<b>104,884</b>

# **LIVESTOCK PEST AND PARASITE CONTROL**



**Table 4.98: Number of Agricultural Households Practicing Livestock Deworming by Region During 2019/20 Agricultural Year, Tanzania**

Region	Deworming Livestock		Not Deworming Livestock		Total
	Number	Percent	Number	Percent	
Dodoma	22,852	39.6	33,537	60.4	56,389
Arusha	53,816	82.4	11,348	17.6	65,164
Kilimanjaro	66,983	91.7	6,091	8.3	73,075
Tanga	44,221	66.7	21,881	33.3	66,102
Morogoro	17,936	61	10,618	39	28,554
Pwani	11,415	38.9	17,499	61.1	28,915
Dar es Salaam	3,783	29.8	7,587	70.2	11,370
Lindi	449	14.8	2,576	85.2	3,025
Mtwara	3,788	20.6	14,373	79.4	18,161
Ruvuma	27,493	55.4	21,941	44.6	49,434
Iringa	44,553	60.8	28,728	39.2	73,281
Mbeya	48,928	57.3	35,734	42.7	84,661
Singida	10,422	43.9	12,963	56.1	23,385
Tabora	24,312	38	38,705	62	63,017
Rukwa	29,394	61.3	17,956	38.7	47,349
Kigoma	19,466	74.5	6,664	25.5	26,130
Shinyanga	13,172	25.5	38,336	74.5	51,508
Kagera	23,570	57.6	17,547	42.4	41,117
Mwanza	35,550	58.7	24,969	41.3	60,519
Mara	21,347	58.2	15,355	41.8	36,702
Manyara	57,268	77.5	16,033	22.5	73,301
Njombe	12,389	61.8	7,663	38.2	20,052
Katavi	1,290	39.6	1,837	60.4	3,127
Simiyu	10,972	34.4	20,691	65.6	31,662
Geita	29,487	46.5	33,634	53.5	63,120
Songwe	15,578	50.7	15,170	49.3	30,749
<b>Mainland Tanzania</b>	<b>650,434</b>	<b>1,347</b>	<b>479,436</b>	<b>1,253</b>	<b>1,129,869</b>
Kaskazini Unguja	1,359	43.3	1,660	56.7	3,018
Kusini Unguja	3,872	63.7	2,140	36.3	6,011
Mjini Magharibi	2,921	59.6	1,982	40.4	4,903
Kaskazini Pemba	3,449	65.9	1,483	34.1	4,932
Kusini Pemba	2,514	26.4	7,015	73.6	9,529
<b>Tanzania Zanzibar</b>	<b>14,115</b>	<b>258.8</b>	<b>14,280</b>	<b>241.2</b>	<b>28,393</b>
<b>Tanzania</b>	<b>664,549</b>	<b>1,606</b>	<b>493,716</b>	<b>1,494</b>	<b>1,158,262</b>

**Table 4.99: Number of Agricultural Households that Dewormed Livestock by Type of Livestock and Region During 2019/20 Agricultural Year, Tanzania**

Region	Cattle	Goats	Sheep	Pigs	Chicken
Dodoma	16,487	9,223	3,721	3,746	4,535
Arusha	37,250	36,827	32,748	157	7,809
Kilimanjaro	45,287	37,261	17,527	8,495	22,241
Tanga	27,333	23,822	8,012	730	9,384
Morogoro	7,691	3,092	1,605	4,829	8,156
Pwani	4,318	5,624	2,117	1,705	4,911
Dar es Salaam	2,312	805	805	619	2,896
Lindi	225	449	225	-	449
Mtwara	671	1,927	-	406	1,893
Ruvuma	9,936	11,703	211	15,689	7,400
Iringa	15,273	8,705	1,527	24,257	10,363
Mbeya	30,506	7,474	1,831	17,007	10,951
Singida	8,778	4,056	2,738	95	2,963
Tabora	17,931	6,290	1,355	1,015	7,672
Rukwa	21,992	4,821	1,425	2,162	7,625
Kigoma	3,217	11,043	1,584	5,232	5,328
Shinyanga	8,429	4,308	1,571	573	2,740
Kagera	11,699	11,828	5,434	6,391	4,411
Mwanza	24,699	17,666	5,322	1,508	5,269
Mara	17,640	10,104	7,765	-	6,483
Manyara	46,403	36,395	28,786	12,286	10,861
Njombe	6,176	2,775	363	3,939	6,672
Katavi	1,100	609	80	83	718
Simiyu	10,012	3,730	3,028	-	5,397
Geita	24,647	11,679	2,693	1,071	1,788
Songwe	12,079	5,538	462	2,197	3,692
<b>Mainland Tanzania</b>	<b>412,091</b>	<b>277,754</b>	<b>132,935</b>	<b>114,192</b>	<b>162,607</b>
Kaskazini Unguja	1,001	141	-	-	216
Kusini Unguja	2,985	1,323	-	-	909
Mjini Magharibi	1,943	219	-	-	1,880
Kaskazini Pemba	3,352	621	-	-	97
Kusini Pemba	1,834	990	-	-	717
<b>Tanzania Zanzibar</b>	<b>11,115</b>	<b>3,294</b>	<b>-</b>	<b>-</b>	<b>3,819</b>
<b>Tanzania</b>	<b>423,206</b>	<b>281,048</b>	<b>132,935</b>	<b>114,192</b>	<b>166,426</b>

**Table 4.100: Number and Percentage of Agricultural Households Normally Encountered Tick Problem by Region During 2019/20 Agricultural Year, Tanzania**

Region	Tick Problem		No Tick Problem		Total
	Number	Percent	Number	Percent	
Dodoma	24,829	44.0	31,560	56.0	56,389
Arusha	19,080	29.3	46,084	70.7	65,164
Kilimanjaro	11,540	15.8	61,535	84.2	73,075
Tanga	11,311	17.1	54,790	82.9	66,102
Morogoro	6,335	22.2	22,218	77.8	28,554
Pwani	4,753	16.4	24,161	83.6	28,915
Dar es Salaam	-	0.0	11,370	100.0	11,370
Lindi	-	0.0	3,025	100.0	3,025
Mtwara	1,126	6.2	17,036	93.8	18,161
Ruvuma	8,054	16.3	41,379	83.7	49,434
Iringa	6,749	9.2	66,532	90.8	73,281
Mbeya	23,339	27.6	61,323	72.4	84,661
Singida	12,245	52.4	11,140	47.6	23,385
Tabora	15,145	24.0	47,872	76.0	63,017
Rukwa	19,183	40.5	28,166	59.5	47,349
Kigoma	5,416	20.7	20,714	79.3	26,130
Shinyanga	22,003	42.7	29,505	57.3	51,508
Kagera	11,765	28.6	29,352	71.4	41,117
Mwanza	21,498	35.5	39,021	64.5	60,519
Mara	13,186	35.9	23,515	64.1	36,702
Manyara	31,930	43.6	41,371	56.4	73,301
Njombe	1,700	8.5	18,352	91.5	20,052
Katavi	1,588	50.8	1,540	49.2	3,127
Simiyu	14,671	46.3	16,991	53.7	31,662
Geita	15,990	25.3	47,130	74.7	63,120
Songwe	14,844	48.3	15,905	51.7	30,749
<b>Mainland Tanzania</b>	<b>318,280</b>	<b>28.2</b>	<b>811,587</b>	<b>71.8</b>	<b>1,129,869</b>
Kaskazini Unguja	199	6.6	2,820	93.4	3,018
Kusini Unguja	2,273	37.8	3,739	62.2	6,011
Mjini Magharibi	1,342	27.4	3,561	72.6	4,903
Kaskazini Pemba	2,221	45.0	2,711	55.0	4,932
Kusini Pemba	5,200	54.6	4,329	45.4	9,529
<b>Tanzania Zanzibar</b>	<b>11,235</b>	<b>39.6</b>	<b>17,160</b>	<b>60.4</b>	<b>28,393</b>
<b>Tanzania</b>	<b>329,515</b>	<b>28.4</b>	<b>828,747</b>	<b>71.6</b>	<b>1,158,262</b>

**Table 4.101: Number and Percentage of Agricultural Households by Method of Tick Control and Region During 2019/20 Agricultural Year, Tanzania**

Region	Dipping		Spraying		Smearing		None		Other		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	6,143	24.7	18,490	74.5	-	-	195	0.8	-	-	24,829
Arusha	3,251	17.0	15,830	83.0	-	-	-	-	-	-	19,080
Kilimanjaro	3,000	26.0	7,375	63.9	280	2.4	885	7.7	-	-	11,540
Tanga	3,970	35.1	6,545	57.9	269	2.4	527	4.7	-	-	11,311
Morogoro	1,632	25.8	4,703	74.2	-	-	-	-	-	-	6,335
Pwani	846	17.8	3,658	77.0	98	2.1	151	3.2	-	-	4,753
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	961	85.3	-	-	165	14.7	-	-	1,126
Ruvuma	3,798	47.2	4,055	50.3	202	2.5	-	-	-	-	8,054
Iringa	4,629	68.6	1,128	16.7	653	9.7	339	5.0	-	-	6,749
Mbeya	2,632	11.3	20,300	87.0	-	-	407	1.7	-	-	23,339
Singida	5,125	41.9	6,785	55.4	335	2.7	-	-	-	-	12,245
Tabora	2,507	16.6	12,110	80.0	-	-	528	3.5	-	-	15,145
Rukwa	6,197	32.3	12,820	66.8	165	0.9	-	-	-	-	19,183
Kigoma	771	14.2	4,162	76.8	-	-	483	8.9	-	-	5,416
Shinyanga	1,387	6.3	19,504	88.6	499	2.3	614	2.8	-	-	22,003
Kagera	2,158	18.3	8,992	76.4	-	-	614	5.2	-	-	11,765
Mwanza	5,384	25.0	15,580	72.5	-	-	534	2.5	-	-	21,498
Mara	2,759	20.9	9,239	70.1	834	6.3	355	2.7	-	-	13,186
Manyara	12,228	38.3	18,219	57.1	1,188	3.7	295	0.9	-	-	31,930
Njombe	891	52.4	686	40.4	-	-	124	7.3	-	-	1,700
Katavi	176	11.1	1,275	80.3	-	-	136	8.6	-	-	1,588
Simiyu	1,400	9.5	13,143	89.6	128	0.9	-	-	-	-	14,671
Geita	521	3.3	14,894	93.1	358	2.2	217	1.4	-	-	15,990
Songwe	1,899	12.8	12,697	85.5	-	-	249	1.7	-	-	14,844
<b>Mainland Tanzania</b>	<b>73,304</b>	<b>23.0</b>	<b>233,151</b>	<b>73.3</b>	<b>5,009</b>	<b>1.6</b>	<b>6,818</b>	<b>2.1</b>	-	-	<b>318,280</b>
Kaskazini Unguja	-	-	148	74.4	51	25.6	-	-	-	-	199
Kusini Unguja	440	19.4	1,012	44.5	822	36.2	-	-	-	-	2,273
Mjini Magharibi	301	22.4	751	56.0	290	21.6	-	-	-	-	1,342
Kaskazini Pemba	-	-	2,071	93.2	151	6.8	-	-	-	-	2,221
Kusini Pemba	150	2.9	5,050	97.1	-	-	-	-	-	-	5,200
<b>Tanzania Zanzibar</b>	<b>891</b>	<b>7.9</b>	<b>9,032</b>	<b>80.4</b>	<b>1,314</b>	<b>11.7</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,235</b>
<b>Tanzania</b>	<b>74,195</b>	<b>22.5</b>	<b>242,183</b>	<b>73.5</b>	<b>6,323</b>	<b>1.9</b>	<b>6,818</b>	<b>2.1</b>	-	-	<b>329,515</b>

**Table 4.102: Number and Percentage of Agricultural Households Normally Encountered Tsetse Flies Problem by Region During 2019/20 Agricultural Year, Tanzania**

Region	Encountered Tsetse Flies Problem		Not Encountered Tsetse Flies Problem		Total
	Number	Percent	Number	Percent	
Dodoma	9,418	16.7	46,971	83.3	56,389
Arusha	11,377	17.5	53,788	82.5	65,164
Kilimanjaro	8,599	11.8	64,476	88.2	73,075
Tanga	5,306	8.0	60,796	92.0	66,102
Morogoro	3,705	13.0	24,849	87.0	28,554
Pwani	2,415	8.4	26,500	91.6	28,915
Dar es Salaam	-	-	11,370	100.0	11,370
Lindi	-	-	3,025	100.0	3,025
Mtwara	409	2.3	17,752	97.7	18,161
Ruvuma	1,743	3.5	47,690	96.5	49,434
Iringa	1,116	1.5	72,165	98.5	73,281
Mbeya	6,030	7.1	78,632	92.9	84,661
Singida	2,027	8.7	21,358	91.3	23,385
Tabora	2,261	3.6	60,756	96.4	63,017
Rukwa	7,660	16.2	39,689	83.8	47,349
Kigoma	-	-	26,130	100.0	26,130
Shinyanga	849	1.6	50,659	98.4	51,508
Kagera	5,184	12.6	35,933	87.4	41,117
Mwanza	1,168	1.9	59,351	98.1	60,519
Mara	4,941	13.5	31,760	86.5	36,702
Manyara	10,229	14.0	63,072	86.0	73,301
Njombe	-	-	20,052	100.0	20,052
Katavi	716	22.9	2,412	77.1	3,127
Simiyu	2,577	8.1	29,085	91.9	31,662
Geita	1,387	2.2	61,734	97.8	63,120
Songwe	5,742	18.7	25,007	81.3	30,749
<b>Mainland Tanzania</b>	<b>94,859</b>	<b>8.4</b>	<b>1,035,012</b>	<b>91.6</b>	<b>1,129,869</b>
Kaskazini Unguja	-	-	3,018	100.0	3,018
Kusini Unguja	-	-	6,011	100.0	6,011
Mjini Magharibi	49	1.0	4,854	99.0	4,903
Kaskazini Pemba	-	-	4,932	100.0	4,932
Kusini Pemba	150	1.6	9,380	98.4	9,529
<b>Tanzania Zanzibar</b>	<b>199</b>	<b>0.7</b>	<b>28,195</b>	<b>99.3</b>	<b>28,393</b>
<b>Tanzania</b>	<b>95,058</b>	<b>8.2</b>	<b>1,063,207</b>	<b>91.8</b>	<b>1,158,262</b>

**Table 4.103: Number and Percentage of Agricultural Households by Method Used to Control Tsetse Flies and Region During 2019/20 Agricultural Year, Tanzania**

Region	Dipping		Spraying		Trapping		None		Other		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	602	6.4	4,715	50.1	-	-	476	5.1	3,625	38.5	9,418
Arusha	1,553	13.7	8,093	71.1	-	-	410	3.6	1,320	11.6	11,376
Kilimanjaro	1,745	20.3	5,716	66.5	-	-	422	4.9	716	8.3	8,599
Tanga	1,233	23.2	3,703	69.8	-	-	-	-	370	7.0	5,306
Morogoro	615	16.6	3,090	83.4	-	-	-	-	-	-	3,705
Pwani	-	-	2,204	91.3	127	5.3	-	-	83	3.4	2,414
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	218	53.3	-	-	191	46.7	-	-	409
Ruvuma	723	41.5	841	48.2	-	-	180	10.3	-	-	1,744
Iringa	584	52.3	-	-	-	-	333	29.8	199	17.8	1,116
Mbeya	671	11.1	4,273	70.9	-	-	1,085	18.0	-	-	6,029
Singida	252	12.4	1,775	87.6	-	-	-	-	-	-	2,027
Tabora	220	9.7	2,042	90.3	-	-	-	-	-	-	2,262
Rukwa	2,077	27.1	4,981	65.0	-	-	602	7.9	-	-	7,660
Kigoma	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	99	11.6	583	68.6	-	-	168	19.8	-	-	850
Kagera	579	11.2	3,456	66.7	-	-	890	17.2	259	5.0	5,184
Mwanza	-	-	802	68.7	-	-	366	31.3	-	-	1,168
Mara	793	16.0	3,622	73.3	-	-	355	7.2	172	3.5	4,942
Manyara	921	9.0	8,084	79.0	228	2.2	-	-	996	9.7	10,229
Njombe	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	650	90.8	-	-	-	-	66	9.2	716
Simiyu	296	11.5	1,972	76.5	-	-	161	6.2	148	5.7	2,577
Geita	-	-	1,067	76.9	-	-	320	23.1	-	-	1,387
Songwe	1,145	19.9	3,436	59.9	-	-	620	10.8	540	9.4	5,741
<b>Mainland Tanzania</b>	<b>14,108</b>	<b>14.9</b>	<b>65,323</b>	<b>68.9</b>	<b>355</b>	<b>0.4</b>	<b>6,579</b>	<b>6.9</b>	<b>8,494</b>	<b>9.0</b>	<b>94,859</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	49	100.0	-	-	-	-	-	-	49
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	150	100.0	-	-	-	-	-	-	-	-	150
<b>Tanzania Zanzibar</b>	<b>150</b>	<b>75.4</b>	<b>49</b>	<b>24.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>199</b>
<b>Tanzania</b>	<b>14,258</b>	<b>15.0</b>	<b>65,372</b>	<b>68.8</b>	<b>355</b>	<b>0.4</b>	<b>6,579</b>	<b>6.9</b>	<b>8,494</b>	<b>8.9</b>	<b>95,058</b>

**Table 4.104: Number and Percentage of Agricultural Households Reported New Castle Disease Problem by Region During 2019/20 Agricultural Year, Tanzania**

Region	Encountered New Castle Disease		Did Not Encounter New Castle Disease		Total
	Number	Percent	Number	Percent	
Dodoma	24,906	44.2	31,484	55.8	56,389
Arusha	13,258	20.3	51,907	79.7	65,164
Kilimanjaro	17,406	23.8	55,669	76.2	73,075
Tanga	30,424	46.0	35,678	54.0	66,102
Morogoro	13,864	48.6	14,690	51.4	28,554
Pwani	15,144	52.4	13,771	47.6	28,915
Dar es Salaam	4,142	36.4	7,228	63.6	11,370
Lindi	400	13.2	2,625	86.8	3,025
Mtwara	10,400	57.3	7,761	42.7	18,161
Ruvuma	22,297	45.1	27,136	54.9	49,434
Iringa	25,971	35.4	47,309	64.6	73,281
Mbeya	33,450	39.5	51,211	60.5	84,661
Singida	9,072	38.8	14,313	61.2	23,385
Tabora	15,794	25.1	47,224	74.9	63,017
Rukwa	24,619	52.0	22,731	48.0	47,349
Kigoma	5,516	21.1	20,614	78.9	26,130
Shinyanga	18,928	36.7	32,579	63.3	51,508
Kagera	5,538	13.5	35,579	86.5	41,117
Mwanza	27,943	46.2	32,576	53.8	60,519
Mara	14,223	38.8	22,479	61.2	36,702
Manyara	8,637	11.8	64,664	88.2	73,301
Njombe	3,402	17.0	16,650	83.0	20,052
Katavi	531	17.0	2,597	83.1	3,127
Simiyu	12,374	39.1	19,289	60.9	31,662
Geita	25,530	40.4	37,590	59.6	63,120
Songwe	15,100	49.1	15,649	50.9	30,749
<b>Mainland Tanzania</b>	<b>398,869</b>	<b>35.3</b>	<b>731,003</b>	<b>64.7</b>	<b>1,129,869</b>
Kaskazini Unguja	1,589	52.7	1,429	47.3	3,018
Kusini Unguja	1,799	29.9	4,212	70.1	6,011
Mjini Magharibi	2,393	48.8	2,510	51.2	4,903
Kaskazini Pemba	1,138	23.1	3,794	76.9	4,932
Kusini Pemba	1,210	12.7	8,319	87.3	9,529
<b>Tanzania Zanzibar</b>	<b>8,129</b>	<b>28.6</b>	<b>20,264</b>	<b>71.4</b>	<b>28,393</b>
<b>Tanzania</b>	<b>406,998</b>	<b>35.1</b>	<b>751,267</b>	<b>64.9</b>	<b>1,158,262</b>

**Table 4.105: Number and Percentage of Agricultural Households by Method Used to Control Newcastle Disease and Region During 2019/20 Agricultural Year, Tanzania**

Region	Vaccination Method		Local Herbs		None		Others		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	13,318	53.5	5,498	22.1	6,089	24.4	-	-	24,905
Arusha	2,163	16.3	9,724	73.3	1,210	9.1	162	1.2	13,259
Kilimanjaro	10,291	59.1	4,442	25.5	2,394	13.8	278	1.6	17,405
Tanga	15,808	52	11,864	39	2,752	9	-	-	30,424
Morogoro	6,314	45.5	5,892	42.5	1,658	12	-	-	13,864
Pwani	8,720	57.6	4,405	29.1	2,019	13.3	-	-	15,144
Dar es Salaam	2,129	51.4	2,013	48.6	-	-	-	-	4,142
Lindi	400	100	-	-	-	-	-	-	400
Mtwara	6,774	65.1	2,539	24.4	951	9.1	136	1.3	10,400
Ruvuma	15,872	71.2	2,811	12.6	3,614	16.2	-	-	22,297
Iringa	19,718	75.9	4,618	17.8	1,635	6.3	-	-	25,971
Mbeya	17,196	51.4	6,701	20	9,553	28.6	-	-	33,450
Singida	5,798	63.9	2,468	27.2	806	8.9	-	-	9,072
Tabora	7,686	48.7	6,873	43.5	1,234	7.8	-	-	15,793
Rukwa	16,281	66.1	5,745	23.3	2,592	10.5	-	-	24,618
Kigoma	3,714	67.3	1,595	28.9	207	3.8	-	-	5,516
Shinyanga	8,359	44.2	9,312	49.2	1,257	6.6	-	-	18,928
Kagera	1,853	33.5	2,543	45.9	1,143	20.6	-	-	5,539
Mwanza	12,945	46.3	11,914	42.6	2,828	10.1	256	0.9	27,943
Mara	6,378	44.8	6,934	48.8	910	6.4	-	-	14,222
Manyara	4,261	49.3	3,328	38.5	1,048	12.1	-	-	8,637
Njombe	2,548	74.9	722	21.2	132	3.9	-	-	3,402
Katavi	255	48	92	17.3	184	34.7	-	-	531
Simiyu	4,162	33.6	6,948	56.2	1,263	10.2	-	-	12,373
Geita	12,151	47.6	11,438	44.8	1,942	7.6	-	-	25,531
Songwe	10,892	72.1	1,677	11.1	2,283	15.1	249	1.6	15,101
<b>Mainland Tanzania</b>	<b>215,986</b>	<b>54.1</b>	<b>132,096</b>	<b>33.1</b>	<b>49,704</b>	<b>12.5</b>	<b>1,081</b>	<b>0.3</b>	<b>398,867</b>
Kaskazini Unguja	113	7.1	737	46.4	740	46.5	-	-	1,590
Kusini Unguja	326	18.1	925	51.4	549	30.5	-	-	1,800
Mjini Magharibi	1,382	57.8	232	9.7	735	30.7	44	1.8	2,393
Kaskazini Pemba	278	24.4	332	29.2	528	46.4	-	-	1,138
Kusini Pemba	629	52	289	23.9	292	24.1	-	-	1,210
<b>Tanzania Zanzibar</b>	<b>2,728</b>	<b>33.6</b>	<b>2,515</b>	<b>30.9</b>	<b>2,844</b>	<b>35.0</b>	<b>44</b>	<b>0.5</b>	<b>8,131</b>
<b>Tanzania</b>	<b>218,714</b>	<b>53.7</b>	<b>134,611</b>	<b>33.1</b>	<b>52,548</b>	<b>12.9</b>	<b>1,125</b>	<b>0.3</b>	<b>406,998</b>



**Table 4.106: Number and Percentage of Agricultural Households Reported to Encounter Fowl Typhoid Problem by Region During 2019/20 Agricultural Year, Tanzania**

Region	Encountered Fowl Typhoid Disease		Did Not Encounter Fowl Typhoid Disease		Total
	Number	Percent	Number	Percent	
Dodoma	6,103	10.8	50,286	89.2	56,389
Arusha	1,752	2.7	63,412	97.3	65,164
Kilimanjaro	3,900	5.3	69,174	94.7	73,075
Tanga	1,860	2.8	64,242	97.2	66,102
Morogoro	2,888	10.1	25,666	89.9	28,554
Pwani	577	2.0	28,337	98.0	28,915
Dar es Salaam	-	-	11,370	100.0	11,370
Lindi	563	18.6	2,462	81.4	3,025
Mtwara	1,194	6.6	16,967	93.4	18,161
Ruvuma	2,044	4.1	47,390	95.9	49,434
Iringa	2,998	4.1	70,282	95.9	73,281
Mbeya	5,270	6.2	79,391	93.8	84,661
Singida	893	3.8	22,492	96.2	23,385
Tabora	1,513	2.4	61,504	97.6	63,017
Rukwa	4,286	9.1	43,064	91.0	47,349
Kigoma	2,515	9.6	23,615	90.4	26,130
Shinyanga	2,816	5.5	48,691	94.5	51,508
Kagera	1,230	3.0	39,887	97.0	41,117
Mwanza	4,849	8.0	55,670	92.0	60,519
Mara	997	2.7	35,705	97.3	36,702
Manyara	6,339	8.6	66,962	91.4	73,301
Njombe	320	1.6	19,732	98.4	20,052
Katavi	754	24.1	2,374	75.9	3,127
Simiyu	2,973	9.4	28,689	90.6	31,662
Geita	3,006	4.8	60,114	95.2	63,120
Songwe	2,595	8.4	28,153	91.6	30,749
<b>Mainland Tanzania</b>	<b>64,235</b>	<b>5.7</b>	<b>1,065,631</b>	<b>94.3</b>	<b>1,129,869</b>
Kaskazini Unguja	67	2.2	2,952	97.8	3,018
Kusini Unguja	248	4.1	5,764	95.9	6,011
Mjini Magharibi	44	0.9	4,859	99.1	4,903
Kaskazini Pemba	120	2.4	4,812	97.6	4,932
Kusini Pemba	296	3.1	9,233	96.9	9,529
<b>Tanzania Zanzibar</b>	<b>775</b>	<b>2.7</b>	<b>27,620</b>	<b>97.3</b>	<b>28,393</b>
<b>Tanzania</b>	<b>65,010</b>	<b>5.6</b>	<b>1,093,251</b>	<b>94.4</b>	<b>1,158,262</b>

**Table 4.107: Number and Percentage of Agricultural Households by Method of Fowl Typhoid Control and Region During 2019/20 Agricultural Year, Tanzania**

Region	Vaccination Method		Local Herbs		None		Others		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	2,884	44.9	688	10.7	2,531	44.4	-	-	6,103
Arusha	1,123	64.1	629	35.9	-	-	-	-	1,752
Kilimanjaro	2,833	72.6	718	18.4	349	8.9	-	-	3,900
Tanga	1,033	55.5	446	24	216	11.6	166	8.9	1,861
Morogoro	1,739	60.2	430	14.9	719	24.9	-	-	2,888
Pwani	439	76.1	138	23.9	-	-	-	-	577
Dar es Salaam	-	-	-	-	-	-	-	-	0
Lindi	563	100	-	-	-	-	-	-	563
Mtwara	218	18.3	234	19.6	516	43.2	226	18.9	1,194
Ruvuma	1,668	81.6	265	13	110	5.4	-	-	2,043
Iringa	1,178	39.3	221	7.4	1,600	53.4	-	-	2,999
Mbeya	2,521	47.8	1,714	32.5	1,035	19.6	-	-	5,270
Singida	613	68.7	279	31.3	-	-	-	-	892
Tabora	551	36.4	765	50.5	198	13.1	-	-	1,514
Rukwa	3,062	71.5	592	13.8	631	14.7	-	-	4,285
Kigoma	1,563	62.2	951	37.8	-	-	-	-	2,514
Shinyanga	1,354	48.1	1,462	51.9	-	-	-	-	2,816
Kagera	-	-	739	60.1	491	39.9	-	-	1,230
Mwanza	1,754	36.2	1,630	33.6	1,465	30.2	-	-	4,849
Mara	997	100	-	-	-	-	-	-	997
Manyara	4,518	71.3	1,267	20	555	8.8	-	-	6,340
Njombe	320	100	-	-	-	-	-	-	320
Katavi	269	35.7	419	55.6	66	8.8	-	-	754
Simiyu	1,521	51.1	1,453	48.9	-	-	-	-	2,974
Geita	1,285	42.7	1,274	42.4	447	14.9	-	-	3,006
Songwe	2,056	79.2	540	20.8	-	-	-	-	2,596
<b>Mainland Tanzania</b>	<b>36,062</b>	<b>55.9</b>	<b>16,854</b>	<b>26.1</b>	<b>10,929</b>	<b>17.4</b>	<b>392</b>	<b>0.6</b>	<b>64,237</b>
Kaskazini Unguja	67	100	-	-	-	-	-	-	67
Kusini Unguja	108	43.5	140	56.5	-	-	-	-	248
Mjini Magharibi	44	100	-	-	-	-	-	-	44
Kaskazini Pemba	120	100	-	-	-	-	-	-	120
Kusini Pemba	139	47	157	53	-	-	-	-	296
<b>Tanzania Zanzibar</b>	<b>478</b>	<b>61.7</b>	<b>297</b>	<b>38.3</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>775</b>
<b>Tanzania</b>	<b>36,540</b>	<b>55.9</b>	<b>17,151</b>	<b>26.3</b>	<b>10,929</b>	<b>17.2</b>	<b>392</b>	<b>0.6</b>	<b>65,012</b>

**Table 4.108: Number and Percentage of Households Reported to Perform Vaccination Against Livestock Disease by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Foot and Mouth Disease		Lumpy Skin		Rabies		Black Quarter		Anthrax		CBPP		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	12,753	24.5	9,959	19.1	1,544	3.0	4,481	8.6	3,206	6.2	20,185	38.7	52,128
Arusha	11,513	18.4	13,623	21.8	2,535	4.1	2,819	4.5	13,249	21.2	18,758	30.0	62,497
Kilimanjaro	12,374	20.2	8,151	13.3	8,035	13.1	3,596	5.9	14,987	24.4	14,250	23.2	61,393
Tanga	12,309	26.7	8,998	19.5	1,509	3.3	4,988	10.8	4,528	9.8	13,757	29.8	46,089
Morogoro	4,535	24.1	3,499	18.6	1,210	6.4	981	5.2	3,484	18.5	5,125	27.2	18,834
Pwani	3,645	28.4	2,417	18.9	1,282	10.0	1,382	10.8	421	3.3	3,674	28.7	12,821
Dar es Salaam	2,477	22.8	2,934	27.1	805	7.4	1,510	13.9	805	7.4	2,315	21.3	10,846
Lindi	266	41.1	78	12.1	225	34.8	-	-	-	-	78	12.1	647
Mtwara	468	38.7	-	-	234	19.3	153	12.6	153	12.6	202	16.7	1,210
Ruvuma	1,298	11.8	3,676	33.3	3,533	32.0	1,006	9.1	380	3.4	1,140	10.3	11,033
Iringa	12,876	20.2	10,930	17.1	13,512	21.2	7,707	12.1	7,489	11.7	11,302	17.7	63,816
Mbeya	8,934	18.3	13,519	27.6	7,175	14.7	4,395	9.0	3,126	6.4	11,801	24.1	48,950
Singida	6,044	27.8	4,956	22.8	3,225	14.8	1,965	9.0	2,699	12.4	2,861	13.2	21,750
Tabora	14,559	19.0	15,239	19.9	7,744	10.1	9,433	12.3	11,502	15.0	18,269	23.8	76,746
Rukwa	7,233	13.6	12,097	22.8	6,092	11.5	5,138	9.7	6,353	12.0	16,142	30.4	53,055
Kigoma	5,816	50.5	1,012	8.8	653	5.7	747	6.5	1,337	11.6	1,956	17.0	11,521
Shinyanga	8,105	20.0	7,853	19.4	5,554	13.7	3,512	8.7	2,704	6.7	12,854	31.7	40,582
Kagera	2,579	12.0	4,583	21.4	3,854	18.0	2,626	12.3	3,650	17.0	4,119	19.2	21,411
Mwanza	5,210	19.2	8,249	30.5	5,059	18.7	1,749	6.5	2,709	10.0	4,092	15.1	27,068
Mara	9,781	26.6	10,658	29.0	4,726	12.9	3,908	10.6	296	0.8	7,366	20.1	36,735
Manyara	12,200	20.2	13,106	21.8	1,848	3.1	5,643	9.4	2,861	4.7	24,594	40.8	60,252
Njombe	5,957	18.9	4,308	13.6	3,414	10.8	5,461	17.3	7,582	24.0	4,863	15.4	31,585
Katavi	1,140	24.4	791	16.9	432	9.3	629	13.5	581	12.4	1,097	23.5	4,670
Simiyu	8,062	31.7	7,446	29.3	2,745	10.8	2,010	7.9	1,496	5.9	3,667	14.4	25,426
Geita	9,916	25.6	6,833	17.7	7,400	19.1	1,995	5.2	2,167	5.6	10,355	26.8	38,666
Songwe	3,958	20.2	3,080	15.7	992	5.1	2,026	10.3	3,754	19.1	5,815	29.6	19,625
<b>Mainland Tanzania</b>	<b>184,008</b>	<b>21.4</b>	<b>177,995</b>	<b>20.7</b>	<b>95,337</b>	<b>11.1</b>	<b>79,860</b>	<b>9.3</b>	<b>101,519</b>	<b>11.8</b>	<b>220,637</b>	<b>25.7</b>	<b>859,356</b>
Kaskazini Unguja	598	24.7	676	28.0	-	-	773	32.0	244	10.1	126	5.2	2,417
Kusini Unguja	731	14.0	1,617	30.9	197	3.8	1,088	20.8	782	14.9	820	15.7	5,235
Mjini Magharibi	133	6.7	906	45.6	680	34.3	178	9.0	44	2.2	44	2.2	1,985
Kaskazini Pemba	557	37.5	556	37.5	-	-	130	8.8	-	-	241	16.2	1,484
Kusini Pemba	1,338	26.3	2,755	54.2	142	2.8	-	-	-	-	845	16.6	5,080
<b>Tanzania Zanzibar</b>	<b>3,357</b>	<b>20.7</b>	<b>6,510</b>	<b>40.2</b>	<b>1,019</b>	<b>6.3</b>	<b>2,169</b>	<b>13.4</b>	<b>1,070</b>	<b>6.6</b>	<b>2,076</b>	<b>12.8</b>	<b>16,201</b>
<b>Tanzania</b>	<b>187,365</b>	<b>21.4</b>	<b>184,505</b>	<b>21.1</b>	<b>96,356</b>	<b>11.0</b>	<b>82,029</b>	<b>9.4</b>	<b>102,589</b>	<b>11.7</b>	<b>222,713</b>	<b>25.4</b>	<b>875,557</b>

## **LIVESTOCK EXTENSION SERVICES**

**Table 4.109: Number and Percentage of Agricultural Households Received Extension Advice for Livestock Production by Region During 2019/20 Agricultural Year, Tanzania**

Region	Received Extension Advice		Did Not Received Extension Advice		Total
	Number	Percent	Number	Percent	
Dodoma	10,688	5.5	182,647	94.5	193,335
Arusha	12,054	6.8	166,458	93.2	178,512
Kilimanjaro	16,619	9.3	161,254	90.7	177,873
Tanga	15,325	12.3	109,545	87.7	124,870
Morogoro	6,742	11.7	51,091	88.3	57,833
Pwani	4,001	15.6	21,585	84.4	25,586
Dar es Salaam	21,586	20.7	82,657	79.3	104,243
Lindi	967	6.4	14,045	93.6	15,012
Mtwara	3,416	16.0	17,976	84.0	21,392
Ruvuma	10,753	12.2	77,733	87.8	88,486
Iringa	5,600	13.9	34,627	86.1	40,227
Mbeya	23,335	15.2	130,349	84.8	153,684
Singida	6,287	4.5	133,737	95.5	140,024
Tabora	9,993	6.9	135,673	93.1	145,666
Rukwa	11,847	12.5	83,273	87.5	95,120
Kigoma	6,807	12.5	47,460	87.5	54,267
Shinyanga	5,717	5.9	91,119	94.1	96,836
Kagera	16,244	11.4	126,238	88.6	142,482
Mwanza	8,761	5.6	147,820	94.4	156,581
Mara	4,470	3.6	121,144	96.4	125,614
Manyara	5,359	3.0	171,373	97.0	176,732
Njombe	7,032	16.7	35,061	83.3	42,093
Katavi	850	3.7	21,823	96.3	22,673
Simiyu	7,239	7.6	87,728	92.4	94,967
Geita	5,665	6.4	82,167	93.6	87,832
Songwe	17,262	14.2	104,253	85.8	121,515
<b>Mainland Tanzania</b>	<b>244,619</b>	<b>9.1</b>	<b>2,438,836</b>	<b>90.9</b>	<b>2,683,455</b>
Kaskazini Unguja	349	4.2	7,945	95.8	8,294
Kusini Unguja	1,147	15.4	6,320	84.6	7,467
Mjini Magharibi	1,251	13.3	8,145	86.7	9,396
Kaskazini Pemba	1,584	10.3	13,828	89.7	15,412
Kusini Pemba	1,818	7.6	22,069	92.4	23,887
<b>Tanzania Zanzibar</b>	<b>6,149</b>	<b>9.5</b>	<b>58,307</b>	<b>90.5</b>	<b>64,456</b>
<b>Tanzania</b>	<b>250,768</b>	<b>9.1</b>	<b>2,497,143</b>	<b>90.9</b>	<b>2,747,911</b>

**Table 4.110: Number and Percentage of Agricultural Households Reported the Source of Livestock Extension by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	33,778	86.3	-	-	1,817	4.6	-	-	3,537	9.0	-	-	39,132
Arusha	38,922	82.9	1,114	2.4	289	0.6	556	1.2	6,070	12.9	-	-	46,951
Kilimanjaro	47,530	71.2	3,093	4.6	459	0.7	624	0.9	12,497	18.7	2,525	3.8	66,728
Tanga	49,307	87.0	1,999	3.5	-	-	1,314	2.3	3,815	6.7	216	0.4	56,651
Morogoro	20,219	74.8	505	1.9	599	2.2	951	3.5	4,742	17.6	-	-	27,016
Pwani	8,409	55.7	83	0.6	-	-	1,011	6.7	5,584	37.0	-	-	15,087
Dar es Salaam	12,392	18.0	14,323	20.8	-	-	4,005	5.8	38,254	55.5	-	-	68,974
Lindi	1,490	100.0	-	-	-	-	-	-	-	-	-	-	1,490
Mtwara	8,387	85.1	756	7.7	-	-	-	-	712	7.2	-	-	9,855
Ruvuma	43,956	87.5	757	1.5	2,913	5.8	288	0.6	2,330	4.6	-	-	50,244
Iringa	9,741	40.0	1,230	5.0	398	1.6	164	0.7	11,682	47.9	1,163	4.8	24,378
Mbeya	54,374	70.6	5,655	7.3	1,109	1.4	-	-	15,334	19.9	529	0.7	77,001
Singida	12,435	69.1	2,350	13.0	-	-	95	0.5	456	2.5	2,672	14.8	18,008
Tabora	34,437	95.9	1,115	3.1	229	0.6	-	-	147	0.4	-	-	35,928
Rukwa	46,144	87.1	1,748	3.3	170	0.3	1,400	2.6	613	1.2	2,925	5.5	53,000
Kigoma	19,272	96.6	466	2.3	-	-	-	-	207	1.0	-	-	19,945
Shinyanga	19,238	92.6	300	1.4	267	1.3	-	-	777	3.7	188	0.9	20,770
Kagera	50,209	83.4	4,423	7.3	-	-	-	-	5,563	9.2	-	-	60,195
Mwanza	22,551	74.2	1,457	4.8	777	2.6	-	-	5,598	18.4	-	-	30,383
Mara	11,637	83.2	497	3.6	314	2.2	857	6.1	684	4.9	-	-	13,989
Manyara	9,536	57.5	2,806	16.9	2,324	14.0	93	0.6	1,820	11.0	-	-	16,579
Njombe	41,080	99.6	-	-	-	-	-	-	176	0.4	-	-	41,256
Katavi	3,370	100.0	-	-	-	-	-	-	-	-	-	-	3,370
Simiyu	17,153	68.6	2,018	8.1	-	-	-	-	4,936	19.8	880	3.5	24,987
Geita	18,237	92.8	-	-	-	-	-	-	1,425	7.2	-	-	19,662
Songwe	63,702	91.8	894	1.3	-	-	237	0.3	4,523	6.5	-	-	69,356
Mainland Tanzania	697,506	76.6	47,589	5.2	11,665	1.3	11,595	1.3	131,482	14.4	11,098	1.2	910,935
Kaskazini Unguja	574	60.3	-	-	-	-	-	-	378	39.7	-	-	952
Kusini Unguja	1,934	78.1	-	-	276	11.1	55	2.2	212	8.6	-	-	2,477
Mjini Magharibi	1,998	57.7	290	8.4	-	-	-	-	613	17.7	562	16.2	3,463
Kaskazini Pemba	2,845	82.6	-	-	-	-	268	7.8	333	9.7	-	-	3,446
Kusini Pemba	6,546	91.2	-	-	-	-	320	4.5	310	4.3	-	-	7,176
Tanzania Zanzibar	13,897	79.3	290	1.7	276	1.6	643	3.7	1,846	10.5	562	3.2	17,514
Tanzania	711,403	76.6	47,879	5.2	11,941	1.3	12,238	1.3	133,328	14.4	11,660	1.3	928,449

**Table 4.111: Number and Percentage of Agricultural Households Reported to Receive Advice on Feeds and Proper Feeding by Source and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	3,853	86.7	-	-	-	-	-	-	589	13.3	-	-	4,442
Arusha	5,504	79.2	-	-	95	1.4	326	4.7	1,024	14.7	-	-	6,949
Kilimanjaro	7,171	72.8	279	2.8	-	-	-	-	2,101	21.3	299	3.0	9,850
Tanga	4,153	68.2	659	10.8	-	-	258	4.2	1,022	16.8	-	-	6,092
Morogoro	3,360	75.0	252	5.6	-	-	173	3.9	697	15.6	-	-	4,482
Pwani	975	47.2	-	-	-	-	253	12.3	836	40.5	-	-	2,064
Dar es Salaam	5,018	30.5	1,471	8.9	-	-	1,342	8.2	8,617	52.4	-	-	16,448
Lindi	379	100.0	-	-	-	-	-	-	-	-	-	-	379
Mtwara	1,217	95.8	54	4.2	-	-	-	-	-	-	-	-	1,271
Ruvuma	5,151	88.8	-	-	267	4.6	-	-	380	6.6	-	-	5,798
Iringa	712	27.3	615	23.6	-	-	-	-	780	30.0	497	19.1	2,604
Mbeya	8,165	66.0	715	5.8	222	1.8	-	-	3,059	24.7	219	1.8	12,380
Singida	2,291	71.9	294	9.2	-	-	-	-	-	-	601	18.9	3,186
Tabora	3,046	86.6	325	9.2	-	-	-	-	147	4.2	-	-	3,518
Rukwa	4,229	87.7	-	-	-	-	-	-	93	1.9	502	10.4	4,824
Kigoma	2,443	92.2	-	-	-	-	-	-	207	7.8	-	-	2,650
Shinyanga	2,795	89.8	-	-	-	-	-	-	318	10.2	-	-	3,113
Kagera	6,411	73.2	1,203	13.7	-	-	-	-	1,139	13.0	-	-	8,753
Mwanza	1,839	51.4	160	4.5	-	-	-	-	1,578	44.1	-	-	3,577
Mara	1,648	77.8	166	7.8	-	-	161	7.6	142	6.7	-	-	2,117
Manyara	1,745	68.6	373	14.7	332	13.1	-	-	93	3.7	-	-	2,543
Njombe	5,328	96.8	-	-	-	-	-	-	176	3.2	-	-	5,504
Katavi	217	100.0	-	-	-	-	-	-	-	-	-	-	217
Simiyu	1,485	70.1	161	7.6	-	-	-	-	472	22.3	-	-	2,118
Geita	754	100.0	-	-	-	-	-	-	-	-	-	-	754
Songwe	9,879	90.4	335	3.1	-	-	-	-	713	6.5	-	-	10,927
Mainland Tanzania	89,768	70.9	7,062	5.6	916	0.7	2,513	2.0	24,183	19.1	2,118	1.7	126,560
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	121	52.4	-	-	55	23.8	-	-	55	23.8	-	-	231
Mjini Magharibi	135	23.8	290	51.1	-	-	-	-	87	15.3	56	9.9	568
Kaskazini Pemba	594	73.8	-	-	-	-	-	-	211	26.2	-	-	805
Kusini Pemba	565	64.6	-	-	-	-	-	-	310	35.4	-	-	875
Tanzania Zanzibar	1,415	57.1	290	11.7	55	2.2	-	-	663	26.7	56	2.3	2,479
Tanzania	91,183	70.7	7,352	5.7	971	0.8	2,513	1.9	24,846	19.3	2,174	1.7	129,039

**Table 4.112: Number and Percentage of Agricultural Households Reported to Receive Advice on Housing by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	3,807	73.0	-	-	816	15.7	-	-	589	11.3	-	-	5,212
Arusha	4,289	76.5	182	3.2	95	1.7	-	-	1,038	18.5	-	-	5,604
Kilimanjaro	5,590	68.7	929	11.4	-	-	98	1.2	1,523	18.7	-	-	8,140
Tanga	6,435	89.3	313	4.3	-	-	-	-	245	3.4	216	3.0	7,209
Morogoro	2,610	82.6	-	-	-	-	-	-	550	17.4	-	-	3,160
Pwani	741	60.1	-	-	-	-	253	20.5	239	19.4	-	-	1,233
Dar es Salaam	1,767	25.1	1,471	20.9	-	-	-	-	3,791	53.9	-	-	7,029
Lindi	523	100.0	-	-	-	-	-	-	-	-	-	-	523
Mtwara	1,003	68.8	199	13.7	-	-	-	-	255	17.5	-	-	1,457
Ruvuma	4,966	88.5	-	-	267	4.8	-	-	380	6.8	-	-	5,613
Iringa	1,067	34.0	126	4.0	-	-	164	5.2	1,449	46.2	333	10.6	3,139
Mbeya	6,275	67.8	523	5.6	222	2.4	-	-	2,241	24.2	-	-	9,261
Singida	1,087	75.0	-	-	-	-	-	-	-	-	362	25.0	1,449
Tabora	2,748	100.0	-	-	-	-	-	-	-	-	-	-	2,748
Rukwa	2,969	64.3	352	7.6	-	-	-	-	93	2.0	1,205	26.1	4,619
Kigoma	1,487	86.5	233	13.5	-	-	-	-	-	-	-	-	1,720
Shinyanga	2,220	100.0	-	-	-	-	-	-	-	-	-	-	2,220
Kagera	6,210	76.4	805	9.9	-	-	-	-	1,117	13.7	-	-	8,132
Mwanza	716	30.6	-	-	777	33.2	-	-	845	36.1	-	-	2,338
Mara	930	71.9	-	-	-	-	222	17.2	142	11.0	-	-	1,294
Manyara	799	52.0	243	15.8	332	21.6	-	-	164	10.7	-	-	1,538
Njombe	4,887	100.0	-	-	-	-	-	-	-	-	-	-	4,887
Katavi	217	100.0	-	-	-	-	-	-	-	-	-	-	217
Simiyu	1,028	58.8	161	9.2	-	-	-	-	312	17.8	247	14.1	1,748
Geita	980	100.0	-	-	-	-	-	-	-	-	-	-	980
Songwe	6,406	87.5	-	-	-	-	-	-	918	12.5	-	-	7,324
Mainland Tanzania	71,757	72.6	5,537	5.6	2,509	2.5	737	0.7	15,891	16.1	2,363	2.4	98,794
Kaskazini Unguja	116	69.5	-	-	-	-	-	-	51	30.5	-	-	167
Kusini Unguja	109	49.8	-	-	55	25.1	55	25.1	-	-	-	-	219
Mjini Magharibi	135	48.6	-	-	-	-	-	-	87	31.3	56	20.1	278
Kaskazini Pemba	176	100.0	-	-	-	-	-	-	-	-	-	-	176
Kusini Pemba	599	78.9	-	-	-	-	160	21.1	-	-	-	-	759
Tanzania Zanzibar	1,135	71.0	-	-	55	3.4	215	13.4	138	8.6	56	3.5	1,599
Tanzania	72,892	72.6	5,537	5.5	2,564	2.6	952	0.9	16,029	16.0	2,419	2.4	100,393



**Table 4.113: Number and Percentage of Agricultural Households Reported to Receive Advice on Proper Milking and Milk Hygiene by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,899	85.3	-	-	327	14.7	-	-	-	-	-	-	2,226
Arusha	2,951	76.0	96	2.5	98	2.5	-	-	737	19.0	-	-	3,882
Kilimanjaro	5,166	74.6	131	1.9	-	-	-	-	1,328	19.2	299	4.3	6,924
Tanga	4,866	85.0	156	2.7	-	-	258	4.5	442	7.7	-	-	5,722
Morogoro	1,862	82.2	-	-	-	-	257	11.3	147	6.5	-	-	2,266
Pwani	443	54.7	-	-	-	-	-	-	367	45.3	-	-	810
Dar es Salaam	-	-	-	-	-	-	-	-	2,746	100.0	-	-	2,746
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	238	54.5	199	45.5	-	-	-	-	-	-	-	-	437
Ruvuma	3,864	93.1	-	-	-	-	-	-	288	6.9	-	-	4,152
Iringa	675	44.4	-	-	-	-	-	-	844	55.6	-	-	1,519
Mbeya	4,423	70.2	652	10.4	222	3.5	-	-	1,002	15.9	-	-	6,299
Singida	636	68.4	294	31.6	-	-	-	-	-	-	-	-	930
Tabora	1,455	100.0	-	-	-	-	-	-	-	-	-	-	1,455
Rukwa	1,475	89.7	-	-	170	10.3	-	-	-	-	-	-	1,645
Kigoma	1,025	100.0	-	-	-	-	-	-	-	-	-	-	1,025
Shinyanga	1,637	94.3	-	-	99	5.7	-	-	-	-	-	-	1,736
Kagera	4,739	86.5	-	-	-	-	-	-	741	13.5	-	-	5,480
Mwanza	1,315	82.2	-	-	-	-	-	-	284	17.8	-	-	1,599
Mara	835	83.4	-	-	166	16.6	-	-	-	-	-	-	1,001
Manyara	1,414	90.4	150	9.6	-	-	-	-	-	-	-	-	1,564
Njombe	3,210	100.0	-	-	-	-	-	-	-	-	-	-	3,210
Katavi	217	100.0	-	-	-	-	-	-	-	-	-	-	217
Simiyu	1,784	84.7	161	7.6	-	-	-	-	161	7.6	-	-	2,106
Geita	1,379	100.0	-	-	-	-	-	-	-	-	-	-	1,379
Songwe	6,110	96.5	-	-	-	-	-	-	222	3.5	-	-	6,332
Mainland Tanzania	53,618	80.4	1,839	2.8	1,082	1.6	515	0.8	9,309	14.0	299	0.4	66,662
Kaskazini Unguja	67	56.8	-	-	-	-	-	-	51	43.2	-	-	118
Kusini Unguja	115	67.6	-	-	55	32.4	-	-	-	-	-	-	170
Mjini Magharibi	92	62.2	-	-	-	-	-	-	-	-	56	37.8	148
Kaskazini Pemba	326	60.7	-	-	-	-	89	16.6	122	22.7	-	-	537
Kusini Pemba	820	100.0	-	-	-	-	-	-	-	-	-	-	820
Tanzania Zanzibar	1,420	79.2	-	-	55	3.1	89	5.0	173	9.6	56	3.1	1,793
Tanzania	55,038	80.4	1,839	2.7	1,137	1.7	604	0.9	9,482	13.9	355	0.5	68,455

**Table 4.114: Number and Percentage of Agricultural Households Reported to Receive Advice on Livestock Fattening by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,568	72.7	-	-	-	-	-	-	589	27.3	-	-	2,157
Arusha	2,653	83.5	127	4.0	-	-	-	-	398	12.5	-	-	3,178
Kilimanjaro	5,861	78.6	131	1.8	-	-	-	-	1,469	19.7	-	-	7,461
Tanga	4,158	82.9	158	3.1	-	-	258	5.1	442	8.8	-	-	5,016
Morogoro	2,151	83.3	-	-	-	-	173	6.7	257	10.0	-	-	2,581
Pwani	699	52.6	-	-	-	-	-	-	630	47.4	-	-	1,329
Dar es Salaam	805	9.1	-	-	-	-	-	-	8,041	90.9	-	-	8,846
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	665	72.5	252	27.5	-	-	-	-	-	-	-	-	917
Ruvuma	3,861	85.6	-	-	267	5.9	-	-	380	8.4	-	-	4,508
Iringa	659	29.9	371	16.8	-	-	-	-	1,175	53.3	-	-	2,205
Mbeya	5,832	76.8	267	3.5	222	2.9	-	-	1,269	16.7	-	-	7,590
Singida	1,739	68.5	294	11.6	-	-	-	-	239	9.4	268	10.6	2,540
Tabora	2,619	94.3	158	5.7	-	-	-	-	-	-	-	-	2,777
Rukwa	4,370	82.7	-	-	-	-	540	10.2	-	-	375	7.1	5,285
Kigoma	1,125	100.0	-	-	-	-	-	-	-	-	-	-	1,125
Shinyanga	2,065	92.0	-	-	-	-	-	-	180	8.0	-	-	2,245
Kagera	2,053	78.1	404	15.4	-	-	-	-	171	6.5	-	-	2,628
Mwanza	1,830	71.7	284	11.1	-	-	-	-	439	17.2	-	-	2,553
Mara	1,106	84.7	-	-	-	-	-	-	200	15.3	-	-	1,306
Manyara	1,049	47.2	243	10.9	-	-	-	-	929	41.8	-	-	2,221
Njombe	3,352	100.0	-	-	-	-	-	-	-	-	-	-	3,352
Katavi	106	100.0	-	-	-	-	-	-	-	-	-	-	106
Simiyu	1,739	73.3	161	6.8	-	-	-	-	472	19.9	-	-	2,372
Geita	2,001	92.4	-	-	-	-	-	-	164	7.6	-	-	2,165
Songwe	7,278	91.1	-	-	-	-	-	-	713	8.9	-	-	7,991
Mainland Tanzania	61,344	72.6	2,850	3.4	489	0.6	971	1.1	18,157	21.5	643	0.8	84,454
Kaskazini Unguja	-	-	-	-	-	-	-	-	49	100.0	-	-	49
Kusini Unguja	-	-	-	-	55	100.0	-	-	-	-	-	-	55
Mjini Magharibi	92	38.8	-	-	-	-	-	-	89	37.6	56	23.6	237
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	449	100.0	-	-	-	-	-	-	-	-	-	-	449
Tanzania Zanzibar	541	68.5	-	-	55	7.0	-	-	138	17.5	56	7.1	790
Tanzania	61,885	72.6	2,850	3.3	544	0.6	971	1.1	18,295	21.5	699	0.8	85,244

**Table 4.115: Number and Percentage of Agricultural Households Reported to Receive Advice on Disease Control by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	6,470	87.6	-	-	327	4.4	-	-	589	8.0	-	-	7,386
Arusha	5,350	90.9	-	-	-	-	-	-	538	9.1	-	-	5,888
Kilimanjaro	6,846	67.6	279	2.8	-	-	98	1.0	1,672	16.5	1,231	12.2	10,126
Tanga	8,761	78.6	325	2.9	-	-	540	4.8	1,523	13.7	-	-	11,149
Morogoro	2,477	75.3	252	7.7	-	-	-	-	559	17.0	-	-	3,288
Pwani	2,483	71.3	-	-	-	-	-	-	1,001	28.7	-	-	3,484
Dar es Salaam	2,386	18.2	2,981	22.8	-	-	929	7.1	6,786	51.9	-	-	13,082
Lindi	250	100.0	-	-	-	-	-	-	-	-	-	-	250
Mtwara	1,923	86.2	54	2.4	-	-	-	-	255	11.4	-	-	2,232
Ruvuma	6,023	85.4	380	5.4	267	3.8	-	-	380	5.4	-	-	7,050
Iringa	2,268	54.6	-	-	126	3.0	-	-	1,427	34.4	333	8.0	4,154
Mbeya	12,733	74.1	1,176	6.8	222	1.3	-	-	2,743	16.0	310	1.8	17,184
Singida	1,993	62.3	294	9.2	-	-	95	3.0	218	6.8	601	18.8	3,201
Tabora	7,622	98.0	158	2.0	-	-	-	-	-	-	-	-	7,780
Rukwa	8,456	89.8	-	-	-	-	243	2.6	-	-	718	7.6	9,417
Kigoma	4,333	100.0	-	-	-	-	-	-	-	-	-	-	4,333
Shinyanga	3,284	94.8	-	-	-	-	-	-	180	5.2	-	-	3,464
Kagera	11,277	88.6	895	7.0	-	-	-	-	563	4.4	-	-	12,735
Mwanza	5,059	80.9	284	4.5	-	-	-	-	909	14.5	-	-	6,252
Mara	1,784	84.3	166	7.8	-	-	166	7.8	-	-	-	-	2,116
Manyara	1,108	54.1	402	19.6	332	16.2	-	-	205	10.0	-	-	2,047
Njombe	5,833	100.0	-	-	-	-	-	-	-	-	-	-	5,833
Katavi	693	100.0	-	-	-	-	-	-	-	-	-	-	693
Simiyu	3,738	69.4	161	3.0	-	-	-	-	1,015	18.8	472	8.8	5,386
Geita	2,950	80.7	-	-	-	-	-	-	706	19.3	-	-	3,656
Songwe	10,288	92.0	-	-	-	-	-	-	900	8.0	-	-	11,188
Mainland Tanzania	126,388	77.4	7,807	4.8	1,274	0.8	2,071	1.3	22,169	13.6	3,665	2.2	163,374
Kaskazini Unguja	171	49.0	-	-	-	-	-	-	178	51.0	-	-	349
Kusini Unguja	836	84.3	-	-	-	-	-	-	156	15.7	-	-	992
Mjini Magharibi	472	71.5	-	-	-	-	-	-	132	20.0	56	8.5	660
Kaskazini Pemba	952	100.0	-	-	-	-	-	-	-	-	-	-	952
Kusini Pemba	887	84.7	-	-	-	-	160	15.3	-	-	-	-	1,047
Tanzania Zanzibar	3,318	83.0	-	-	-	-	160	4.0	466	11.7	56	1.4	4,000
Tanzania	129,706	77.5	7,807	4.7	1,274	0.8	2,231	1.3	22,635	13.5	3,721	2.2	167,374

**Table 4.116: Number and Percentage of Agricultural Households Reported to Receive Advice on Flock Size and Selection by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,722	100.0	-	-	-	-	-	-	-	-	-	-	1,722
Arusha	2,489	82.4	-	-	-	-	230	7.6	302	10.0	-	-	3,021
Kilimanjaro	2,883	65.4	131	3.0	177	4.0	-	-	1,122	25.4	98	2.2	4,411
Tanga	3,073	100.0	-	-	-	-	-	-	-	-	-	-	3,073
Morogoro	427	62.4	-	-	-	-	-	-	257	37.6	-	-	684
Pwani	225	40.1	83	14.8	-	-	253	45.1	-	-	-	-	561
Dar es Salaam	805	16.5	1,471	30.1	-	-	-	-	2,610	53.4	-	-	4,886
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	359	100.0	-	-	-	-	-	-	-	-	-	-	359
Ruvuma	2,081	88.6	-	-	267	11.4	-	-	-	-	-	-	2,348
Iringa	659	56.7	-	-	-	-	-	-	503	43.3	-	-	1,162
Mbeya	1,896	63.2	267	8.9	-	-	-	-	835	27.9	-	-	2,998
Singida	345	100.0	-	-	-	-	-	-	-	-	-	-	345
Tabora	1,979	100.0	-	-	-	-	-	-	-	-	-	-	1,979
Rukwa	4,116	96.8	-	-	-	-	136	3.2	-	-	-	-	4,252
Kigoma	233	100.0	-	-	-	-	-	-	-	-	-	-	233
Shinyanga	1,205	80.1	300	19.9	-	-	-	-	-	-	-	-	1,505
Kagera	1,362	74.0	308	16.7	-	-	-	-	171	9.3	-	-	1,841
Mwanza	1,166	78.1	-	-	-	-	-	-	327	21.9	-	-	1,493
Mara	332	100.0	-	-	-	-	-	-	-	-	-	-	332
Manyara	254	30.6	243	29.3	332	40.0	-	-	-	-	-	-	829
Njombe	1,694	100.0	-	-	-	-	-	-	-	-	-	-	1,694
Katavi	217	100.0	-	-	-	-	-	-	-	-	-	-	217
Simiyu	945	59.9	161	10.2	-	-	-	-	472	29.9	-	-	1,578
Geita	1,475	100.0	-	-	-	-	-	-	-	-	-	-	1,475
Songwe	2,409	83.2	-	-	-	-	-	-	485	16.8	-	-	2,894
Mainland Tanzania	34,351	74.9	2,964	6.5	776	1.7	619	1.3	7,084	15.4	98	0.2	45,892
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	42	100.0	-	-	-	-	-	-	-	-	-	-	42
Mjini Magharibi	92	48.2	-	-	-	-	-	-	43	22.5	56	29.3	191
Kaskazini Pemba	79	100.0	-	-	-	-	-	-	-	-	-	-	79
Kusini Pemba	715	100.0	-	-	-	-	-	-	-	-	-	-	715
Tanzania Zanzibar	928	90.4	-	-	-	-	-	-	43	4.2	56	5.5	1,027
Tanzania	35,279	75.2	2,964	6.3	776	1.7	619	1.3	7,127	15.2	154	0.3	46,919

**Table 4.117: Number and Percentage of Agricultural Households Reported to Receive Advice on Livestock Keeping Based on Carrying Capacity by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	2,541	81.2	-	-	-	-	-	-	589	18.8	-	-	3,130
Arusha	2,516	90.1	-	-	-	-	-	-	278	9.9	-	-	2,794
Kilimanjaro	2,144	57.7	148	4.0	-	-	162	4.4	1,259	33.9	-	-	3,713
Tanga	2,830	100.0	-	-	-	-	-	-	-	-	-	-	2,830
Morogoro	2,758	87.2	-	-	-	-	-	-	404	12.8	-	-	3,162
Pwani	818	60.0	-	-	-	-	-	-	546	40.0	-	-	1,364
Dar es Salaam	805	13.2	2,981	49.0	-	-	-	-	2,300	37.8	-	-	6,086
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	555	100.0	-	-	-	-	-	-	-	-	-	-	555
Ruvuma	1,809	81.5	-	-	267	12.0	-	-	144	6.5	-	-	2,220
Iringa	896	47.1	-	-	-	-	-	-	1,008	52.9	-	-	1,904
Mbeya	2,706	71.8	523	13.9	-	-	-	-	542	14.4	-	-	3,771
Singida	937	77.8	-	-	-	-	-	-	-	-	268	22.2	1,205
Tabora	2,524	86.7	158	5.4	229	7.9	-	-	-	-	-	-	2,911
Rukwa	4,528	90.5	352	7.0	-	-	-	-	-	-	124	2.5	5,004
Kigoma	2,163	100.0	-	-	-	-	-	-	-	-	-	-	2,163
Shinyanga	1,110	80.6	-	-	168	12.2	-	-	99	7.2	-	-	1,377
Kagera	3,581	82.9	-	-	-	-	-	-	741	17.1	-	-	4,322
Mwanza	1,818	70.2	444	17.1	-	-	-	-	327	12.6	-	-	2,589
Mara	1,005	100.0	-	-	-	-	-	-	-	-	-	-	1,005
Manyara	254	30.6	150	18.1	332	40.0	93	11.2	-	-	-	-	829
Njombe	2,472	100.0	-	-	-	-	-	-	-	-	-	-	2,472
Katavi	222	100.0	-	-	-	-	-	-	-	-	-	-	222
Simiyu	990	61.0	161	9.9	-	-	-	-	472	29.1	-	-	1,623
Geita	2,123	90.4	-	-	-	-	-	-	226	9.6	-	-	2,349
Songwe	3,477	100.0	-	-	-	-	-	-	-	-	-	-	3,477
Mainland Tanzania	47,582	75.4	4,917	7.8	996	1.6	255	0.4	8,935	14.2	392	0.6	63,077
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	160	100.0	-	-	-	-	-	-	-	-	-	-	160
Mjini Magharibi	135	48.6	-	-	-	-	-	-	87	31.3	56	20.1	278
Kaskazini Pemba	122	100.0	-	-	-	-	-	-	-	-	-	-	122
Kusini Pemba	565	100.0	-	-	-	-	-	-	-	-	-	-	565
Tanzania Zanzibar	982	87.3	-	-	-	-	-	-	87	7.7	56	5.0	1,125
Tanzania	48,564	75.6	4,917	7.7	996	1.6	255	0.4	9,022	14.1	448	0.7	64,202

**Table 4.118: Number and Percentage of Agricultural Households Reported to Receive Advice on Pasture Establishment by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	2,541	88.0	-	-	348	12.0	-	-	-	-	-	-	2,889
Arusha	1,807	90.7	-	-	-	-	-	-	186	9.3	-	-	1,993
Kilimanjaro	1,452	64.2	148	6.5	-	-	-	-	660	29.2	-	-	2,260
Tanga	1,082	100.0	-	-	-	-	-	-	-	-	-	-	1,082
Morogoro	164	39.0	-	-	-	-	-	-	257	61.0	-	-	421
Pwani	128	33.6	-	-	-	-	253	66.4	-	-	-	-	381
Dar es Salaam	-	-	-	-	-	-	-	-	1,062	100.0	-	-	1,062
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	255	100.0	-	-	-	-	-	-	-	-	-	-	255
Ruvuma	1,253	100.0	-	-	-	-	-	-	-	-	-	-	1,253
Iringa	126	27.1	-	-	-	-	-	-	339	72.9	-	-	465
Mbeya	360	37.3	267	27.7	-	-	-	-	337	35.0	-	-	964
Singida	380	100.0	-	-	-	-	-	-	-	-	-	-	380
Tabora	1,061	87.0	158	13.0	-	-	-	-	-	-	-	-	1,219
Rukwa	1,737	100.0	-	-	-	-	-	-	-	-	-	-	1,737
Kigoma	492	100.0	-	-	-	-	-	-	-	-	-	-	492
Shinyanga	622	100.0	-	-	-	-	-	-	-	-	-	-	622
Kagera	1,594	90.0	-	-	-	-	-	-	178	10.0	-	-	1,772
Mwanza	1,166	78.1	-	-	-	-	-	-	327	21.9	-	-	1,493
Mara	168	100.0	-	-	-	-	-	-	-	-	-	-	168
Manyara	561	69.8	243	30.2	-	-	-	-	-	-	-	-	804
Njombe	2,928	100.0	-	-	-	-	-	-	-	-	-	-	2,928
Katavi	111	100.0	-	-	-	-	-	-	-	-	-	-	111
Simiyu	990	67.7	161	11.0	-	-	-	-	312	21.3	-	-	1,463
Geita	311	100.0	-	-	-	-	-	-	-	-	-	-	311
Songwe	1,926	87.3	280	12.7	-	-	-	-	-	-	-	-	2,206
Mainland Tanzania	23,215	80.8	1,257	4.4	348	1.2	253	0.9	3,658	12.7	-	-	28,731
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	43	43.4	-	-	-	-	-	-	-	-	56	56.6	99
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	449	100.0	-	-	-	-	-	-	-	-	-	-	449
Tanzania Zanzibar	492	89.8	-	-	-	-	-	-	-	-	56	10.2	548
Tanzania	23,707	81.0	1,257	4.3	348	1.2	253	0.9	3,658	12.5	56	0.2	29,279

**Table 4.119: Number and Percentage of Agricultural Households Reported to Receive Advice on Group Formation and Strengthening by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	278	100.0	-	-	-	-	-	-	-	-	-	-	278
Arusha	1,568	94.5	-	-	-	-	-	-	92	5.5	-	-	1,660
Kilimanjaro	1,075	58.1	195	10.5	283	15.3	-	-	298	16.1	-	-	1,851
Tanga	934	80.1	232	19.9	-	-	-	-	-	-	-	-	1,166
Morogoro	654	48.9	-	-	426	31.9	-	-	257	19.2	-	-	1,337
Pwani	567	56.6	-	-	-	-	-	-	435	43.4	-	-	1,002
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	104	100.0	-	-	-	-	-	-	-	-	-	-	104
Ruvuma	2,195	74.5	225	7.6	528	17.9	-	-	-	-	-	-	2,948
Iringa	511	44.0	-	-	146	12.6	-	-	505	43.5	-	-	1,162
Mbeya	725	52.3	267	19.3	-	-	-	-	394	28.4	-	-	1,386
Singida	141	100.0	-	-	-	-	-	-	-	-	-	-	141
Tabora	1,090	100.0	-	-	-	-	-	-	-	-	-	-	1,090
Rukwa	1,221	77.6	352	22.4	-	-	-	-	-	-	-	-	1,573
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	466	100.0	-	-	-	-	-	-	-	-	-	-	466
Kagera	401	69.3	-	-	-	-	-	-	178	30.7	-	-	579
Mwanza	546	62.5	-	-	-	-	-	-	327	37.5	-	-	873
Mara	352	70.4	-	-	148	29.6	-	-	-	-	-	-	500
Manyara	150	23.7	150	23.7	332	52.5	-	-	-	-	-	-	632
Njombe	322	100.0	-	-	-	-	-	-	-	-	-	-	322
Katavi	111	100.0	-	-	-	-	-	-	-	-	-	-	111
Simiyu	619	60.0	413	40.0	-	-	-	-	-	-	-	-	1,032
Geita	-	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	842	100.0	-	-	-	-	-	-	-	-	-	-	842
Mainland Tanzania	14,872	70.6	1,834	8.7	1,863	8.8	-	-	2,486	11.8	-	-	21,055
Kaskazini Unguja	-	-	-	-	-	-	-	-	49	100.0	-	-	49
Kusini Unguja	-	-	-	-	55	100.0	-	-	-	-	-	-	55
Mjini Magharibi	100	69.9	-	-	-	-	-	-	43	30.1	-	-	143
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	300	100.0	-	-	-	-	-	-	-	-	-	-	300
Tanzania Zanzibar	400	73.1	-	-	55	10.1	-	-	92	16.8	-	-	547
Tanzania	15,272	70.7	1,834	8.5	1,918	8.9	-	-	2,578	11.9	-	-	21,602

**Table 4.120: Number and Percentage of Agricultural Households Reported to Receive Advice on Calf Rearing by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	2,513	81.0	-	-	-	-	-	-	589	19.0	-	-	3,102
Arusha	3,278	79.8	241	5.9	-	-	-	-	591	14.4	-	-	4,110
Kilimanjaro	3,743	82.3	131	2.9	-	-	-	-	674	14.8	-	-	4,548
Tanga	4,213	93.4	156	3.5	-	-	-	-	142	3.1	-	-	4,511
Morogoro	1,572	68.5	-	-	-	-	173	7.5	550	24.0	-	-	2,295
Pwani	189	44.2	-	-	-	-	-	-	239	55.8	-	-	428
Dar es Salaam	805	19.3	2,439	58.4	-	-	929	22.3	-	-	-	-	4,173
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	845	80.7	-	-	-	-	-	-	202	19.3	-	-	1,047
Ruvuma	2,949	88.0	-	-	261	7.8	-	-	141	4.2	-	-	3,351
Iringa	269	17.9	118	7.8	-	-	-	-	1,119	74.3	-	-	1,506
Mbeya	3,338	70.2	460	9.7	-	-	-	-	955	20.1	-	-	4,753
Singida	141	32.4	294	67.6	-	-	-	-	-	-	-	-	435
Tabora	2,393	100.0	-	-	-	-	-	-	-	-	-	-	2,393
Rukwa	2,229	92.9	170	7.1	-	-	-	-	-	-	-	-	2,399
Kigoma	1,247	100.0	-	-	-	-	-	-	-	-	-	-	1,247
Shinyanga	907	100.0	-	-	-	-	-	-	-	-	-	-	907
Kagera	4,264	88.3	-	-	-	-	-	-	563	11.7	-	-	4,827
Mwanza	1,511	100.0	-	-	-	-	-	-	-	-	-	-	1,511
Mara	1,150	94.2	-	-	-	-	71	5.8	-	-	-	-	1,221
Manyara	332	47.0	150	21.2	-	-	-	-	224	31.7	-	-	706
Njombe	3,237	100.0	-	-	-	-	-	-	-	-	-	-	3,237
Katavi	111	100.0	-	-	-	-	-	-	-	-	-	-	111
Simiyu	815	63.3	161	12.5	-	-	-	-	312	24.2	-	-	1,288
Geita	2,488	100.0	-	-	-	-	-	-	-	-	-	-	2,488
Songwe	3,941	82.2	280	5.8	-	-	237	4.9	335	7.0	-	-	4,793
Mainland Tanzania	48,480	79.0	4,600	7.5	261	0.4	1,410	2.3	6,636	10.8	-	-	61,387
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	376	100.0	-	-	-	-	-	-	-	-	-	-	376
Mjini Magharibi	435	81.2	-	-	-	-	-	-	45	8.4	56	10.4	536
Kaskazini Pemba	597	87.0	-	-	-	-	89	13.0	-	-	-	-	686
Kusini Pemba	599	100.0	-	-	-	-	-	-	-	-	-	-	599
Tanzania Zanzibar	2,007	91.4	-	-	-	-	89	4.1	45	2.0	56	2.5	2,197
Tanzania	50,487	79.4	4,600	7.2	261	0.4	1,499	2.4	6,681	10.5	56	0.1	63,584



**Table 4.121: Number and Percentage of Agricultural Households Reported to Receive Advice on Use of Improved Bull/Artificial Insemination (AI) by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,269	100.0	-	-	-	-	-	-	-	-	-	-	1,269
Arusha	1,513	69.7	234	10.8	-	-	-	-	425	19.6	-	-	2,172
Kilimanjaro	1,833	93.3	131	6.7	-	-	-	-	-	-	-	-	1,964
Tanga	1,336	100.0	-	-	-	-	-	-	-	-	-	-	1,336
Morogoro	739	50.5	-	-	-	-	173	11.8	550	37.6	-	-	1,462
Pwani	211	30.0	-	-	-	-	-	-	492	70.0	-	-	703
Dar es Salaam	-	-	-	-	-	-	-	-	1,239	100.0	-	-	1,239
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	608	100.0	-	-	-	-	-	-	-	-	-	-	608
Ruvuma	2,051	88.7	-	-	261	11.3	-	-	-	-	-	-	2,312
Iringa	387	28.5	-	-	126	9.3	-	-	844	62.2	-	-	1,357
Mbeya	383	38.2	267	26.6	-	-	-	-	353	35.2	-	-	1,003
Singida	282	49.0	294	51.0	-	-	-	-	-	-	-	-	576
Tabora	1,312	100.0	-	-	-	-	-	-	-	-	-	-	1,312
Rukwa	1,648	64.0	522	20.3	-	-	310	12.0	93	3.6	-	-	2,573
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	655	100.0	-	-	-	-	-	-	-	-	-	-	655
Kagera	1,505	100.0	-	-	-	-	-	-	-	-	-	-	1,505
Mwanza	935	100.0	-	-	-	-	-	-	-	-	-	-	935
Mara	332	100.0	-	-	-	-	-	-	-	-	-	-	332
Manyara	104	17.7	150	25.6	332	56.7	-	-	-	-	-	-	586
Njombe	1,863	100.0	-	-	-	-	-	-	-	-	-	-	1,863
Katavi	111	100.0	-	-	-	-	-	-	-	-	-	-	111
Simiyu	162	34.2	-	-	-	-	-	-	312	65.8	-	-	474
Geita	-	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	831	100.0	-	-	-	-	-	-	-	-	-	-	831
Mainland Tanzania	20,070	73.8	1,598	5.9	719	2.6	483	1.8	4,308	15.9	-	-	27,178
Kaskazini Unguja	116	100.0	-	-	-	-	-	-	-	-	-	-	116
Kusini Unguja	61	100.0	-	-	-	-	-	-	-	-	-	-	61
Mjini Magharibi	87	60.8	-	-	-	-	-	-	-	-	56	39.2	143
Kaskazini Pemba	-	-	-	-	-	-	89	100.0	-	-	-	-	89
Kusini Pemba	300	100.0	-	-	-	-	-	-	-	-	-	-	300
Tanzania Zanzibar	564	79.5	-	-	-	-	89	12.6	-	-	56	7.9	709
Tanzania	20,634	74.0	1,598	5.7	719	2.6	572	2.1	4,308	15.4	56	0.2	27,887

**Table 4.122: Number and Percentage of Agricultural Households Reported to Receive Advice on Livestock Branding by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	3,421	100.0	-	-	-	-	-	-	-	-	-	-	3,421
Arusha	3,215	92.0	-	-	-	-	-	-	278	8.0	-	-	3,493
Kilimanjaro	2,148	75.3	230	8.1	-	-	174	6.1	-	-	299	10.5	2,851
Tanga	6,384	100.0	-	-	-	-	-	-	-	-	-	-	6,384
Morogoro	582	69.4	-	-	-	-	-	-	257	30.6	-	-	839
Pwani	826	100.0	-	-	-	-	-	-	-	-	-	-	826
Dar es Salaam	-	-	1,510	65.2	-	-	805	34.8	-	-	-	-	2,315
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	614	100.0	-	-	-	-	-	-	-	-	-	-	614
Ruvuma	5,464	93.0	151	2.6	261	4.4	-	-	-	-	-	-	5,876
Iringa	1,096	56.5	-	-	-	-	-	-	844	43.5	-	-	1,940
Mbeya	4,014	88.2	-	-	-	-	-	-	536	11.8	-	-	4,550
Singida	1,241	70.8	294	16.8	-	-	-	-	-	-	218	12.4	1,753
Tabora	3,363	95.5	158	4.5	-	-	-	-	-	-	-	-	3,521
Rukwa	5,245	100.0	-	-	-	-	-	-	-	-	-	-	5,245
Kigoma	4,135	100.0	-	-	-	-	-	-	-	-	-	-	4,135
Shinyanga	1,350	100.0	-	-	-	-	-	-	-	-	-	-	1,350
Kagera	4,565	91.9	404	8.1	-	-	-	-	-	-	-	-	4,969
Mwanza	2,749	90.6	284	9.4	-	-	-	-	-	-	-	-	3,033
Mara	1,364	75.7	-	-	-	-	237	13.2	200	11.1	-	-	1,801
Manyara	1,661	84.3	309	15.7	-	-	-	-	-	-	-	-	1,970
Njombe	3,705	100.0	-	-	-	-	-	-	-	-	-	-	3,705
Katavi	618	100.0	-	-	-	-	-	-	-	-	-	-	618
Simiyu	2,074	86.9	-	-	-	-	-	-	312	13.1	-	-	2,386
Geita	2,395	93.6	-	-	-	-	-	-	164	6.4	-	-	2,559
Songwe	4,989	95.5	-	-	-	-	-	-	237	4.5	-	-	5,226
Mainland Tanzania	67,218	89.2	3,340	4.4	261	0.3	1,216	1.6	2,828	3.8	517	0.7	75,380
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	48	100.0	-	-	-	-	-	-	-	-	-	-	48
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	150	100.0	-	-	-	-	-	-	-	-	-	-	150
Tanzania Zanzibar	198	100.0	-	-	-	-	-	-	-	-	-	-	198
Tanzania	67,416	89.2	3,340	4.4	261	0.3	1,216	1.6	2,828	3.7	517	0.7	75,578

**Table 4.123: Number and Percentage of Agricultural Households Reported to Receive Advice on Castration by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,899	100.0	-	-	-	-	-	-	-	-	-	-	1,899
Arusha	1,791	81.2	234	10.6	-	-	-	-	182	8.2	-	-	2,207
Kilimanjaro	1,621	75.4	230	10.7	-	-	-	-	-	-	299	13.9	2,150
Tanga	970	100.0	-	-	-	-	-	-	-	-	-	-	970
Morogoro	502	100.0	-	-	-	-	-	-	-	-	-	-	502
Pwani	105	17.6	-	-	-	-	-	-	492	82.4	-	-	597
Dar es Salaam	-	-	-	-	-	-	-	-	1,062	100.0	-	-	1,062
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	1,862	78.0	-	-	-	-	288	12.1	236	9.9	-	-	2,386
Iringa	415	33.0	-	-	-	-	-	-	844	67.0	-	-	1,259
Mbeya	2,735	70.2	268	6.9	-	-	-	-	894	22.9	-	-	3,897
Singida	636	68.4	294	31.6	-	-	-	-	-	-	-	-	930
Tabora	2,975	100.0	-	-	-	-	-	-	-	-	-	-	2,975
Rukwa	3,793	88.2	-	-	-	-	170	4.0	336	7.8	-	-	4,299
Kigoma	590	100.0	-	-	-	-	-	-	-	-	-	-	590
Shinyanga	788	100.0	-	-	-	-	-	-	-	-	-	-	788
Kagera	2,247	84.8	404	15.2	-	-	-	-	-	-	-	-	2,651
Mwanza	1,123	82.8	-	-	-	-	-	-	233	17.2	-	-	1,356
Mara	631	79.2	166	20.8	-	-	-	-	-	-	-	-	797
Manyara	104	33.7	-	-	-	-	-	-	205	66.3	-	-	309
Njombe	2,250	100.0	-	-	-	-	-	-	-	-	-	-	2,250
Katavi	420	100.0	-	-	-	-	-	-	-	-	-	-	420
Simiyu	783	62.3	161	12.8	-	-	-	-	312	24.8	-	-	1,256
Geita	1,382	89.4	-	-	-	-	-	-	164	10.6	-	-	1,546
Songwe	4,580	100.0	-	-	-	-	-	-	-	-	-	-	4,580
Mainland Tanzania	34,202	82.1	1,757	4.2	-	-	458	1.1	4,960	11.9	299	0.7	41,676
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	115	100.0	-	-	-	-	-	-	-	-	-	-	115
Mjini Magharibi	135	100.0	-	-	-	-	-	-	-	-	-	-	135
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	150	100.0	-	-	-	-	-	-	-	-	-	-	150
Tanzania Zanzibar	400	100.0	-	-	-	-	-	-	-	-	-	-	400
Tanzania	34,602	82.2	1,757	4.2	-	-	458	1.1	4,960	11.8	299	0.7	42,076

**Table 4.124: Number and Percentage of Agricultural Households Reported to Receive Advice on Other Extension Messages by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Livestock Extension												Total
	Government		NGO/Development Project		Cooperative		Large Scale Livestock Farmer		Registered Private Vets and Paravets		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	92	19.0	391	81.0	-	-	483
Tanga	112	100.0	-	-	-	-	-	-	-	-	-	-	112
Morogoro	361	67.6	-	-	173	32.4	-	-	-	-	-	-	534
Pwani	-	-	-	-	-	-	-	-	307	100.0	-	-	307
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	338	100.0	-	-	-	-	-	-	-	-	-	-	338
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	426	100.0	-	-	-	-	-	-	-	-	-	-	426
Iringa	-	-	-	-	-	-	-	-	-	-	-	-	-
Mbeya	790	82.0	-	-	-	-	-	-	174	18.0	-	-	964
Singida	588	62.4	-	-	-	-	-	-	-	-	354	37.6	942
Tabora	250	100.0	-	-	-	-	-	-	-	-	-	-	250
Rukwa	127	100.0	-	-	-	-	-	-	-	-	-	-	127
Kigoma	-	-	233	100.0	-	-	-	-	-	-	-	-	233
Shinyanga	135	41.8	-	-	-	-	-	-	-	-	188	58.2	323
Kagera	-	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	777	100.0	-	-	-	-	-	-	-	-	-	-	777
Mara	-	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	161	100.0	161
Geita	-	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	747	100.0	-	-	-	-	-	-	-	-	-	-	747
Mainland Tanzania	4,651	69.2	233	3.5	173	2.6	92	1.4	872	13.0	703	10.5	6,724
Kaskazini Unguja	104	100.0	-	-	-	-	-	-	-	-	-	-	104
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanzania Zanzibar	104	100.0	-	-	-	-	-	-	-	-	-	-	104
Tanzania	4,755	69.6	233	3.4	173	2.5	92	1.3	872	12.8	703	10.3	6,828

**Table 4.125: Number of Agricultural Households Reported to Practice Livestock Extension Services by Region During 2019/20 Agricultural Year, Tanzania**

Region	Livestock Extension														
	Feeds and Proper Feeding			Housing			Proper Milking and Milk Hygiene			Livestock Fattening			Disease Control (Dipping/Spraying/Vaccination)		
	Total	Yes	No	Total	Yes	No	Total	Yes	No	Total	Yes	No	Total	Yes	No
Dodoma	4,442	3,737	705	5,213	3,600	1,613	2,225	1,032	1,194	2,157	1,668	490	7,386	5,584	1,802
Arusha	6,950	5,555	1,395	5,605	3,600	2,005	3,882	3,268	614	3,178	2,728	450	5,888	5,528	360
Kilimanjaro	9,850	7,211	2,640	8,140	6,645	1,495	6,924	5,600	1,324	7,461	6,238	1,223	10,126	9,292	834
Tanga	6,091	5,560	531	7,208	4,406	2,803	5,722	4,812	909	5,016	3,382	1,634	11,149	9,359	1,790
Morogoro	4,482	3,762	720	3,160	2,734	426	2,267	1,818	449	2,582	2,188	394	3,288	3,109	179
Pwani	2,063	1,580	484	1,233	1,233	-	810	577	233	1,328	1,074	255	3,484	3,025	459
Dar es Salaam	16,448	15,480	968	7,029	7,029	-	2,746	2,746	-	8,846	8,846	-	13,082	13,082	-
Lindi	379	379	-	523	523	-	-	-	-	-	-	-	250	250	-
Mtwara	1,270	1,270	-	1,457	555	902	436	238	199	918	412	505	2,232	1,809	423
Ruvuma	5,799	5,302	497	5,613	5,023	590	4,152	3,383	769	4,509	4,509	-	7,050	5,887	1,163
Iringa	2,604	2,478	126	3,139	2,040	1,100	1,519	529	990	2,204	1,554	651	4,155	3,835	320
Mbeya	12,380	10,832	1,548	9,260	7,005	2,255	6,299	4,913	1,386	7,590	6,540	1,050	17,184	15,497	1,687
Singida	3,186	2,751	435	1,450	1,182	268	929	929	-	2,539	2,130	409	3,200	2,845	355
Tabora	3,518	3,518	-	2,748	1,563	1,185	1,455	822	633	2,777	1,706	1,070	7,780	5,835	1,945
Rukwa	4,824	4,009	814	4,618	3,303	1,315	1,645	759	886	5,286	4,346	940	9,418	8,258	1,160
Kigoma	2,650	1,519	1,131	1,720	587	1,133	1,025	658	367	1,125	828	297	4,333	4,333	-
Shinyanga	3,113	1,973	1,140	2,220	1,070	1,149	1,736	1,462	274	2,245	1,328	917	3,464	2,733	731
Kagera	8,753	7,912	841	8,132	5,069	3,063	5,480	3,007	2,472	2,629	2,629	-	12,735	10,138	2,597
Mwanza	3,578	3,420	158	2,338	1,561	777	1,599	1,599	-	2,553	2,112	442	6,253	4,419	1,834
Mara	2,116	1,633	483	1,293	901	392	1,001	670	330	1,306	1,306	-	2,115	1,961	154
Manyara	2,543	1,478	1,065	1,538	994	545	1,564	586	977	2,222	1,416	806	2,047	1,712	335
Njombe	5,504	4,768	736	4,887	4,285	602	3,210	2,514	696	3,352	3,352	-	5,833	4,954	880
Katavi	217	217	-	217	217	-	217	217	-	106	106	-	693	693	-
Simiyu	2,118	1,949	169	1,747	1,188	559	2,105	1,621	483	2,372	1,868	504	5,386	3,982	1,404
Geita	754	536	218	980	980	-	1,379	935	444	2,165	1,500	665	3,656	3,177	479
Songwe	10,927	8,868	2,059	7,324	4,839	2,486	6,332	1,782	4,549	7,991	5,561	2,430	11,187	8,955	2,232
<b>Mainland Tanzania</b>	<b>126,559</b>	<b>107,697</b>	<b>18,863</b>	<b>98,792</b>	<b>72,132</b>	<b>26,663</b>	<b>66,659</b>	<b>46,477</b>	<b>20,178</b>	<b>84,457</b>	<b>69,327</b>	<b>15,132</b>	<b>163,374</b>	<b>140,252</b>	<b>23,123</b>
Kaskazini Unguja	-	-	-	167	-	167	117	67	51	49	-	49	349	249	100
Kusini Unguja	232	166	67	219	219	-	170	170	-	55	-	55	992	940	52
Mjini Magharibi	568	568	-	278	234	43	148	148	-	236	193	43	660	323	337
Kaskazini Pemba	805	498	307	176	97	79	537	415	122	-	-	-	952	710	242
Kusini Pemba	875	875	-	759	759	-	820	820	-	449	449	-	1,047	1,047	-
<b>Tanzania Zanzibar</b>	<b>2,480</b>	<b>2,107</b>	<b>374</b>	<b>1,599</b>	<b>1,309</b>	<b>289</b>	<b>1,792</b>	<b>1,620</b>	<b>173</b>	<b>789</b>	<b>642</b>	<b>147</b>	<b>4,000</b>	<b>3,269</b>	<b>731</b>
<b>Tanzania</b>	<b>129,039</b>	<b>109,804</b>	<b>19,237</b>	<b>100,391</b>	<b>73,441</b>	<b>26,952</b>	<b>68,451</b>	<b>48,097</b>	<b>20,351</b>	<b>85,246</b>	<b>69,969</b>	<b>15,279</b>	<b>167,374</b>	<b>143,521</b>	<b>23,854</b>

**Cont... Table 4.125: Number of Agricultural Households Reported to Practice Livestock Extension Services by Region During 2019/20 Agricultural Year, Tanzania**

Region	Livestock Extension														
	Herd/Flock Size and Selection			Livestock Keeping based on Carrying Capacity			Pasture Establishment			Group Formation and Strengthening			Calf Rearing		
	Total	Yes	No	Total	Yes	No	Total	Yes	No	Total	Yes	No	Total	Yes	No
Dodoma	1,722	1,722	-	3,130	3,130	-	2,888	2,541	348	278	-	278	3,103	2,541	562
Arusha	3,021	2,559	461	2,793	2,681	112	1,993	1,469	524	1,660	1,204	456	4,110	4,014	95
Kilimanjaro	4,410	3,383	1,027	3,713	3,143	570	2,260	1,620	640	1,850	1,249	601	4,547	3,104	1,444
Tanga	3,073	2,786	288	2,830	2,664	166	1,082	1,082	-	1,166	835	331	4,512	3,849	663
Morogoro	684	421	264	3,163	2,928	234	421	421	-	1,337	847	491	2,295	2,295	-
Pwani	561	561	-	1,364	855	510	380	380	-	1,002	307	695	428	322	105
Dar es Salaam	4,886	3,338	1,548	6,086	4,848	1,239	1,062	-	1,062	-	-	-	4,173	3,244	929
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	359	359	-	555	555	-	255	255	-	104	104	-	1,047	1,047	-
Ruvuma	2,348	2,065	283	2,220	1,710	510	1,253	769	484	2,948	2,524	424	3,351	2,888	463
Iringa	1,162	1,016	146	1,904	1,229	675	465	465	-	1,162	1,162	-	1,506	1,001	505
Mbeya	2,998	2,124	875	3,771	3,270	501	965	807	158	1,386	725	661	4,753	4,325	428
Singida	345	141	204	1,205	1,205	-	380	380	-	141	141	-	435	435	-
Tabora	1,979	1,094	885	2,911	1,940	971	1,219	1,219	-	1,090	905	185	2,393	1,496	897
Rukwa	4,253	3,539	714	5,004	3,908	1,096	1,737	345	1,392	1,573	646	928	2,399	1,655	745
Kigoma	233	233	-	2,163	600	1,563	492	492	-	-	-	-	1,247	880	367
Shinyanga	1,505	712	793	1,376	788	588	622	434	188	466	136	330	907	907	-
Kagera	1,842	829	1,012	4,323	2,631	1,691	1,772	1,225	547	579	-	579	4,827	2,902	1,925
Mwanza	1,493	1,493	-	2,590	2,432	158	1,493	716	777	873	327	546	1,511	1,511	-
Mara	332	332	-	1,005	849	156	168	168	-	500	148	352	1,222	1,222	-
Manyara	830	830	-	830	725	104	804	300	504	632	482	150	706	706	-
Njombe	1,694	1,073	621	2,472	2,269	203	2,928	2,411	517	322	322	-	3,237	2,637	600
Katavi	217	217	-	222	111	111	111	111	-	111	111	-	111	111	-
Simiyu	1,578	1,252	326	1,623	1,623	-	1,463	1,287	175	1,032	1,032	-	1,287	1,287	-
Geita	1,475	311	1,165	2,349	1,902	447	311	-	311	-	-	-	2,488	2,041	447
Songwe	2,894	1,673	1,221	3,477	3,197	280	2,205	1,926	280	842	842	-	4,793	4,544	249
<b>Mainland Tanzania</b>	<b>45,894</b>	<b>34,063</b>	<b>11,833</b>	<b>63,079</b>	<b>51,193</b>	<b>11,885</b>	<b>28,729</b>	<b>20,823</b>	<b>7,907</b>	<b>21,054</b>	<b>14,049</b>	<b>7,007</b>	<b>61,388</b>	<b>50,964</b>	<b>10,424</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	49	49	-	-	-	-
Kusini Unguja	42	42	-	160	50	110	-	-	-	55	55	-	376	376	-
Mjini Magharibi	191	191	-	278	278	-	100	100	-	143	56	87	537	236	301
Kaskazini Pemba	79	-	79	122	-	122	-	-	-	-	-	-	686	589	97
Kusini Pemba	715	715	-	565	415	150	449	449	-	300	150	150	599	599	-
<b>Tanzania Zanzibar</b>	<b>1,027</b>	<b>948</b>	<b>79</b>	<b>1,125</b>	<b>743</b>	<b>382</b>	<b>549</b>	<b>549</b>	<b>-</b>	<b>547</b>	<b>310</b>	<b>237</b>	<b>2,198</b>	<b>1,800</b>	<b>398</b>
<b>Tanzania</b>	<b>46,921</b>	<b>35,011</b>	<b>11,912</b>	<b>64,204</b>	<b>51,936</b>	<b>12,267</b>	<b>29,278</b>	<b>21,372</b>	<b>7,907</b>	<b>21,601</b>	<b>14,359</b>	<b>7,244</b>	<b>63,586</b>	<b>52,764</b>	<b>10,822</b>

**Cont... Table 4.125: Number of Agricultural Households Reported to Practice Livestock Extension Services by Region During 2019/20 Agricultural Year, Tanzania**

Region	Livestock Extension											
	Use of Improved Bulls/AI			Livestock Branding			Castration			Others		
	Total	Yes	No	Total	Yes	No	Total	Yes	No	Total	Yes	No
Dodoma	1,269	1,269	-	3,421	3,150	271	1,899	1,497	402	-	-	-
Arusha	2,172	1,627	544	3,493	2,769	724	2,207	1,763	444	-	-	-
Kilimanjaro	1,964	1,489	475	2,850	2,284	567	2,149	1,920	230	483	483	-
Tanga	1,336	620	716	6,384	4,251	2,134	970	436	534	112	112	-
Morogoro	1,462	1,170	292	839	582	257	502	365	136	534	534	-
Pwani	703	575	128	826	615	211	597	345	253	307	307	-
Dar es Salaam	1,239	-	1,239	2,315	-	2,315	1,062	1,062	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	338	-	338
Mtwara	608	157	451	614	359	255	-	-	-	-	-	-
Ruvuma	2,312	1,364	948	5,876	3,999	1,877	2,386	1,695	691	426	426	-
Iringa	1,358	442	916	1,940	877	1,063	1,259	754	505	-	-	-
Mbeya	1,003	650	353	4,550	2,552	1,999	3,898	3,630	267	964	964	-
Singida	576	435	141	1,752	1,492	260	929	636	294	941	941	-
Tabora	1,312	500	812	3,521	2,949	572	2,975	2,509	466	250	250	-
Rukwa	2,572	1,131	1,442	5,245	4,382	864	4,299	3,639	660	127	127	-
Kigoma	-	-	-	4,135	1,899	2,235	590	357	233	233	233	-
Shinyanga	655	466	188	1,350	1,212	138	788	251	536	323	135	188
Kagera	1,505	429	1,076	4,969	4,463	506	2,651	1,524	1,127	-	-	-
Mwanza	935	777	158	3,033	2,688	346	1,356	1,356	-	777	777	-
Mara	332	184	148	1,801	1,478	324	797	649	148	-	-	-
Manyara	586	586	-	1,969	995	974	309	104	205	-	-	-
Njombe	1,863	1,739	124	3,705	1,830	1,875	2,250	1,658	592	-	-	-
Katavi	111	111	-	618	415	203	420	420	-	-	-	-
Simiyu	474	312	162	2,386	1,967	418	1,255	930	326	161	161	-
Geita	-	-	-	2,559	2,342	217	1,547	882	665	-	-	-
Songwe	831	249	582	5,226	1,966	3,259	4,580	2,479	2,101	747	747	-
<b>Mainland Tanzania</b>	<b>27,178</b>	<b>16,282</b>	<b>10,895</b>	<b>75,377</b>	<b>51,516</b>	<b>23,864</b>	<b>41,675</b>	<b>30,861</b>	<b>10,815</b>	<b>6,723</b>	<b>6,197</b>	<b>526</b>
Kaskazini Unguja	116	67	49	-	-	-	-	-	-	104	-	104
Kusini Unguja	61	61	-	-	-	-	115	-	115	-	-	-
Mjini Magharibi	143	87	56	48	48	-	135	43	92	-	-	-
Kaskazini Pemba	89	-	89	-	-	-	-	-	-	-	-	-
Kusini Pemba	300	300	-	150	150	-	150	-	150	-	-	-
<b>Tanzania Zanzibar</b>	<b>709</b>	<b>515</b>	<b>194</b>	<b>198</b>	<b>198</b>	<b>-</b>	<b>400</b>	<b>43</b>	<b>357</b>	<b>104</b>	<b>-</b>	<b>104</b>
<b>Tanzania</b>	<b>27,887</b>	<b>16,797</b>	<b>11,089</b>	<b>75,575</b>	<b>51,714</b>	<b>23,864</b>	<b>42,075</b>	<b>30,904</b>	<b>11,172</b>	<b>6,827</b>	<b>6,197</b>	<b>630</b>

## **FISH FARMING**



**Table 4.126: Number and Percentage of Agricultural Households Reported to Practice Fish Farming by Region During the 2019/20 Agricultural Year, Tanzania**

Region	Practiced Fish Farming		Not Practiced Fish Farming		Total Number of Households
	Number	Percent	Number	Percent	
Dodoma	-	-	510,148	100.0	510,148
Arusha	674	0.3	220,342	99.7	221,016
Kilimanjaro	631	0.2	293,680	99.8	294,311
Tanga	1,797	0.5	349,614	99.5	351,411
Morogoro	173	0.0	413,043	100.0	413,216
Pwani	-	-	217,921	100.0	217,921
Dar es Salaam	3,117	0.8	411,183	99.2	414,300
Lindi	-	-	229,664	100.0	229,664
Mtwara	1,125	0.4	303,908	99.6	305,034
Ruvuma	4,993	1.5	327,026	98.5	332,019
Iringa	1,185	0.6	208,301	99.4	209,486
Mbeya	2,025	0.5	378,614	99.5	380,639
Singida	1,617	0.6	271,045	99.4	272,662
Tabora	590	0.2	369,381	99.8	369,971
Rukwa	1,679	0.8	216,570	99.2	218,249
Kigoma	-	-	348,378	100.0	348,378
Shinyanga	1,341	0.7	203,586	99.3	204,927
Kagera	621	0.1	482,399	99.9	483,020
Mwanza	1,246	0.3	404,788	99.7	406,034
Mara	-	-	233,931	100.0	233,931
Manyara	-	-	272,224	100.0	272,224
Njombe	744	0.5	159,364	99.5	160,108
Katavi	-	-	76,867	100.0	76,867
Simiyu	458	0.3	180,231	99.7	180,690
Geita	277	0.1	268,865	99.9	269,141
Songwe	2,001	0.7	279,819	99.3	281,820
<b>Mainland Tanzania</b>	<b>26,294</b>	<b>0.3</b>	<b>7,630,892</b>	<b>99.7</b>	<b>7,657,185</b>
Kaskazini Unguja	-	-	31,594	100.0	31,594
Kusini Unguja	-	-	17,593	100.0	17,593
Mjini Magharibi	-	-	35,873	100.0	35,873
Kaskazini Pemba	-	-	40,781	100.0	40,781
Kusini Pemba	368	0.7	54,011	99.3	54,379
<b>Tanzania Zanzibar</b>	<b>368</b>	<b>0.2</b>	<b>179,852</b>	<b>99.8</b>	<b>180,220</b>
<b>Tanzania</b>	<b>26,662</b>	<b>0.3</b>	<b>7,810,744</b>	<b>99.7</b>	<b>7,837,405</b>

**Table 4.127: Number of Agricultural Households by Type of Water and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Type of Water		
	Fresh Water	Marine Water	Blackish Water
Dodoma	0	0	0
Arusha	725	0	158
Kilimanjaro	631	0	0
Tanga	1,797	0	0
Morogoro	173	0	0
Pwani	0	0	0
Dar es Salaam	1,981	2,271	0
Lindi	0	0	0
Mtwara	880	246	0
Ruvuma	5,997	0	0
Iringa	1,185	0	0
Mbeya	2,234	209	0
Singida	1,617	0	0
Tabora	590	0	0
Rukwa	2,225	0	0
Kigoma	0	0	0
Shinyanga	1,089	157	95
Kagera	621	0	0
Mwanza	1,336	0	197
Mara	0	0	0
Manyara	0	0	0
Njombe	744	0	0
Katavi	0	0	0
Simiyu	280	0	178
Geita	277	0	0
Songwe	1,650	0	351
<b>Mainland Tanzania</b>	<b>26,032</b>	<b>2,883</b>	<b>979</b>
Kaskazini Unguja	0	0	0
Kusini Unguja	0	0	0
Mjini Magharibi	0	0	0
Kaskazini Pemba	0	0	0
Kusini Pemba	225	142	0
<b>Tanzania Zanzibar</b>	<b>225</b>	<b>142</b>	<b>0</b>
<b>Tanzania</b>	<b>26,257</b>	<b>3,025</b>	<b>979</b>

**Table 4.128: Number of Agricultural Households by Source of Water and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Source of Water							
	Rain Fed	Ground Water	Rivers	Lakes	Dam	Ocean	Tap Water	Others
Dodoma	0	0	0	0	0	0	0	0
Arusha	0	300	164	0	0	0	419	0
Kilimanjaro	0	191	195	0	0	0	153	92
Tanga	289	1,508	0	0	0	0	0	0
Morogoro	0	0	173	0	0	0	0	0
Pwani	0	0	0	0	0	0	0	0
Dar es Salaam	0	968	0	0	1,013	0	0	2,271
Lindi	0	0	0	0	0	0	0	0
Mtwara	489	0	218	0	0	246	173	0
Ruvuma	0	1,268	2,757	0	1,455	0	380	138
Iringa	0	1,185	0	0	0	0	0	0
Mbeya	231	1,488	160	0	355	0	209	0
Singida	797	820	0	0	0	0	0	0
Tabora	590	0	0	0	0	0	0	0
Rukwa	0	1,359	0	0	866	0	0	0
Kigoma	0	0	0	0	0	0	0	0
Shinyanga	309	303	0	0	728	0	0	0
Kagera	0	621	0	0	0	0	0	0
Mwanza	0	197	763	572	0	0	0	0
Mara	0	0	0	0	0	0	0	0
Manyara	0	0	0	0	0	0	0	0
Njombe	0	113	341	0	290	0	0	0
Katavi	0	0	0	0	0	0	0	0
Simiyu	280	178	0	0	0	0	0	0
Geita	0	0	277	0	0	0	0	0
Songwe	0	785	857	0	0	0	359	0
<b>Mainland Tanzania</b>	<b>2,985</b>	<b>11,284</b>	<b>5,905</b>	<b>572</b>	<b>4,707</b>	<b>246</b>	<b>1,693</b>	<b>2,501</b>
Kaskazini Unguja	0	0	0	0	0	0	0	0
Kusini Unguja	0	0	0	0	0	0	0	0
Mjini Magharibi	0	0	0	0	0	0	0	0
Kaskazini Pemba	0	0	0	0	0	0	0	0
Kusini Pemba	0	0	0	0	0	142	225	0
<b>Tanzania Zanzibar</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>142</b>	<b>225</b>	<b>0</b>
<b>Tanzania</b>	<b>2,985</b>	<b>11,284</b>	<b>5,905</b>	<b>572</b>	<b>4,707</b>	<b>388</b>	<b>1,918</b>	<b>2,501</b>

**Table 4.129: Number of Agricultural Households by Source of Fingerlings and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Source of Fingering						
	Own Fish Hatchery	Neighbor Fish Hatchery	Government Institution Hatchery	Private Trade Fish Hatchery	Natural Pond	NGO/Project	Other
Dodoma	0	0	0	0	0	0	0
Arusha	0	0	0	583	0	300	0
Kilimanjaro	191	0	0	0	348	92	0
Tanga	270	963	0	564	0	0	0
Morogoro	0	0	0	0	173	0	0
Pwani	0	0	0	0	0	0	0
Dar es Salaam	0	0	1,013	3,239	0	0	0
Lindi	0	0	0	0	0	0	0
Mtwara	0	173	0	473	246	234	0
Ruvuma	221	2,943	1,038	559	138	1,099	0
Iringa	0	986	0	199	0	0	0
Mbeya	0	318	0	1,057	231	0	838
Singida	421	204	0	239	753	0	0
Tabora	0	250	0	0	340	0	0
Rukwa	201	1,104	0	426	230	264	0
Kigoma	0	0	0	0	0	0	0
Shinyanga	587	218	0	0	535	0	0
Kagera	0	0	299	322	0	0	0
Mwanza	572	0	0	197	0	763	0
Mara	0	0	0	0	0	0	0
Manyara	0	0	0	0	0	0	0
Njombe	0	290	0	113	341	0	0
Katavi	0	0	0	0	0	0	0
Simiyu	178	0	0	0	0	0	280
Geita	0	0	0	0	0	277	0
Songwe	0	785	0	993	0	0	223
<b>Mainland Tanzania</b>	<b>2,641</b>	<b>8,234</b>	<b>2,350</b>	<b>8,964</b>	<b>3,335</b>	<b>3,029</b>	<b>1,341</b>
Kaskazini Unguja	0	0	0	0	0	0	0
Kusini Unguja	0	0	0	0	0	0	0
Mjini Magharibi	0	0	0	0	0	0	0
Kaskazini Pemba	0	0	0	0	0	0	0
Kusini Pemba	0	0	0	0	225	142	0
<b>Tanzania Zanzibar</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225</b>	<b>142</b>	<b>0</b>
<b>Tanzania</b>	<b>2,641</b>	<b>8,234</b>	<b>2,350</b>	<b>8,964</b>	<b>3,560</b>	<b>3,171</b>	<b>1,341</b>

**Table 4.130: Number of Agricultural Households by Source of Fingerlings, Production Unit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Fingerling - Production Unit 1							Source of Fingerling- Production Unit 2						
	Own Fish Hatchery	Neighbor Fish Hatchery	Government Institution Hatchery	Private Trade Fish Hatchery	Natural Pond	NGO/Project	Other	Own Fish Hatchery	Neighbor Fish Hatchery	Government Institution Hatchery	Private Trade Fish Hatchery	Natural Pond	NGO/Project	Other
Dodoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arusha	0	0	0	374	0	300	0	0	0	0	209	0	0	0
Kilimanjaro	191	0	0	0	348	92	0	0	0	0	0	0	0	0
Tanga	270	963	0	564	0	0	0	0	0	0	0	0	0	0
Morogoro	0	0	0	0	173	0	0	0	0	0	0	0	0	0
Pwani	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dar es Salaam	0	0	1,013	2,103	0	0	0	0	0	0	1,135	0	0	0
Lindi	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mtwara	0	173	0	473	246	234	0	0	0	0	0	0	0	0
Ruvuma	0	2,671	755	559	138	872	0	221	272	283	0	0	227	0
Iringa	0	986	0	199	0	0	0	0	0	0	0	0	0	0
Mbeya	0	318	0	1,057	231	0	419	0	0	0	0	0	0	419
Singida	421	204	0	239	753	0	0	0	0	0	0	0	0	0
Tabora	0	250	0	0	340	0	0	0	0	0	0	0	0	0
Rukwa	0	1,104	0	213	230	132	0	201	0	0	213	0	132	0
Kigoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shinyanga	587	218	0	0	535	0	0	0	0	0	0	0	0	0
Kagera	0	0	299	322	0	0	0	0	0	0	0	0	0	0
Mwanza	286	0	0	197	0	763	0	286	0	0	0	0	0	0
Mara	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manyara	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Njombe	0	290	0	113	341	0	0	0	0	0	0	0	0	0
Katavi	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Simiyu	178	0	0	0	0	0	280	0	0	0	0	0	0	0
Geita	0	0	0	0	0	277	0	0	0	0	0	0	0	0
Songwe	0	785	0	993	0	0	223	0	0	0	0	0	0	0
<b>Mainland Tanzania</b>	<b>1,933</b>	<b>7,962</b>	<b>2,067</b>	<b>7,406</b>	<b>3,335</b>	<b>2,670</b>	<b>922</b>	<b>708</b>	<b>272</b>	<b>283</b>	<b>1,557</b>	<b>0</b>	<b>359</b>	<b>419</b>
Kaskazini Unguja	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kusini Unguja	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mjini Magharibi	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kaskazini Pemba	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kusini Pemba	0	0	0	0	225	142	0	0	0	0	0	0	0	0
<b>Tanzania Zanzibar</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>225</b>	<b>142</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Tanzania</b>	<b>1,933</b>	<b>7,962</b>	<b>2,067</b>	<b>7,406</b>	<b>3,560</b>	<b>2,812</b>	<b>922</b>	<b>708</b>	<b>272</b>	<b>283</b>	<b>1,557</b>	<b>0</b>	<b>359</b>	<b>419</b>

**Table 4.131: Number and Percentage of Fingerlings Stocked by Type and Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Fingerlings Stocked										Total
	Tilapia		Milk Fish		African Cat Fish		Prawns		Others		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	-	-	-	-	-	-	-	-	-	-	-
Arusha	288,208	53.5	-	-	250,394	46.5	-	-	-	-	538,602
Kilimanjaro	112,255	98.4	-	-	1,837	1.6	-	-	-	-	114,092
Tanga	933,643	100.0	-	-	-	-	-	-	-	-	933,643
Morogoro	173,316	100.0	-	-	-	-	-	-	-	-	173,316
Pwani	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	38,245,480	100.0	-	-	-	-	-	-	-	-	38,245,480
Lindi	-	-	-	-	-	-	-	-	-	-	-
Mtwara	175,467	74.1	61,437	25.9	-	-	-	-	-	-	236,904
Ruvuma	2,711,231	100.0	-	-	-	-	-	-	-	-	2,711,231
Iringa	80,955	100.0	-	-	-	-	-	-	-	-	80,955
Mbeya	244,056	5.5	-	-	4,159,217	94.0	-	-	20,941	0.5	4,424,214
Singida	77,747	83.0	-	-	11,676	12.5	-	-	4,205	4.5	93,628
Tabora	-	-	-	-	4,994	100.0	-	-	-	-	4,994
Rukwa	37,263	36.2	-	-	65,796	63.8	-	-	-	-	103,059
Kigoma	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	11,092	10.0	-	-	99,981	90.0	-	-	-	-	111,073
Kagera	250,633	100.0	-	-	0	0.0	-	-	-	-	250,633
Mwanza	243,425	100.0	-	-	0	0.0	-	-	-	-	243,425
Mara	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-
Njombe	306,715	100.0	-	-	-	-	-	-	-	-	306,715
Katavi	-	-	-	-	-	-	-	-	-	-	-
Simiyu	356,757	98.0	-	-	-	-	-	-	7,275	2.0	364,032
Geita	83,043	100.0	-	-	-	-	-	-	-	-	83,043
Songwe	76,041	40.6	-	-	111,275	59.4	-	-	-	-	187,316
Mainland Tanzania	44,407,327	90.2	61,437	0.1	4,705,170	9.6	-	-	32,421	0.1	49,206,355
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	173,286	100.0	-	-	-	-	-	-	173,286
Tanzania Zanzibar	-	-	173,286	100.0	-	-	-	-	-	-	173,286
Tanzania	44,407,327	89.9	234,723	0.5	4,705,170	9.5	-	-	32,421	0.1	49,379,641

**Table 4.132: Number of Agricultural Households by Main Place of Selling Fish and Region During 2019/20 Agricultural Year, Tanzania**

Region	Place of Sale							
	Neighbour	Landing Site	Fish Market	Processing Industry	Large Scale Farmer	Trader at Farm	Did Not Sell	Other
Dodoma	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	323	-	209
Kilimanjaro	-	-	-	-	-	-	-	-
Tanga	442	-	-	293	-	270	-	-
Morogoro	-	173	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-
Dar es Salaam	2,271	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-
Mtwara	-	-	489	-	-	218	-	-
Ruvuma	1,447	-	283	-	-	380	-	-
Iringa	-	-	-	-	-	-	-	-
Mbeya	318	-	-	-	-	267	-	-
Singida	239	421	-	-	-	-	-	-
Tabora	-	-	250	-	-	-	-	-
Rukwa	464	213	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-
Shinyanga	104	215	-	-	-	-	-	-
Kagera	-	322	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-
Mara	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-
Njombe	290	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-
Simiyu	178	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-
Songwe	223	-	223	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>5,976</b>	<b>1,344</b>	<b>1,245</b>	<b>293</b>	<b>-</b>	<b>1,458</b>	<b>-</b>	<b>209</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-
Kusini Pemba	142	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>142</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>6,118</b>	<b>1,344</b>	<b>1,245</b>	<b>293</b>	<b>-</b>	<b>1,458</b>	<b>-</b>	<b>209</b>

**Table 4.133: Number of Agricultural Households by Frequency of Stocking of Fingerlings in Fish Ponds and Region During 2019/20 Agricultural Year, Tanzania**

Region	Frequency of Stocking								Total
	1	2	3	4	5	6	7	8	
Dodoma	0	0	0	0	0	0	0	0	0
Arusha	351	374	0	0	0	0	0	0	725
Kilimanjaro	539	92	0	0	0	0	0	0	631
Tanga	503	526	0	0	0	0	0	0	1,029
Morogoro	0	0	0	0	0	0	0	0	0
Pwani	0	0	0	0	0	0	0	0	0
Dar es Salaam	968	0	2,271	0	0	0	0	0	3,239
Lindi	0	0	0	0	0	0	0	0	0
Mtwara	891	234	0	0	0	0	0	0	1,125
Ruvuma	3,654	545	0	0	0	0	0	0	4,199
Iringa	1,185	0	0	0	0	0	0	0	1,185
Mbeya	2,443	0	0	0	0	0	0	0	2,443
Singida	1,001	615	0	0	0	0	0	0	1,616
Tabora	250	0	0	0	0	0	0	0	250
Rukwa	1,367	201	0	0	0	0	0	0	1,568
Kigoma	0	0	0	0	0	0	0	0	0
Shinyanga	528	614	198	0	0	0	0	0	1,340
Kagera	299	0	0	322	0	0	0	0	621
Mwanza	0	483	0	286	0	0	0	0	769
Mara	0	0	0	0	0	0	0	0	0
Manyara	0	0	0	0	0	0	0	0	0
Njombe	113	0	0	0	290	0	0	0	403
Katavi	0	0	0	0	0	0	0	0	0
Simiyu	0	280	178	0	0	0	0	0	458
Geita	0	277	0	0	0	0	0	0	277
Songwe	1,273	0	0	0	0	0	223	0	1,496
<b>Mainland Tanzania</b>	<b>15,365</b>	<b>4,241</b>	<b>2,647</b>	<b>608</b>	<b>290</b>	<b>0</b>	<b>223</b>	<b>0</b>	<b>23,374</b>
Kaskazini Unguja	0	0	0	0	0	0	0	0	0
Kusini Unguja	0	0	0	0	0	0	0	0	0
Mjini Magharibi	0	0	0	0	0	0	0	0	0
Kaskazini Pemba	0	0	0	0	0	0	0	0	0
Kusini Pemba	0	0	225	0	142	0	0	0	367
<b>Tanzania Zanzibar</b>	<b>0</b>	<b>0</b>	<b>225</b>	<b>0</b>	<b>142</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>367</b>
<b>Tanzania</b>	<b>15,365</b>	<b>4,241</b>	<b>2,872</b>	<b>608</b>	<b>432</b>	<b>0</b>	<b>223</b>	<b>0</b>	<b>23,741</b>



**Table 4.134: Number of Households Reported Main Source of Fish Feeds, Amount Used and Average Price by Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Feeds											
	Homemade Feed			Locally Compounded Feeds			Imported Manufactured Feeds			Other Feeds		
	Number of Households	Amount Used (Kg)	Average Price per Kg (TZS)	Number of Households	Amount Used (Kg)	Average Price per Kg (TZS)	Number of Households	Amount Used (Kg)	Average Price per Kg (TZS)	Number of Households	Amount Used (Kg)	Average Price per Kg (TZS)
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	368	2,400	2,730	142	420	3,300	164	4,000	2,900	-	-	-
Kilimanjaro	631	11,950	2,875	-	-	-	-	-	-	-	-	-
Tanga	1,797	17,856	2,682	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	173	432	3,000	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	2,103	41,580	2,828	1,013	60	2,800	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	674	2,652	3,132	-	-	-	234	45	2,800	218	2,400	1,250
Ruvuma	4,264	47,156	2,795	730	9,624	3,363	-	-	-	-	-	-
Iringa	-	-	-	986	5,520	3,100	-	-	-	199	120	6,000
Mbeya	2,025	10,482	2,930	-	-	-	-	-	-	-	-	-
Singida	615	4,488	2,761	-	-	-	-	-	-	1,001	-	-
Tabora	590	2,068	2,842	-	-	-	-	-	-	-	-	-
Rukwa	1,679	15,325	2,771	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	880	6,990	3,036	95	60	3,200	-	-	-	365	1,400	-
Kagera	299	80	3,400	-	-	-	-	-	-	322	-	-
Mwanza	197	30	2,500	286	2,800	3,013	-	-	-	763	-	-
Mara	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	744	48,980	2,629	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	458	2,100	3,100	-	-	-	-	-	-	-	-	-
Geita	277	1,050	2,400	-	-	-	-	-	-	-	-	-
Songwe	2,001	9,270	3,040	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>19,602</b>	<b>224,457</b>	<b>2,848</b>	<b>3,425</b>	<b>18,916</b>	<b>3,193</b>	<b>398</b>	<b>4,045</b>	<b>2,848</b>	<b>2,868</b>	<b>3,920</b>	<b>5,358</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	225	60	2,800	142	2,700	3,000	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>225</b>	<b>60</b>	<b>2,800</b>	<b>142</b>	<b>2,700</b>	<b>3,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>19,827</b>	<b>224,517</b>	<b>2,848</b>	<b>3,567</b>	<b>21,616</b>	<b>3,181</b>	<b>398</b>	<b>4,045</b>	<b>2,848</b>	<b>2,868</b>	<b>3,920</b>	<b>5,358</b>

**Table 4.135: Number of Fish Stocked, Type of Fish Stocked, Production and Average Price by Region During 2019/20 Agricultural Year, Tanzania**

Region	Tilapia					Milk Fish				
	Number Stocked	Number Harvested	Weight of Fish Harvested (Kg)	Weight of Fish Sold (Kg)	Average Price per Kg (TZS)	Number Stocked	Number Harvested	Weight of Fish Harvested (Kg)	Weight of Fish Sold (Kg)	Average Price per Kg (TZS)
Dodoma	0	0	0	0	-	0	0	0	0	0
Arusha	288,208	197,722	155,193	58,873	3,931	0	0	0	0	0
Kilimanjaro	112,255	3,902	11,706	0	-	0	0	0	0	0
Tanga	933,643	1,265,400	3,769,158	299,141	4,332	0	0	0	0	0
Morogoro	173,316	69,326	69,326	347	3,000	0	0	0	0	0
Pwani	0	0	0	0	-	0	0	0	0	0
Dar es Salaam	38,245,480	510,972	1,124,138	2,271	2,600	0	0	0	0	0
Lindi	0	0	0	0	-	0	0	0	0	0
Mtwara	175,467	116,729	199,252	11,031	4,539	61,437	24,575	12,287	0	0
Ruvuma	2,711,231	2,130,861	2,643,073	573,653	3,392	0	0	0	0	0
Iringa	80,955	0	0	0	-	0	0	0	0	0
Mbeya	244,056	525,141	1,565,282	128,147	5,015	0	0	0	0	0
Singida	77,747	81,437	162,606	8,117	5,000	0	0	0	0	0
Tabora	0	0	0	0	-	0	0	0	0	0
Rukwa	37,263	198,841	330,030	44,947	2,821	0	0	0	0	0
Kigoma	0	0	0	0	-	0	0	0	0	0
Shinyanga	11,092	19,965	9,983	9,983	3,000	0	0	0	0	0
Kagera	250,633	34,790	17,395	17,395	6,000	0	0	0	0	0
Mwanza	243,425	0	0	0	-	0	0	0	0	0
Mara	0	0	0	0	-	0	0	0	0	0
Manyara	0	0	0	0	-	0	0	0	0	0
Njombe	306,715	121,691	243,382	20,282	2,500	0	0	0	0	0
Katavi	0	0	0	0	-	0	0	0	0	0
Simiyu	356,757	89,189	178,378	45	3,000	0	0	0	0	0
Geita	83,043	0	0	0	-	0	0	0	0	0
Songwe	76,041	20,065	31,263	4,451	2,700	0	0	0	0	0
<b>Mainland Tanzania</b>	<b>44,407,327</b>	<b>5,386,031</b>	<b>10,510,165</b>	<b>1,178,683</b>	<b>3,509</b>	<b>61,437</b>	<b>24,575</b>	<b>12,287</b>	<b>0</b>	<b>0</b>
Kaskazini Unguja	0	0	0	0	0	0	0	0	0	0
Kusini Unguja	0	0	0	0	0	0	0	0	0	0
Mjini Magharibi	0	0	0	0	0	0	0	0	0	0
Kaskazini Pemba	0	0	0	0	0	0	0	0	0	0
Kusini Pemba	0	0	0	0	0	173,286	34,176	11,392	11,392	3,000
<b>Tanzania Zanzibar</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>173,286</b>	<b>34,176</b>	<b>11,392</b>	<b>11,392</b>	<b>3,000</b>
<b>Tanzania</b>	<b>44,407,327</b>	<b>5,386,031</b>	<b>10,510,165</b>	<b>1,178,683</b>	<b>3,509</b>	<b>234,723</b>	<b>58,751</b>	<b>23,679</b>	<b>11,392</b>	<b>3,000</b>

**Cont...Table 4.135: Number of Fish Stocked, Type of Fish Stocked, Production and Average Price by Region During 2019/20 Agricultural Year, Tanzania**

Region	African Cat Fish					Others				
	Number Stocked	Number Harvested	Weight of Fish Harvested (Kg)	Weight of Fish Sold (Kg)	Average Price per Kg (TZS)	Number Stocked	Number Harvested	Weight of Fish Harvested (Kg)	Weight of Fish Sold (Kg)	Average Price per Kg (TZS)
Dodoma	0	0	0	0	-	0	0	0	0	0
Arusha	250,394	8,715	8,715	8,715	5,000	0	0	0	0	0
Kilimanjaro	1,837	612	1,225	0	-	0	0	0	0	0
Tanga	0	0	0	0	-	0	0	0	0	0
Morogoro	0	0	0	0	-	0	0	0	0	0
Pwani	0	0	0	0	-	0	0	0	0	0
Dar es Salaam	0	0	0	0	-	0	0	0	0	0
Lindi	0	0	0	0	-	0	0	0	0	0
Mtwara	0	0	0	0	-	0	0	0	0	0
Ruvuma	0	0	0	0	-	0	0	0	0	0
Iringa	0	0	0	0	-	0	0	0	0	0
Mbeya	4,159,217	42,511	85,021	12,753	3,000	20,941	0	0	0	0
Singida	11,676	0	0	0	-	4,205	12,616	37,849	12,616	2,700
Tabora	4,994	1,248	499	499	3,000	0	0	0	0	0
Rukwa	65,796	35,305	17,652	17,652	3,000	0	4,605	9,210	0	0
Kigoma	0	0	0	0	-	0	0	0	0	0
Shinyanga	99,981	35,074	14,455	12,401	3,000	0	0	0	0	0
Kagera	0	0	0	0	-	0	0	0	0	0
Mwanza	0	0	0	0	-	0	0	0	0	0
Mara	0	0	0	0	-	0	0	0	0	0
Manyara	0	0	0	0	-	0	0	0	0	0
Njombe	0	0	0	0	-	0	0	0	0	0
Katavi	0	0	0	0	-	0	0	0	0	0
Simiyu	0	0	0	0	-	7,275	1,287,076	671,518	0	0
Geita	0	0	0	0	-	0	0	0	0	0
Songwe	111,275	623,143	1,246,285	591,986	3,000	0	0	0	0	0
<b>Mainland Tanzania</b>	<b>4,705,170</b>	<b>746,608</b>	<b>1,373,852</b>	<b>644,006</b>	<b>3,243</b>	<b>32,421</b>	<b>1,304,297</b>	<b>718,577</b>	<b>12,616</b>	<b>2,700</b>
Kaskazini Unguja	0	0	0	0	0	0	0	0	0	0
Kusini Unguja	0	0	0	0	0	0	0	0	0	0
Mjini Magharibi	0	0	0	0	0	0	0	0	0	0
Kaskazini Pemba	0	0	0	0	0	0	0	0	0	0
Kusini Pemba	0	0	0	0	0	0	0	0	0	0
<b>Tanzania Zanzibar</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Tanzania</b>	<b>4,705,170</b>	<b>746,608</b>	<b>1,373,852</b>	<b>644,006</b>	<b>3,243</b>	<b>32,421</b>	<b>1,304,297</b>	<b>718,577</b>	<b>12,616</b>	<b>2,700</b>

# **BEEKEEPING**

**Table 4.136: Number and Percentage of Agricultural Households Involved in Beekeeping by Region During 2019/20 Agricultural Year, Tanzania**

Region	Agricultural Households Involved in Beekeeping		Agricultural Households NOT Involved in Beekeeping		Total
	Number	Percent	Number	Percent	Number
Dodoma	8,074	1.6	502,074	98.4	510,148
Arusha	6,692	3.0	214,324	97.0	221,016
Kilimanjaro	4,521	1.5	289,790	98.5	294,311
Tanga	4,532	1.3	346,879	98.7	351,411
Morogoro	1,755	0.4	411,462	99.6	413,217
Pwani	893	0.4	217,028	99.6	217,921
Dar es Salaam	-	-	414,300	100.0	414,300
Lindi	180	0.1	229,484	99.9	229,664
Mtwara	-	-	305,034	100.0	305,034
Ruvuma	2,175	0.7	329,844	99.3	332,019
Iringa	8,844	4.2	200,641	95.8	209,485
Mbeya	7,020	1.8	373,618	98.2	380,638
Singida	15,445	5.7	257,216	94.3	272,661
Tabora	8,243	2.2	361,729	97.8	369,972
Rukwa	1,460	0.7	216,789	99.3	218,249
Kigoma	6,657	1.9	341,721	98.1	348,378
Shinyanga	2,813	1.4	202,114	98.6	204,927
Kagera	5,969	1.2	477,050	98.8	483,019
Mwanza	812	0.2	405,222	99.8	406,034
Mara	1,525	0.7	232,405	99.3	233,930
Manyara	3,281	1.2	268,943	98.8	272,224
Njombe	2,598	1.6	157,510	98.4	160,108
Katavi	3,141	4.1	73,726	95.9	76,867
Simiyu	1,304	0.7	179,385	99.3	180,689
Geita	2,762	1.0	266,379	99.0	269,141
Songwe	2,789	1.0	279,032	99.0	281,821
<b>Mainland Tanzania</b>	<b>103,485</b>	<b>1.4</b>	<b>7,553,699</b>	<b>98.6</b>	<b>7,657,184</b>
Kaskazini Unguja	-	-	31,594	100.0	31,594
Kusini Unguja	731	4.2	16,861	95.8	17,592
Mjini Magharibi	-	-	35,873	100.0	35,873
Kaskazini Pemba	188	0.5	40,593	99.5	40,781
Kusini Pemba	2,145	3.9	52,234	96.1	54,379
<b>Tanzania Zanzibar</b>	<b>3,064</b>	<b>1.7</b>	<b>177,155</b>	<b>98.3</b>	<b>180,219</b>
<b>Tanzania</b>	<b>106,549</b>	<b>1.4</b>	<b>7,730,854</b>	<b>98.6</b>	<b>7,837,403</b>

**Table 4.137: Number of Agricultural Households Harvesting Honey by Type of Bee and Region During 2019/20 Agricultural Year, Tanzania**

Region	Harvested Honey			Not Harvested Honey			Total
	Stingless Bee	Sting Bee	Total	Stingless Bee	Sting Bee	Total	
Dodoma	623	2,007	2,630	7,451	6,067	13,518	8,074
Arusha	725	3,077	3,802	5,802	3,451	9,253	6,527
Kilimanjaro	1,420	312	1,732	3,101	4,209	7,310	4,521
Tanga	731	3,676	4,407	3,801	857	4,658	4,532
Morogoro	123	1,241	1,364	1,632	514	2,146	1,755
Pwani	98	778	876	794	114	908	893
Dar es Salaam	-	-	-	-	-	-	-
Lindi	-	180	180	180	-	180	180
Mtwara	-	-	-	-	-	-	-
Ruvuma	391	890	1,281	1,784	1,286	3,070	2,175
Iringa	1,406	3,645	5,051	7,438	5,200	12,638	8,844
Mbeya	537	4,260	4,797	6,483	2,760	9,243	7,020
Singida	1,049	10,149	11,198	14,396	5,297	19,693	15,445
Tabora	198	2,137	2,335	8,045	6,105	14,150	8,243
Rukwa	-	1,241	1,241	1,460	219	1,679	1,460
Kigoma	228	2,129	2,357	6,043	4,143	10,186	6,272
Shinyanga	339	794	1,133	2,474	2,018	4,492	2,813
Kagera	-	3,384	3,384	5,969	2,585	8,554	5,969
Mwanza	-	188	188	812	624	1,436	812
Mara	305	626	931	1,220	899	2,119	1,525
Manyara	842	1,358	2,200	2,715	2,198	4,913	3,556
Njombe	432	1,189	1,621	2,622	1,865	4,487	3,054
Katavi	83	804	887	3,057	2,336	5,393	3,141
Simiyu	435	869	1,304	869	435	1,304	1,304
Geita	473	1,123	1,596	2,289	1,639	3,928	2,762
Songwe	708	1,155	1,863	2,080	1,633	3,713	2,789
<b>Mainland Tanzania</b>	<b>11,146</b>	<b>47,212</b>	<b>58,358</b>	<b>92,517</b>	<b>56,454</b>	<b>148,971</b>	<b>103,666</b>
Kaskazini Unguja	-	-	-	-	-	-	-
Kusini Unguja	153	297	450	578	434	1,012	731
Mjini Magharibi	-	-	-	-	-	-	-
Kaskazini Pemba	-	188	188	188	-	188	188
Kusini Pemba	222	335	557	1,923	1,809	3,732	2,145
<b>Tanzania Zanzibar</b>	<b>375</b>	<b>820</b>	<b>1,195</b>	<b>2,689</b>	<b>2,243</b>	<b>4,932</b>	<b>3,064</b>
<b>Tanzania</b>	<b>11,521</b>	<b>48,032</b>	<b>59,553</b>	<b>95,206</b>	<b>58,697</b>	<b>153,903</b>	<b>106,730</b>

**Table 4.138: Number of Agricultural Households, Type of Beehives and Bees by Region During 2019/20 Agricultural Year, Tanzania**

Region	Local Beehives				Improved Beehives			
	Small Bees		Large Bees		Small Bees		Large Bees	
	Number of Households	Number of Hives	Number of Households	Number of Hives	Number of Households	Number of Hives	Number of Households	Number of Hives
Dodoma	1,700	20,949	6,585	93,295	-	-	-	-
Arusha	1,740	6,518	5,868	56,942	-	-	747	1,910
Kilimanjaro	3,869	15,161	917	3,659	408	1,909	-	-
Tanga	950	5,209	4,061	44,179	232	7,429	657	13,827
Morogoro	123	1,841	1,632	28,914	-	-	-	-
Pwani	-	-	741	15,847	98	98	249	2,298
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	180	3,603	-	-	180	541
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	654	4,954	1,678	25,833	283	1,416	214	1,715
Iringa	1,532	6,684	5,569	29,848	734	1,871	2,098	11,878
Mbeya	730	4,043	6,560	320,200	237	1,183	2,095	70,989
Singida	2,524	20,190	13,570	205,379	360	1,442	2,272	40,513
Tabora	447	37,442	7,477	676,189	-	-	1,394	274,392
Rukwa	-	-	1,460	27,847	-	-	-	-
Kigoma	1,413	3,637	4,759	49,467	414	414	1,613	30,378
Shinyanga	576	1,638	2,237	181,625	133	531	305	11,493
Kagera	-	-	5,565	40,216	-	-	922	6,285
Mwanza	-	-	812	812	-	-	188	188
Mara	562	848	937	3,234	445	445	289	1,970
Manyara	694	2,878	2,439	30,582	255	255	107	107
Njombe	112	1,124	1,524	9,399	-	-	1,505	14,028
Katavi	389	22,790	2,386	272,257	102	205	1,213	76,248
Simiyu	609	31,791	869	34,475	-	-	-	-
Geita	1,324	1,489,382	1,707	1,355,133	-	-	-	-
Songwe	920	2,442	2,080	25,885	-	-	364	1,820
<b>Mainland Tanzania</b>	<b>20,868</b>	<b>1,679,521</b>	<b>81,613</b>	<b>3,534,820</b>	<b>3,701</b>	<b>17,198</b>	<b>16,412</b>	<b>560,580</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	258	1,683	533	6,221	138	830	217	3,432
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	188	2,826	188	1,884	-	-	-	-
Kusini Pemba	101	405	1,659	16,590	120	360	406	2,162
<b>Tanzania Zanzibar</b>	<b>547</b>	<b>4,914</b>	<b>2,380</b>	<b>24,695</b>	<b>258</b>	<b>1,190</b>	<b>623</b>	<b>5,594</b>
<b>Tanzania</b>	<b>21,415</b>	<b>1,684,435</b>	<b>83,993</b>	<b>3,559,515</b>	<b>3,959</b>	<b>18,388</b>	<b>17,035</b>	<b>566,174</b>

**Table 4.139: Quantity of Honey Produced, Sold and Average Price by Type of Bees and Region During 2019/20 Agricultural Year, Tanzania**

Region	Small Bees (Stingless)			Large Bees (Sting)			Total	
	Amount Produced per Year (Litre)	Amount Sold (Litre)	Average Price per Litre (TZS)	Amount Produced per Year (Litre)	Amount Sold (Litre)	Average Price per Litre (TZS)	Honey Produced (Litre)	Honey Sold (Litre)
Dodoma	10,045	26,222	24,675	104,695	46,244	67,292	114,739	72,467
Arusha	6,196	4,447	24,414	122,351	97,115	30,080	128,547	101,562
Kilimanjaro	5,138	4,366	16,510	6,242	1,873	15,000	11,380	6,239
Tanga	13,049	8,264	26,624	98,223	71,522	9,976	111,272	79,786
Morogoro	3,681	-	-	39,426	23,022	39,128	43,107	23,022
Pwani	294	294	5,000	54,940	64,560	8,469	55,235	64,854
Dar es Salaam	-	-	-	-	-	-	-	-
Lindi	-	-	-	5,405	3,603	5,000	5,405	3,603
Mtwara	-	-	-	-	-	-	-	-
Ruvuma	3,011	1,477	7,000	14,060	5,938	7,646	17,072	7,415
Iringa	8,818	505	10,000	81,489	75,978	7,506	90,307	76,484
Mbeya	5,635	5,334	16,114	480,673	455,665	7,844	486,307	460,999
Singida	13,130	11,187	6,219	460,316	319,617	15,796	473,446	330,804
Tabora	1,976	1,976	3,500	168,915	79,478	5,899	170,891	81,454
Rukwa	-	-	-	44,904	32,375	5,000	44,904	32,375
Kigoma	228	-	-	124,601	100,319	6,206	124,829	100,319
Shinyanga	1,606	-	-	36,503	9,963	5,640	38,109	9,963
Kagera	-	-	-	67,995	23,815	5,000	67,995	23,815
Mwanza	-	-	-	752	564	5,000	752	564
Mara	1,239	811	5,000	6,628	4,008	6,821	7,868	4,819
Manyara	3,294	2,139	8,766	43,758	7,893	7,169	47,052	10,033
Njombe	8,649	3,200	6,000	11,086	5,494	9,432	19,735	8,695
Katavi	8,342	4,171	1,000	317,176	321,578	11,493	325,518	325,749
Simiyu	3,059	8,605	2,000	74,559	3,524	7,279	77,617	12,129
Geita	6,939	6,728	6,250	33,123	24,127	5,000	40,063	30,855
Songwe	3,383	2,622	5,000	91,903	74,944	7,729	95,287	77,566
<b>Mainland Tanzania</b>	<b>107,712</b>	<b>92,348</b>	<b>6,695</b>	<b>2,489,723</b>	<b>1,853,219</b>	<b>11,592</b>	<b>2,597,437</b>	<b>1,945,571</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-
Kusini Unguja	67	-	-	4,180	1,866	22,503	4,247	1,866
Mjini Magharibi	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	2,826	1,884	20,000	2,826	1,884
Kusini Pemba	1,126	1,025	21,215	2,759	2,166	24,085	3,885	3,191
<b>Tanzania Zanzibar</b>	<b>1,193</b>	<b>1,025</b>	<b>21,215</b>	<b>9,765</b>	<b>5,916</b>	<b>22,196</b>	<b>10,958</b>	<b>6,941</b>
<b>Tanzania</b>	<b>108,905</b>	<b>93,373</b>	<b>27,910</b>	<b>2,499,488</b>	<b>1,859,135</b>	<b>16,894</b>	<b>2,608,395</b>	<b>1,952,512</b>



**Table 4.140: Number of Agricultural Households by Type of Bees, Main Market for Selling Honey and Region During 2019/20 Agricultural Year, Tanzania**

Region	Neighbour		Auction		Open Market		Private Business People		Did Not Sell		Other		Total	
	Small Bee	Large Bee	Small Bee	Large Bee	Small Bee	Large Bee	Small Bee	Large Bee	Small Bee	Large Bee	Small Bee	Large Bee	Small Bee	Large Bee
Dodoma	623	883	-	-	-	-	-	195	300	929	-	-	922	2,007
Arusha	143	1,374	176	432	-	140	143	595	263	537	-	-	725	3,077
Kilimanjaro	1,054	-	-	-	-	312	-	-	366	-	-	-	1,420	312
Tanga	492	1,849	-	193	-	243	239	1,147	-	243	-	-	731	3,676
Morogoro	123	271	-	-	-	-	-	758	-	-	-	211	123	1,241
Pwani	98	392	-	235	-	-	-	151	-	-	-	-	98	778
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	180	-	-	-	-	-	-	-	-	-	-	-	180
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	211	627	180	-	-	-	-	-	-	263	-	-	391	890
Iringa	631	1,192	-	-	-	-	103	1,717	672	736	-	-	1,406	3,645
Mbeya	301	1,812	-	-	237	237	-	487	-	1,324	-	400	537	4,260
Singida	204	3,659	507	1,129	-	283	338	2,611	-	1,169	-	1,297	1,049	10,149
Tabora	-	243	-	259	-	185	198	687	-	499	-	263	198	2,137
Rukwa	-	593	-	-	-	362	-	286	-	-	-	-	-	1,241
Kigoma	-	228	-	-	-	581	-	662	228	658	-	-	228	2,129
Shinyanga	-	-	-	-	-	-	133	311	206	484	-	-	339	794
Kagera	-	1,015	-	-	-	-	-	388	-	1,635	-	346	-	3,384
Mwanza	-	-	-	-	-	188	-	-	-	-	-	-	-	188
Mara	162	318	-	-	-	307	-	-	143	-	-	-	305	626
Manyara	640	947	-	-	-	-	-	304	-	107	202	-	842	1,358
Njombe	432	747	-	-	-	-	-	253	-	189	-	-	432	1,189
Katavi	83	134	-	-	-	-	-	435	-	124	-	111	83	804
Simiyu	-	174	-	-	-	-	215	415	220	280	-	-	435	869
Geita	-	-	-	-	-	377	269	503	204	243	-	-	473	1,123
Songwe	328	576	-	-	-	-	-	579	381	-	-	-	708	1,155
<b>Mainland Tanzania</b>	<b>11,152</b>	<b>34,952</b>	<b>1,727</b>	<b>4,496</b>	<b>474</b>	<b>6,430</b>	<b>3,396</b>	<b>25,064</b>	<b>6,117</b>	<b>19,044</b>	<b>404</b>	<b>5,257</b>	<b>23,267</b>	<b>95,246</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-	-	94	153	203	-	-	153	297
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	188	-	-	-	-	-	-	-	-	-	-	-	188
Kusini Pemba	101	335	-	-	-	-	120	-	-	-	-	-	222	335
<b>Tanzania Zanzibar</b>	<b>101</b>	<b>523</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>120</b>	<b>94</b>	<b>153</b>	<b>203</b>	<b>-</b>	<b>-</b>	<b>375</b>	<b>820</b>
<b>Tanzania</b>	<b>11,253</b>	<b>35,475</b>	<b>1,727</b>	<b>4,496</b>	<b>474</b>	<b>6,430</b>	<b>3,516</b>	<b>25,158</b>	<b>6,270</b>	<b>19,247</b>	<b>404</b>	<b>5,257</b>	<b>23,642</b>	<b>96,066</b>

## **AGRICULTURAL CREDIT**

**Table 5.1: Number and Percentage of Agricultural Households Reported to Borrow Money for Agricultural Activities by Region During 2019/20 Agricultural Year, Tanzania**

Region	Borrowed Money		Not Borrowed Money		Total Number of Households
	Number	Percent	Number	Percent	
Dodoma	11,831	2.3	498,317	97.7	510,148
Arusha	7,488	3.4	213,527	96.6	221,016
Kilimanjaro	9,342	3.2	284,969	96.8	294,311
Tanga	957	0.3	350,455	99.7	351,412
Morogoro	16,131	3.9	397,085	96.1	413,216
Pwani	2,767	1.3	215,154	98.7	217,921
Dar es Salaam	6,075	1.5	408,226	98.5	414,300
Lindi	6,369	2.8	223,295	97.2	229,664
Mtwara	10,532	3.5	294,501	96.5	305,034
Ruvuma	17,736	5.3	314,284	94.7	332,020
Iringa	21,409	10.2	188,077	89.8	209,485
Mbeya	27,328	7.2	353,311	92.8	380,639
Singida	8,428	3.1	264,233	96.9	272,662
Tabora	32,359	8.7	337,613	91.3	369,971
Rukwa	11,870	5.4	206,380	94.6	218,249
Kigoma	4,179	1.2	344,199	98.8	348,378
Shinyanga	16,460	8.0	188,466	92.0	204,926
Kagera	8,924	1.8	474,095	98.2	483,019
Mwanza	12,693	3.1	393,341	96.9	406,034
Mara	2,446	1.0	231,484	99.0	233,931
Manyara	3,746	1.4	268,479	98.6	272,224
Njombe	7,789	4.9	152,319	95.1	160,108
Katavi	2,503	3.3	74,364	96.7	76,867
Simiyu	11,873	6.6	168,816	93.4	180,689
Geita	12,610	4.7	256,532	95.3	269,141
Songwe	17,190	6.1	264,631	93.9	281,820
<b>Mainland Tanzania</b>	<b>291,035</b>	<b>3.8</b>	<b>7,366,153</b>	<b>96.2</b>	<b>7,657,185</b>
Kaskazini Unguja	350	1.1	31,244	98.9	31,594
Kusini Unguja	1,595	9.1	15,998	90.9	17,593
Mjini Magharibi	772	2.2	35,101	97.8	35,873
Kaskazini Pemba	366	0.9	40,415	99.1	40,781
Kusini Pemba	500	0.9	53,879	99.1	54,379
<b>Tanzania Zanzibar</b>	<b>3,583</b>	<b>2.0</b>	<b>176,637</b>	<b>98.0</b>	<b>180,220</b>
<b>Tanzania</b>	<b>294,616</b>	<b>3.8</b>	<b>7,542,789</b>	<b>96.2</b>	<b>7,837,405</b>

**Table 5.2: Number of Agricultural Household Members Received First Credit by Source, Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit																	
	Family, Friend or Relative		Bank		Cooperative		Savings & Credit Societies		Trader/Trade Store		Private Individual		NGO/Project		Others		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Dodoma	5,338	769	329	-	-	-	197	724	-	-	2,302	1,235	-	-	454	481	8,620	3,210
Arusha	1,017	266	273	186	487	205	1,396	2,415	188	-	123	130	122	143	331	205	3,938	3,550
Kilimanjaro	932	273	705	-	86	183	1,850	1,063	119	-	355	98	243	385	391	2,659	4,680	4,662
Tanga	112	-	-	-	-	-	-	449	-	-	-	-	-	-	240	156	351	606
Morogoro	3,529	609	391	-	436	194	2,028	1,368	151	-	5,511	1,280	-	123	151	358	12,198	3,932
Pwani	276	-	642	295	139	-	-	119	-	-	760	-	241	-	128	166	2,186	581
Dar es Salaam	805	-	1,062	1,548	-	664	-	1,135	-	-	-	-	-	-	-	860	1,867	4,208
Lindi	-	154	1,024	-	2,877	1,451	-	-	528	-	-	-	-	-	-	336	4,429	1,941
Mtwara	-	-	3,636	455	4,054	1,187	99	-	-	-	590	320	191	-	-	-	8,570	1,963
Ruvuma	3,203	151	1,013	448	3,874	221	1,665	915	1,199	-	3,218	622	-	217	241	750	14,413	3,322
Iringa	4,481	1,408	192	441	1,816	1,114	637	917	674	-	1,300	1,202	4,553	371	1,933	370	15,586	5,823
Mbeya	4,763	1,225	2,191	231	5,340	1,008	1,621	3,040	1,523	-	3,617	446	206	520	1,047	549	20,308	7,020
Singida	1,516	1,070	639	-	1,120	-	1,227	202	-	-	1,854	309	-	-	210	280	6,567	1,861
Tabora	6,043	2,082	378	240	17,216	423	194	-	-	-	1,541	820	1,376	290	1,444	310	28,193	4,166
Rukwa	2,948	389	213	-	881	-	679	549	1,154	-	4,809	248	-	-	-	-	10,684	1,186
Kigoma	764	-	-	-	1,442	-	362	472	-	-	-	-	263	638	-	239	2,831	1,348
Shinyanga	6,866	1,906	351	234	2,085	221	1,148	295	114	-	2,145	143	234	153	360	204	13,303	3,157
Kagera	2,035	677	-	430	-	-	1,490	1,391	-	-	-	622	491	172	-	1,615	4,016	4,908
Mwanza	2,637	-	-	-	1,589	-	1,628	2,102	-	-	2,366	476	598	405	891	-	9,709	2,984
Mara	684	-	-	-	-	156	326	570	-	276	435	-	-	-	-	-	1,445	1,001
Manyara	1,814	-	167	-	-	-	127	100	-	-	-	-	352	224	304	658	2,764	982
Njombe	251	290	-	-	807	841	350	647	-	236	-	196	2,091	1,358	150	572	3,649	4,141
Katavi	550	96	-	70	811	116	78	278	-	-	420	-	-	-	-	83	1,859	644
Simiyu	4,123	1,085	138	-	1,395	1,541	669	-	-	-	2,126	577	-	-	-	220	8,450	3,423
Geita	4,887	705	219	-	2,746	261	721	561	269	-	1,313	447	218	261	-	-	10,373	2,236
Songwe	3,197	-	-	-	3,761	1,038	215	283	1,346	-	4,475	933	1,401	240	300	-	14,695	2,494
<b>Mainland Tanzania</b>	<b>62,771</b>	<b>13,155</b>	<b>13,563</b>	<b>4,578</b>	<b>52,962</b>	<b>10,824</b>	<b>18,707</b>	<b>19,595</b>	<b>7,265</b>	<b>512</b>	<b>39,260</b>	<b>10,104</b>	<b>12,580</b>	<b>5,500</b>	<b>8,575</b>	<b>11,071</b>	<b>215,684</b>	<b>75,349</b>
Kaskazini Unguja	123	-	-	-	51	51	124	-	-	-	-	-	-	-	-	-	299	51
Kusini Unguja	165	-	104	57	346	500	113	-	55	-	201	-	-	55	-	-	983	612
Mjini Magharibi	-	-	-	-	45	581	-	47	-	-	-	43	56	-	-	-	101	671
Kaskazini Pemba	-	-	-	-	-	-	-	119	-	150	-	-	97	-	-	-	97	269
Kusini Pemba	-	-	-	-	139	102	101	-	-	-	-	157	-	-	-	-	241	259
<b>Tanzania Zanzibar</b>	<b>288</b>	<b>-</b>	<b>104</b>	<b>57</b>	<b>581</b>	<b>1,234</b>	<b>338</b>	<b>166</b>	<b>55</b>	<b>150</b>	<b>201</b>	<b>200</b>	<b>153</b>	<b>55</b>	<b>-</b>	<b>-</b>	<b>1,721</b>	<b>1,862</b>
<b>Tanzania</b>	<b>63,059</b>	<b>13,155</b>	<b>13,667</b>	<b>4,635</b>	<b>53,543</b>	<b>12,058</b>	<b>19,045</b>	<b>19,761</b>	<b>7,320</b>	<b>662</b>	<b>39,461</b>	<b>10,304</b>	<b>12,733</b>	<b>5,555</b>	<b>8,575</b>	<b>11,071</b>	<b>217,405</b>	<b>77,211</b>

**Table 5.3: Number of Agricultural Household Members Received Second Credit by Source, Sex and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit																	
	Family, Friend or Relative		Bank		Cooperative		Savings & Credit Societies		Trader/Trade Store		Private Individual		NGO/Project		Others		Total	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Dodoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	355	-	-	-	-	-	-	-	-	-	355
Mbeya	258	-	-	-	-	-	-	-	-	-	154	-	-	-	-	-	411	-
Singida	-	-	199	-	-	-	451	-	-	-	-	-	-	-	-	-	650	-
Tabora	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shinyanga	111	-	-	-	114	-	-	-	-	-	-	-	-	-	143	-	368	-
Kagera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	-	-	405	-	-	-	-	-	405
Mara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Songwe	-	-	-	-	-	-	-	933	-	-	551	-	-	-	-	-	551	933
<b>Mainland Tanzania</b>	<b>369</b>	<b>-</b>	<b>199</b>	<b>-</b>	<b>114</b>	<b>-</b>	<b>451</b>	<b>1,288</b>	<b>-</b>	<b>-</b>	<b>705</b>	<b>405</b>	<b>-</b>	<b>-</b>	<b>143</b>	<b>-</b>	<b>1,980</b>	<b>1,693</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	61	93	-	-	-	-	-	-	-	-	-	-	61	93
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>61</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>61</b>	<b>93</b>
<b>Tanzania</b>	<b>369</b>	<b>-</b>	<b>199</b>	<b>-</b>	<b>175</b>	<b>93</b>	<b>451</b>	<b>1,288</b>	<b>-</b>	<b>-</b>	<b>705</b>	<b>405</b>	<b>-</b>	<b>-</b>	<b>143</b>	<b>-</b>	<b>2,040</b>	<b>1,787</b>

**Table 5.4: Number of Agricultural Household Members Reported the Use of First Credit by Region During 2019/20 Agricultural Year, Tanzania**

Region	Labour	Seeds	Fertilizers	Agrochemicals	Tools/Equipments	Irrigation Structures	Fish Farming	Beekeeping	Livestock	Other
Dodoma	4,459	5,107	-	674	4,494	-	-	-	674	1,828
Arusha	5,479	5,013	2,255	3,125	1,536	1,365	-	-	1,076	701
Kilimanjaro	6,247	6,507	5,907	4,534	1,210	178	-	-	304	1,659
Tanga	801	526	156	156	-	-	-	-	156	191
Morogoro	11,179	5,305	3,393	9,362	3,310	128	-	483	123	2,210
Pwani	2,121	1,604	1,448	2,463	936	484	-	-	-	266
Dar es Salaam	3,391	3,863	2,801	3,863	860	860	-	-	1,548	-
Lindi	1,936	1,014	950	5,827	256	-	-	-	-	796
Mtwara	3,193	1,000	1,346	9,694	1,824	-	-	-	-	668
Ruvuma	6,063	4,856	15,208	5,665	2,258	528	-	-	580	1,088
Iringa	8,613	10,486	16,420	9,109	2,612	2,442	-	-	355	2,076
Mbeya	11,172	9,210	20,833	11,167	4,463	1,639	-	-	363	2,264
Singida	4,384	5,217	2,622	1,949	635	-	-	-	1,323	1,734
Tabora	12,012	20,057	18,430	18,711	1,487	1,559	-	-	-	4,715
Rukwa	7,235	2,407	2,989	2,285	470	116	213	-	288	2,731
Kigoma	2,839	1,503	2,468	440	365	-	-	-	-	472
Shinyanga	9,428	8,453	3,417	4,142	574	-	-	-	-	1,407
Kagera	5,397	6,746	1,812	2,734	1,628	-	-	-	2,617	259
Mwanza	5,718	7,109	1,888	4,186	1,845	256	-	-	865	3,555
Mara	2,009	1,001	392	565	506	-	-	-	131	399
Manyara	2,253	2,535	230	1,072	448	-	-	-	324	373
Njombe	2,213	4,321	6,946	1,957	281	122	-	-	-	240
Katavi	1,934	1,270	812	1,031	-	-	-	-	96	253
Simiyu	5,140	7,398	1,699	4,535	597	220	-	-	161	1,784
Geita	6,293	7,588	1,195	4,865	1,342	-	-	-	-	801
Songwe	9,234	4,573	8,408	2,854	1,711	215	-	-	932	1,049
<b>Mainland Tanzania</b>	<b>140,743</b>	<b>134,669</b>	<b>124,025</b>	<b>116,965</b>	<b>35,648</b>	<b>10,112</b>	<b>213</b>	<b>483</b>	<b>11,916</b>	<b>33,519</b>
Kaskazini Unguja	147	248	299	350	-	124	-	-	-	51
Kusini Unguja	1,052	712	509	604	159	273	55	55	55	663
Mjini Magharibi	290	673	334	581	290	290	-	-	290	101
Kaskazini Pemba	216	247	97	97	150	-	-	-	-	-
Kusini Pemba	361	101	241	241	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>2,066</b>	<b>1,981</b>	<b>1,480</b>	<b>1,873</b>	<b>599</b>	<b>687</b>	<b>55</b>	<b>55</b>	<b>345</b>	<b>815</b>
<b>Tanzania</b>	<b>142,804</b>	<b>136,650</b>	<b>125,506</b>	<b>118,835</b>	<b>36,247</b>	<b>10,801</b>	<b>268</b>	<b>538</b>	<b>12,260</b>	<b>34,335</b>

**Table 5.5: Number of Agricultural Household Members Reported the Use of Second Credit by Region During 2019/20Agricultural Year, Tanzania**

Region	Labour	Seeds	Fertilizers	Agrochemicals	Tools/Equipments	Irrigation Structures	Fish Farming	Bee Keeping	Livestock	Other
Dodoma	-	-	-	-	-	-	-	-	-	-
Arusha	-	-	-	-	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-	-	-	-	-
Tanga	-	-	-	-	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-	-	-	-	-
Pwani	-	-	-	-	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-	-	-	-	-
Lindi	-	-	-	-	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-	-	-	-	-
Iringa	-	-	-	-	-	-	-	-	-	355
Mbeya	258	-	154	-	-	-	-	-	-	-
Singida	199	199	451	-	199	-	-	-	199	-
Tabora	-	-	-	-	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-	-	-	-	-
Shinyanga	111	143	-	-	-	-	-	-	-	114
Kagera	-	-	-	-	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-	-	-	-	405
Mara	-	-	-	-	-	-	-	-	-	-
Manyara	-	-	-	-	-	-	-	-	-	-
Njombe	-	-	-	-	-	-	-	-	-	-
Katavi	-	-	-	-	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-	-	-	-	-
Geita	-	-	-	-	-	-	-	-	-	-
Songwe	1,484	-	-	-	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>2,052</b>	<b>342</b>	<b>605</b>	<b>-</b>	<b>199</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>199</b>	<b>874</b>
Kaskazini Unguja	-	-	-	-	-	-	-	-	-	-
Kusini Unguja	-	93	-	-	-	-	-	-	-	61
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>61</b>
<b>Tanzania</b>	<b>2,052</b>	<b>435</b>	<b>605</b>	<b>-</b>	<b>199</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>199</b>	<b>935</b>

**Table 5.6: Value of First Credit and Repayment by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	Family, Friend or Relative		Bank		Cooperative	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	1,115,877,170	1,819,238,659	658,900,000	988,350,000	-	-
Arusha	161,567,868	166,693,729	5,425,625,526	14,121,096,142	251,305,627	274,412,221
Kilimanjaro	390,994,332	243,124,383	3,228,681,113	10,852,066,300	299,561,320	2,015,663,655
Tanga	22,342,830	22,342,830	-	-	-	-
Morogoro	716,777,245	890,932,240	1,094,322,646	1,563,318,066	799,950,763	983,203,225
Pwani	55,250,000	68,979,625	1,530,836,745	1,846,795,871	44,589,489	44,589,489
Dar es Salaam	241,550,400	265,705,440	10,816,680,000	12,045,446,000	33,180,000	49,770,000
Lindi	30,777,273	30,777,273	1,738,056,450	1,949,083,364	802,847,767	11,426,942,586
Mtwara	-	-	12,195,521,454	16,394,748,925	662,782,692	853,959,820
Ruvuma	678,989,686	974,427,046	2,026,461,829	2,422,567,631	1,299,060,617	1,590,668,042
Iringa	1,583,417,734	1,451,808,863	571,530,381	633,337,324	2,759,821,438	3,114,196,916
Mbeya	1,918,760,866	3,995,157,570	22,302,648,878	27,234,161,150	14,072,709,751	16,080,112,174
Singida	1,063,326,638	748,032,932	25,146,902	164,098,553	530,186,530	586,600,824
Tabora	1,834,433,273	3,139,874,991	942,296,494	1,543,856,313	15,423,031,938	17,696,532,421
Rukwa	674,694,283	1,021,023,363	1,705,555,555	2,131,944,444	429,028,239	2,809,085,335
Kigoma	61,088,919	72,543,091	-	-	354,921,533	362,572,634
Shinyanga	1,613,204,859	2,270,960,068	1,022,715,935	1,274,879,410	1,655,056,607	4,857,147,935
Kagera	478,077,304	623,804,455	234,553,838	294,354,109	-	-
Mwanza	278,647,408	375,075,835	-	-	151,883,796	162,945,200
Mara	246,965,441	305,652,849	-	-	7,777,043	8,554,747
Manyara	294,320,369	341,765,395	1,668,421,053	2,255,872,106	-	-
Njombe	123,688,385	158,097,376	-	-	471,260,623	526,357,117
Katavi	172,771,022	295,925,739	10,563,362	11,619,698	319,135,758	365,878,995
Simiyu	957,343,175	1,550,624,565	41,281,853	49,538,224	271,649,330	349,855,508
Geita	1,497,497,693	1,695,584,504	109,330,659	1,222,754,088	307,277,423	326,906,465
Songwe	1,981,204,767	2,594,971,304	-	-	2,533,676,952	2,899,751,291
<b>Mainland Tanzania</b>	<b>18,193,568,940</b>	<b>25,123,124,125</b>	<b>67,349,130,673</b>	<b>98,999,887,718</b>	<b>43,480,695,236</b>	<b>67,385,706,600</b>
Kaskazini Unguja	36,359,269	36,359,269	-	-	25,437,346	25,437,346
Kusini Unguja	78,789,855	63,123,411	183,184,950	1,251,000,642	263,896,272	226,892,041
Mjini Magharibi	-	-	-	-	345,259,921	359,777,778
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	100,421,667	121,336,667
<b>Tanzania Zanzibar</b>	<b>115,149,124</b>	<b>99,482,680</b>	<b>183,184,950</b>	<b>1,251,000,642</b>	<b>735,015,206</b>	<b>733,443,832</b>
<b>Tanzania</b>	<b>18,308,718,065</b>	<b>25,222,606,803</b>	<b>67,532,315,625</b>	<b>100,250,888,360</b>	<b>44,215,710,441</b>	<b>68,119,150,433</b>



**Cont...Table 5.6: Value of First Credit and Repayment by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	Savings & Credit Societies		Trader/Trade Store		Private Individual	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	726,410,920	836,268,179	-	-	556,792,070	979,504,489
Arusha	2,902,710,399	3,200,511,408	29,919,224	42,020,707	75,762,500	94,871,936
Kilimanjaro	7,614,175,591	8,426,810,955	237,081,081	237,081,081	1,784,470,447	1,784,470,447
Tanga	96,519,054	109,997,706	-	-	-	-
Morogoro	1,072,342,151	1,225,924,225	181,450,659	181,450,659	935,682,381	1,399,851,798
Pwani	107,055,556	124,898,148	-	-	245,974,604	252,880,854
Dar es Salaam	170,324,000	195,872,600	-	-	-	-
Lindi	-	-	118,822,832	162,274,022	-	-
Mtwara	11,854,545	16,151,818	-	-	135,124,841	186,736,347
Ruvuma	842,935,089	1,200,868,443	251,352,839	417,371,476	879,677,884	1,407,698,730
Iringa	923,185,258	1,232,817,528	1,560,070,237	1,563,600,672	795,195,034	990,135,369
Mbeya	1,323,560,459	3,682,621,322	1,019,127,349	1,172,016,040	1,389,283,719	1,930,521,298
Singida	235,190,485	281,534,805	-	-	351,791,533	319,547,822
Tabora	58,104,134	87,156,200	-	-	217,631,048	316,041,876
Rukwa	391,509,200	518,208,221	223,033,494	341,978,194	2,108,560,577	3,148,831,382
Kigoma	83,407,658	102,994,077	-	-	-	-
Shinyanga	626,315,467	1,158,465,235	40,017,021	80,034,043	286,438,493	539,046,876
Kagera	1,619,635,515	1,697,907,941	-	-	62,199,811	62,199,811
Mwanza	450,324,324	528,479,312	-	-	811,957,362	1,213,518,398
Mara	294,751,887	359,437,931	41,393,939	55,191,919	165,920,707	284,238,384
Manyara	108,263,842	133,735,626	-	-	-	-
Njombe	300,152,065	319,530,340	11,790,727	12,969,800	78,564,706	104,752,876
Katavi	672,217,607	698,568,452	-	-	207,980,670	292,896,437
Simiyu	104,870,021	120,346,129	-	-	177,511,150	253,363,279
Geita	183,758,806	236,718,563	16,147,297	26,912,162	422,533,692	556,653,884
Songwe	278,838,483	322,492,492	539,039,774	615,361,825	1,370,804,955	2,091,330,283
<b>Mainland Tanzania</b>	<b>21,198,412,516</b>	<b>26,818,317,656</b>	<b>4,269,246,473</b>	<b>4,908,262,600</b>	<b>13,059,858,184</b>	<b>18,209,092,576</b>
Kaskazini Unguja	62,180,180	62,180,180	-	-	-	-
Kusini Unguja	43,542,029	46,685,797	16,366,087	16,366,087	30,547,717	30,547,717
Mjini Magharibi	7,072,500	7,072,500	-	-	760,278	760,278
Kaskazini Pemba	2,967,708	2,967,708	7,510,119	7,510,119	-	-
Kusini Pemba	50,680,556	50,680,556	-	-	15,705,882	15,705,882
<b>Tanzania Zanzibar</b>	<b>166,442,973</b>	<b>169,586,741</b>	<b>23,876,206</b>	<b>23,876,206</b>	<b>47,013,877</b>	<b>47,013,877</b>
<b>Tanzania</b>	<b>21,364,855,490</b>	<b>26,987,904,398</b>	<b>4,293,122,681</b>	<b>4,932,138,807</b>	<b>13,106,872,062</b>	<b>18,256,106,453</b>

**Cont...Table 5.6: Value of First Credit and Repayment by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	NGO/Project		Other		Total	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	-	-	194,983,541	219,017,433	3,252,963,701	4,842,378,760
Arusha	53,809,624	65,564,291	188,585,294	205,032,843	9,089,286,062	18,170,203,277
Kilimanjaro	299,079,964	327,732,319	984,322,737	1,301,977,748	14,838,366,585	25,188,926,888
Tanga	-	-	87,492,792	99,890,184	206,354,676	232,230,720
Morogoro	245,404,580	245,404,580	239,228,742	279,551,010	5,285,159,167	6,769,635,803
Pwani	7,708,000	7,708,000	121,630,199	139,102,199	2,113,044,593	2,484,954,186
Dar es Salaam	-	-	258,066,667	301,077,778	11,519,801,067	12,857,871,818
Lindi	-	-	100,850,000	102,530,833	2,791,354,322	13,671,608,078
Mtwara	11,859,336	11,859,336	-	-	13,017,142,868	17,463,456,246
Ruvuma	216,597,895	324,896,842	408,625,507	498,293,816	6,603,701,346	8,836,792,026
Iringa	2,465,007,068	3,126,500,013	625,250,943	663,534,868	11,283,478,093	12,775,931,553
Mbeya	211,849,242	246,389,152	309,448,583	393,186,513	42,547,388,847	54,734,165,219
Singida	-	-	51,727,091	62,661,273	2,257,369,179	2,162,476,209
Tabora	13,460,847,457	16,572,639,655	1,064,476,519	1,348,522,880	33,000,820,863	40,704,624,336
Rukwa	-	-	-	-	5,532,381,348	9,971,070,939
Kigoma	215,357,707	215,357,707	47,743,694	62,066,802	762,519,511	815,534,311
Shinyanga	231,869,459	282,019,263	88,593,190	80,435,656	5,564,211,031	10,542,988,486
Kagera	1,253,482,008	1,357,430,080	1,141,399,261	1,191,905,206	4,789,347,737	5,227,601,602
Mwanza	40,940,465	53,099,567	702,557,773	704,560,449	2,436,311,128	3,037,678,761
Mara	-	-	-	-	756,809,017	1,013,075,830
Manyara	2,120,709,063	2,214,284,453	290,805,789	299,370,351	4,482,520,116	5,245,027,931
Njombe	761,144,768	944,120,420	260,985,678	343,501,369	2,007,586,952	2,409,329,298
Katavi	-	-	25,025,000	25,025,000	1,407,693,419	1,689,914,321
Simiyu	-	-	10,990,852	13,189,023	1,563,646,381	2,336,916,728
Geita	44,487,086	57,558,707	-	-	2,581,032,656	4,123,088,373
Songwe	174,004,972	492,890,393	71,135,774	71,135,774	6,948,705,677	9,087,933,362
<b>Mainland Tanzania</b>	<b>21,814,158,694</b>	<b>26,545,454,778</b>	<b>7,273,925,626</b>	<b>8,405,569,008</b>	<b>196,638,996,342</b>	<b>276,395,415,061</b>
Kaskazini Unguja	-	-	-	-	123,976,795	123,976,795
Kusini Unguja	55,478,261	75,062,087	-	-	671,805,171	1,709,677,782
Mjini Magharibi	168,666,667	326,088,889	-	-	521,759,366	693,699,445
Kaskazini Pemba	48,452,381	48,452,381	-	-	58,930,208	58,930,208
Kusini Pemba	-	-	-	-	166,808,105	187,723,105
<b>Tanzania Zanzibar</b>	<b>272,597,309</b>	<b>449,603,357</b>	<b>-</b>	<b>-</b>	<b>1,543,279,645</b>	<b>2,774,007,335</b>
<b>Tanzania</b>	<b>22,086,756,002</b>	<b>26,995,058,134</b>	<b>7,273,925,627</b>	<b>8,405,569,007</b>	<b>198,182,275,993</b>	<b>279,169,422,395</b>

**Table 5.7: Value of Second Credit and Repayment by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	Family, Friend or Relative		Bank		Cooperative	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	-	-	-	-	-	-
Arusha	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-
Tanga	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-
Pwani	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-
Iringa	-	-	-	-	-	-
Mbeya	30,916,843	51,528,072	-	-	-	-
Singida	-	-	1,990,081,169	4,179,170,455	-	-
Tabora	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-
Shinyanga	11,091,674	11,091,674	-	-	45,644,415	54,773,298
Kagera	-	-	-	-	-	-
Mwanza	-	-	-	-	-	-
Mara	-	-	-	-	-	-
Manyara	-	-	-	-	-	-
Njombe	-	-	-	-	-	-
Katavi	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-
Geita	-	-	-	-	-	-
Songwe	-	-	-	-	-	-
<b>Mainland Tanzania</b>	<b>42,008,517</b>	<b>62,619,746</b>	<b>1,990,081,169</b>	<b>4,179,170,455</b>	<b>45,644,415</b>	<b>54,773,298</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	18,654,565	18,654,565
Mjini Magharibi	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18,654,565</b>	<b>18,654,565</b>
<b>Tanzania</b>	<b>42,008,517</b>	<b>62,619,746</b>	<b>1,990,081,169</b>	<b>4,179,170,455</b>	<b>64,298,980</b>	<b>73,427,863</b>

**Cont... Table 5.7: Value of Second Credit and Repayment by Source of Credit and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Source of Credit					
	Savings & Credit Societies		Trader/Trade Store		Private Individual	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	-	-	-	-	-	-
Arusha	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-
Tanga	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-
Pwani	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-
Iringa	10,646,027	11,710,630	-	-	-	-
Mbeya	-	-	-	-	115,300,137	184,480,220
Singida	22,529,221	22,529,221	-	-	-	-
Tabora	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-
Shinyanga	-	-	-	-	-	-
Kagera	-	-	-	-	-	-
Mwanza	-	-	-	-	36,477,303	44,583,371
Mara	-	-	-	-	-	-
Manyara	-	-	-	-	-	-
Njombe	-	-	-	-	-	-
Katavi	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-
Geita	-	-	-	-	-	-
Songwe	186,679,245	205,347,170	-	-	27,552,659	55,105,317
<b>Mainland Tanzania</b>	<b>219,854,493</b>	<b>239,587,021</b>	<b>-</b>	<b>-</b>	<b>179,330,099</b>	<b>284,168,908</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	-	-
Mjini Magharibi	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>219,854,493</b>	<b>239,587,021</b>	<b>-</b>	<b>-</b>	<b>179,330,099</b>	<b>284,168,908</b>

**Cont... Table 5.7: Value of Second Credit and Repayment by Source of Credit and Region During 2019/20  
Agricultural Year, Tanzania**

Region	Source of Credit					
	NGO/Project		Other		Total	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	-	-	-	-	-	-
Arusha	-	-	-	-	-	-
Kilimanjaro	-	-	-	-	-	-
Tanga	-	-	-	-	-	-
Morogoro	-	-	-	-	-	-
Pwani	-	-	-	-	-	-
Dar es Salaam	-	-	-	-	-	-
Lindi	-	-	-	-	-	-
Mtwara	-	-	-	-	-	-
Ruvuma	-	-	-	-	-	-
Iringa	-	-	-	-	10,646,027	11,710,630
Mbeya	-	-	-	-	146,216,980	236,008,292
Singida	-	-	-	-	2,012,610,390	4,201,699,676
Tabora	-	-	-	-	-	-
Rukwa	-	-	-	-	-	-
Kigoma	-	-	-	-	-	-
Shinyanga	-	-	5,137,479	5,137,479	61,873,568	71,002,451
Kagera	-	-	-	-	-	-
Mwanza	-	-	-	-	36,477,303	44,583,371
Mara	-	-	-	-	-	-
Manyara	-	-	-	-	-	-
Njombe	-	-	-	-	-	-
Katavi	-	-	-	-	-	-
Simiyu	-	-	-	-	-	-
Geita	-	-	-	-	-	-
Songwe	-	-	-	-	214,231,904	260,452,487
<b>Mainland Tanzania</b>	-	-	<b>5,137,479</b>	<b>5,137,479</b>	<b>2,482,056,172</b>	<b>4,825,456,907</b>
Kaskazini Unguja	-	-	-	-	-	-
Kusini Unguja	-	-	-	-	18,654,565	18,654,565
Mjini Magharibi	-	-	-	-	-	-
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	-	-	-	-	<b>18,654,565</b>	<b>18,654,565</b>
<b>Tanzania</b>	-	-	<b>5,137,479</b>	<b>5,137,479</b>	<b>2,500,710,738</b>	<b>4,844,111,471</b>

**Table 5.8: Total Value of First and Second Credits and Repayments by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	Family Friend or Relative		Bank		Cooperative	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of credit (TZS)	Value of Payment (TZS)
Dodoma	1,115,877,170	1,819,238,659	658,900,000	988,350,000	-	-
Arusha	161,567,868	166,693,729	5,425,625,526	14,121,096,142	251,305,627	274,412,221
Kilimanjaro	390,994,332	243,124,383	3,228,681,113	10,852,066,300	299,561,320	2,015,663,655
Tanga	22,342,830	22,342,830	-	-	-	-
Morogoro	716,777,245	890,932,240	1,094,322,646	1,563,318,066	799,950,763	983,203,225
Pwani	55,250,000	68,979,625	1,530,836,745	1,846,795,871	44,589,489	44,589,489
Dar es Salaam	241,550,400	265,705,440	10,816,680,000	12,045,446,000	33,180,000	49,770,000
Lindi	30,777,273	30,777,273	1,738,056,450	1,949,083,364	802,847,767	11,426,942,586
Mtwara	-	-	12,195,521,454	16,394,748,925	662,782,692	853,959,820
Ruvuma	678,989,686	974,427,046	2,026,461,829	2,422,567,631	1,299,060,617	1,590,668,042
Iringa	1,583,417,734	1,451,808,863	571,530,381	633,337,324	2,759,821,438	3,114,196,916
Mbeya	1,949,677,709	4,046,685,642	22,302,648,878	27,234,161,150	14,072,709,751	16,080,112,174
Singida	1,063,326,638	748,032,932	2,015,228,071	4,343,269,008	530,186,530	586,600,824
Tabora	1,834,433,273	3,139,874,991	942,296,494	1,543,856,313	15,423,031,938	17,696,532,421
Rukwa	674,694,283	1,021,023,363	1,705,555,555	2,131,944,444	429,028,239	2,809,085,335
Kigoma	61,088,919	72,543,091	-	-	354,921,533	362,572,634
Shinyanga	1,624,296,533	2,282,051,742	1,022,715,935	1,274,879,410	1,700,701,022	4,911,921,233
Kagera	478,077,304	623,804,455	234,553,838	294,354,109	-	-
Mwanza	278,647,408	375,075,835	-	-	151,883,796	162,945,200
Mara	246,965,441	305,652,849	-	-	7,777,043	8,554,747
Manyara	294,320,369	341,765,395	1,668,421,053	2,255,872,106	-	-
Njombe	123,688,385	158,097,376	-	-	471,260,623	526,357,117
Katavi	172,771,022	295,925,739	10,563,362	11,619,698	319,135,758	365,878,995
Simiyu	957,343,175	1,550,624,565	41,281,853	49,538,224	271,649,330	349,855,508
Geita	1,497,497,693	1,695,584,504	109,330,659	1,222,754,088	307,277,423	326,906,465
Songwe	1,981,204,767	2,594,971,304	-	-	2,533,676,952	2,899,751,291
<b>Mainland Tanzania</b>	<b>18,235,577,457</b>	<b>25,185,743,871</b>	<b>69,339,211,842</b>	<b>103,179,058,173</b>	<b>43,526,339,651</b>	<b>67,440,479,898</b>
Kaskazini Unguja	36,359,269	36,359,269	-	-	25,437,346	25,437,346
Kusini Unguja	78,789,855	63,123,411	183,184,950	1,251,000,642	282,550,837	245,546,606
Mjini Magharibi	-	-	-	-	345,259,921	359,777,778
Kaskazini Pemba	-	-	-	-	-	-
Kusini Pemba	-	-	-	-	100,421,667	121,336,667
<b>Tanzania Zanzibar</b>	<b>115,149,124</b>	<b>99,482,680</b>	<b>183,184,950</b>	<b>1,251,000,642</b>	<b>753,669,771</b>	<b>752,098,397</b>
<b>Tanzania</b>	<b>18,350,726,583</b>	<b>25,285,226,549</b>	<b>69,522,396,794</b>	<b>104,430,058,815</b>	<b>44,280,009,421</b>	<b>68,192,578,296</b>

**Cont ....Table 5.8: Total Value of First and Second Credits and Repayments by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	Savings & Credit Societies		Trader/Trade Store		Private Individual	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	726,410,920	836,268,179	-	-	556,792,070	979,504,489
Arusha	2,902,710,399	3,200,511,408	29,919,224	42,020,707	75,762,500	94,871,936
Kilimanjaro	7,614,175,591	8,426,810,955	237,081,081	237,081,081	1,784,470,447	1,784,470,447
Tanga	96,519,054	109,997,706	-	-	-	-
Morogoro	1,072,342,151	1,225,924,225	181,450,659	181,450,659	935,682,381	1,399,851,798
Pwani	107,055,556	124,898,148	-	-	245,974,604	252,880,854
Dar es Salaam	170,324,000	195,872,600	-	-	-	-
Lindi	-	-	118,822,832	162,274,022	-	-
Mtwara	11,854,545	16,151,818	-	-	135,124,841	186,736,347
Ruvuma	842,935,089	1,200,868,443	251,352,839	417,371,476	879,677,884	1,407,698,730
Iringa	933,831,285	1,244,528,158	1,560,070,237	1,563,600,672	795,195,034	990,135,369
Mbeya	1,323,560,459	3,682,621,322	1,019,127,349	1,172,016,040	1,504,583,856	2,115,001,518
Singida	257,719,706	304,064,026	-	-	351,791,533	319,547,822
Tabora	58,104,134	87,156,200	-	-	217,631,048	316,041,876
Rukwa	391,509,200	518,208,221	223,033,494	341,978,194	2,108,560,577	3,148,831,382
Kigoma	83,407,658	102,994,077	-	-	-	-
Shinyanga	626,315,467	1,158,465,235	40,017,021	80,034,043	286,438,493	539,046,876
Kagera	1,619,635,515	1,697,907,941	-	-	62,199,811	62,199,811
Mwanza	450,324,324	528,479,312	-	-	848,434,665	1,258,101,769
Mara	294,751,887	359,437,931	41,393,939	55,191,919	165,920,707	284,238,384
Manyara	108,263,842	133,735,626	-	-	-	-
Njombe	300,152,065	319,530,340	11,790,727	12,969,800	78,564,706	104,752,876
Katavi	672,217,607	698,568,452	-	-	207,980,670	292,896,437
Simiyu	104,870,021	120,346,129	-	-	177,511,150	253,363,279
Geita	183,758,806	236,718,563	16,147,297	26,912,162	422,533,692	556,653,884
Songwe	465,517,728	527,839,662	539,039,774	615,361,825	1,398,357,614	2,146,435,600
<b>Mainland Tanzania</b>	<b>21,418,267,009</b>	<b>27,057,904,677</b>	<b>4,269,246,473</b>	<b>4,908,262,600</b>	<b>13,239,188,283</b>	<b>18,493,261,484</b>
Kaskazini Unguja	62,180,180	62,180,180	-	-	-	-
Kusini Unguja	43,542,029	46,685,797	16,366,087	16,366,087	30,547,717	30,547,717
Mjini Magharibi	7,072,500	7,072,500	-	-	760,278	760,278
Kaskazini Pemba	2,967,708	2,967,708	7,510,119	7,510,119	-	-
Kusini Pemba	50,680,556	50,680,556	-	-	15,705,882	15,705,882
<b>Tanzania Zanzibar</b>	<b>166,442,973</b>	<b>169,586,741</b>	<b>23,876,206</b>	<b>23,876,206</b>	<b>47,013,877</b>	<b>47,013,877</b>
<b>Tanzania</b>	<b>21,584,709,983</b>	<b>27,227,491,418</b>	<b>4,293,122,681</b>	<b>4,932,138,807</b>	<b>13,286,202,161</b>	<b>18,540,275,361</b>

**Cont ....Table 5.8: Total Value of First and Second Credits and Repayments by Source of Credit and Region During 2019/20 Agricultural Year, Tanzania**

Region	Source of Credit					
	NGO/Project		Other		Total	
	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)	Value of Credit (TZS)	Value of Payment (TZS)
Dodoma	-	-	194,983,541	219,017,433	3,252,963,701	4,842,378,760
Arusha	53,809,624	65,564,291	188,585,294	205,032,843	9,089,286,062	18,170,203,277
Kilimanjaro	299,079,964	327,732,319	984,322,737	1,301,977,748	14,838,366,585	25,188,926,888
Tanga	-	-	87,492,792	99,890,184	206,354,676	232,230,720
Morogoro	245,404,580	245,404,580	239,228,742	279,551,010	5,285,159,167	6,769,635,803
Pwani	7,708,000	7,708,000	121,630,199	139,102,199	2,113,044,593	2,484,954,186
Dar es Salaam	-	-	258,066,667	301,077,778	11,519,801,067	12,857,871,818
Lindi	-	-	100,850,000	102,530,833	2,791,354,322	13,671,608,078
Mtwara	11,859,336	11,859,336	-	-	13,017,142,868	17,463,456,246
Ruvuma	216,597,895	324,896,842	408,625,507	498,293,816	6,603,701,346	8,836,792,026
Iringa	2,465,007,068	3,126,500,013	625,250,943	663,534,868	11,294,124,120	12,787,642,183
Mbeya	211,849,242	246,389,152	309,448,583	393,186,513	42,693,605,827	54,970,173,511
Singida	-	-	51,727,091	62,661,273	4,269,979,569	6,364,175,885
Tabora	13,460,847,457	16,572,639,655	1,064,476,519	1,348,522,880	33,000,820,863	40,704,624,336
Rukwa	-	-	-	-	5,532,381,348	9,971,070,939
Kigoma	215,357,707	215,357,707	47,743,694	62,066,802	762,519,511	815,534,311
Shinyanga	231,869,459	282,019,263	93,730,669	85,573,135	5,626,084,599	10,613,990,937
Kagera	1,253,482,008	1,357,430,080	1,141,399,261	1,191,905,206	4,789,347,737	5,227,601,602
Mwanza	40,940,465	53,099,567	702,557,773	704,560,449	2,472,788,431	3,082,262,132
Mara	-	-	-	-	756,809,017	1,013,075,830
Manyara	2,120,709,063	2,214,284,453	290,805,789	299,370,351	4,482,520,116	5,245,027,931
Njombe	761,144,768	944,120,420	260,985,678	343,501,369	2,007,586,952	2,409,329,298
Katavi	-	-	25,025,000	25,025,000	1,407,693,419	1,689,914,321
Simiyu	-	-	10,990,852	13,189,023	1,563,646,381	2,336,916,728
Geita	44,487,086	57,558,707	-	-	2,581,032,656	4,123,088,373
Songwe	174,004,972	492,890,393	71,135,774	71,135,774	7,162,937,581	9,348,385,849
<b>Mainland Tanzania</b>	<b>21,814,158,694</b>	<b>26,545,454,778</b>	<b>7,279,063,105</b>	<b>8,410,706,487</b>	<b>199,121,052,514</b>	<b>281,220,871,968</b>
Kaskazini Unguja	-	-	-	-	123,976,795	123,976,795
Kusini Unguja	55,478,261	75,062,087	-	-	690,459,736	1,728,332,347
Mjini Magharibi	168,666,667	326,088,889	-	-	521,759,366	693,699,445
Kaskazini Pemba	48,452,381	48,452,381	-	-	58,930,208	58,930,208
Kusini Pemba	-	-	-	-	166,808,105	187,723,105
<b>Tanzania Zanzibar</b>	<b>272,597,309</b>	<b>449,603,357</b>	<b>-</b>	<b>-</b>	<b>1,561,934,210</b>	<b>2,792,661,900</b>
<b>Tanzania</b>	<b>22,086,756,002</b>	<b>26,995,058,134</b>	<b>7,279,063,106</b>	<b>8,410,706,486</b>	<b>200,682,986,731</b>	<b>284,013,533,866</b>



**Table 5.9: Number and Percentage of Agricultural Households Reported Main Reason for Not Borrowing Credit by Region During 2019/20 Agricultural Year, Tanzania**

Region	Not Needed		Not Available		Did Not want to go into Debt		Interest Rate/Cost Too High		Did Not Know How to Get Credit	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	124,247	24.9	136,965	27.5	133,401	26.8	37,165	7.5	36,539	7.3
Arusha	66,499	31.1	29,083	13.6	36,327	17.0	5,034	2.4	50,198	23.5
Kilimanjaro	124,614	43.7	6,289	2.2	38,248	13.4	12,542	4.4	62,277	21.9
Tanga	43,479	12.4	86,098	24.6	58,508	16.7	11,491	3.3	71,499	20.4
Morogoro	81,219	20.5	74,317	18.7	54,242	13.7	13,874	3.5	99,398	25.0
Pwani	46,273	21.5	23,191	10.8	30,134	14.0	9,168	4.3	47,687	22.2
Dar es Salaam	170,396	41.7	28,975	7.1	44,395	10.9	16,201	4.0	43,979	10.8
Lindi	32,182	14.4	48,842	21.9	22,029	9.9	4,973	2.2	56,774	25.4
Mtwara	60,391	20.5	16,419	5.6	83,890	28.5	14,359	4.9	68,436	23.2
Ruvuma	39,403	12.5	81,444	25.9	64,143	20.4	31,087	9.9	65,343	20.8
Iringa	28,255	15.0	21,314	11.3	53,687	28.5	12,294	6.5	34,224	18.2
Mbeya	98,730	27.9	64,669	18.3	81,161	23.0	17,687	5.0	41,115	11.6
Singida	92,007	34.8	39,691	15.0	67,523	25.6	6,941	2.6	16,491	6.2
Tabora	90,153	26.7	89,619	26.5	82,884	24.6	14,527	4.3	29,443	8.7
Rukwa	28,397	13.8	39,924	19.3	78,452	38.0	17,942	8.7	20,777	10.1
Kigoma	27,326	7.9	101,634	29.5	41,149	12.0	8,613	2.5	50,871	14.8
Shinyanga	51,673	27.4	16,692	8.9	53,085	28.2	17,077	9.1	28,377	15.1
Kagera	57,701	12.2	134,139	28.3	128,134	27.0	12,853	2.7	109,373	23.1
Mwanza	57,713	14.7	131,099	33.3	62,148	15.8	29,053	7.4	58,669	14.9
Mara	104,239	45.0	42,875	18.5	24,471	10.6	5,654	2.4	27,752	12.0
Manyara	88,875	33.1	94,301	35.1	25,939	9.7	8,465	3.2	21,253	7.9
Njombe	50,382	33.1	16,659	10.9	42,135	27.7	13,941	9.2	14,542	9.5
Katavi	12,237	16.5	13,616	18.3	13,030	17.5	3,825	5.1	12,537	16.9
Simiyu	59,076	35.0	24,136	14.3	39,486	23.4	11,180	6.6	17,553	10.4
Geita	61,623	24.0	83,951	32.7	42,249	16.5	2,242	0.9	50,558	19.7
Songwe	73,793	27.9	36,908	13.9	61,183	23.1	15,298	5.8	29,526	11.2
<b>Mainland Tanzania</b>	<b>1,770,883</b>	<b>24.0</b>	<b>1,482,850</b>	<b>20.1</b>	<b>1,462,033</b>	<b>19.8</b>	<b>353,486</b>	<b>4.8</b>	<b>1,165,191</b>	<b>15.8</b>
Kaskazini Unguja	3,409	10.9	11,688	37.4	4,907	15.7	501	1.6	7,745	24.8
Kusini Unguja	4,251	26.6	565	3.5	3,027	18.9	183	1.1	4,485	28.0
Mjini Magharibi	6,760	19.3	7,609	21.7	4,225	12.0	140	0.4	10,869	31.0
Kaskazini Pemba	1,361	3.4	11,168	27.6	6,648	16.4	219	0.5	16,632	41.2
Kusini Pemba	9,279	17.2	16,915	31.4	2,317	4.3	461	0.9	15,500	28.8
<b>Tanzania Zanzibar</b>	<b>25,060</b>	<b>14.2</b>	<b>47,945</b>	<b>27.1</b>	<b>21,124</b>	<b>12.0</b>	<b>1,504</b>	<b>0.9</b>	<b>55,231</b>	<b>31.3</b>
<b>Tanzania</b>	<b>1,795,944</b>	<b>23.8</b>	<b>1,530,794</b>	<b>20.3</b>	<b>1,483,155</b>	<b>19.7</b>	<b>354,988</b>	<b>4.7</b>	<b>1,220,424</b>	<b>16.2</b>

**Cont... Table 5.9: Number and Percentage of Agricultural Households Reported Main Reason for Not Borrowing Credit by Region During 2019/20 Agricultural Year, Tanzania**

Region	Difficult Bureaucratic Procedure		Credit Granted too Late		Don't Know about Credit		Other		Total
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	581	0.1	2,485	0.5	23,198	4.7	3,736	0.7	498,317
Arusha	4,069	1.9	95	0.0	19,229	9.0	2,993	1.4	213,527
Kilimanjaro	10,791	3.8	1,921	0.7	24,943	8.8	3,344	1.2	284,969
Tanga	12,920	3.7	1,634	0.5	62,415	17.8	2,411	0.7	350,455
Morogoro	6,057	1.5	694	0.2	60,909	15.3	6,376	1.6	397,086
Pwani	4,425	2.1	1,362	0.6	41,273	19.2	11,640	5.4	215,153
Dar es Salaam	16,729	4.1	5,445	1.3	64,178	15.7	17,926	4.4	408,224
Lindi	12,428	5.6	879	0.4	42,604	19.1	2,585	1.2	223,296
Mtwara	15,448	5.2	3,635	1.2	31,035	10.5	888	0.3	294,501
Ruvuma	5,299	1.7	4,578	1.5	19,545	6.2	3,443	1.1	314,285
Iringa	3,984	2.1	1,024	0.5	22,552	12.0	10,743	5.7	188,077
Mbeya	3,727	1.1	1,406	0.4	38,671	10.9	6,146	1.7	353,312
Singida	903	0.3	-		34,536	13.1	6,141	2.3	264,233
Tabora	1,540	0.5	1,083	0.3	24,876	7.4	3,487	1.0	337,612
Rukwa	2,459	1.2	1,750	0.8	12,558	6.1	4,120	2.0	206,379
Kigoma	11,345	3.3	3,918	1.1	97,817	28.4	1,525	0.4	344,198
Shinyanga	551	0.3	180	0.1	20,203	10.7	629	0.3	188,467
Kagera	5,395	1.1	1,285	0.3	16,867	3.6	8,347	1.8	474,094
Mwanza	10,564	2.7	1,117	0.3	36,097	9.2	6,881	1.7	393,341
Mara	3,143	1.4	888	0.4	21,897	9.5	565	0.2	231,484
Manyara	674	0.3	411	0.2	26,616	9.9	1,943	0.7	268,477
Njombe	802	0.5	2,360	1.5	9,670	6.3	1,828	1.2	152,319
Katavi	838	1.1	499	0.7	16,259	21.9	1,522	2.0	74,363
Simiyu	459	0.3	529	0.3	14,634	8.7	1,766	1.0	168,819
Geita	708	0.3	1,518	0.6	11,706	4.6	1,976	0.8	256,531
Songwe	2,794	1.1	7,294	2.8	35,166	13.3	2,668	1.0	264,630
<b>Mainland Tanzania</b>	<b>138,633</b>	<b>1.9</b>	<b>47,990</b>	<b>0.7</b>	<b>829,454</b>	<b>11.3</b>	<b>115,629</b>	<b>1.6</b>	<b>7,366,149</b>
Kaskazini Unguja	398	1.3	412	1.3	2,080	6.7	104	0.3	31,244
Kusini Unguja	61	0.4	165	1.0	2,979	18.6	283	1.8	15,999
Mjini Magharibi	44	0.1	40	0.1	4,967	14.2	446	1.3	35,100
Kaskazini Pemba	392	1.0	97	0.2	3,821	9.5	78	0.2	40,416
Kusini Pemba	461	0.9	-		8,485	15.7	461	0.9	53,879
<b>Tanzania Zanzibar</b>	<b>1,356</b>	<b>0.8</b>	<b>714</b>	<b>0.4</b>	<b>22,332</b>	<b>12.6</b>	<b>1,372</b>	<b>0.8</b>	<b>176,638</b>
<b>Tanzania</b>	<b>139,986</b>	<b>1.9</b>	<b>48,708</b>	<b>0.6</b>	<b>851,788</b>	<b>11.3</b>	<b>117,001</b>	<b>1.6</b>	<b>7,542,788</b>

**Table 5.10: Number and Percentage of Households Reported 5 Most Important Agricultural Constraints Ranked from the Most Important During 2019/20 Agricultural Year, Tanzania**

Constraint	1st Constraint		2nd Constraint		3rd Constraint		4th Constraint		5th Constraint	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Access to land	998,362	12.9	207,498	3.5	103,213	2.2	59,045	1.8	35,950	1.8
Land ownership	308,369	4.0	180,569	3.1	64,283	1.4	41,607	1.3	26,035	1.3
Soil fertility	393,573	5.1	255,181	4.4	130,003	2.8	75,888	2.3	38,585	2.0
Availability of quality seeds	286,893	3.7	320,337	5.5	187,711	4.1	110,492	3.4	62,660	3.2
Irrigation equipments	39,773	0.5	32,433	0.6	24,536	0.5	16,896	0.5	11,679	0.6
Availability of agro chemicals	99,447	1.3	203,894	3.5	131,694	2.9	91,962	2.8	60,448	3.1
Availability of veterinary drugs	62,300	0.8	84,558	1.4	60,285	1.3	45,668	1.4	31,343	1.6
Cost of inputs	1,152,368	14.9	994,917	17.0	586,079	12.7	226,473	7.0	106,314	5.4
Extension services	231,899	3.0	408,229	7.0	353,098	7.7	254,060	7.9	135,195	6.9
Availability of forest products	2,507	0.0	11,328	0.2	8,109	0.2	5,121	0.2	5,524	0.3
Access to credit	189,645	2.4	281,392	4.8	297,039	6.5	251,061	7.8	148,797	7.6
Harvesting	34,423	0.4	32,040	0.5	29,404	0.6	16,978	0.5	14,356	0.7
Threshing/dehulling	1,986	0.0	3,193	0.1	8,279	0.2	7,342	0.2	4,720	0.2
Crop storage	6,130	0.1	13,925	0.2	33,382	0.7	29,929	0.9	27,327	1.4
Agro processing	1,874	0.0	2,576	0.0	6,303	0.1	8,325	0.3	5,983	0.3
Access to market and marketing information	102,912	1.3	173,564	3.0	214,840	4.7	168,012	5.2	109,525	5.6
Transportation costs	46,788	0.6	94,913	1.6	127,258	2.8	113,841	3.5	66,784	3.4
Destruction by wild animals	262,307	3.4	215,626	3.7	174,536	3.8	123,604	3.8	57,655	2.9
Crop theft	89,677	1.2	92,650	1.6	73,033	1.6	64,340	2.0	45,854	2.3
Livestock theft	25,381	0.3	30,823	0.5	26,840	0.6	17,990	0.6	14,322	0.7
Pests and diseases	495,102	6.4	557,177	9.5	411,628	8.9	277,082	8.6	153,944	7.8
Cess	10,059	0.1	11,355	0.2	17,344	0.4	13,974	0.4	10,080	0.5
Off-farm income	53,199	0.7	69,212	1.2	78,518	1.7	71,748	2.2	44,448	2.3
Conflicts between farmers and livestock keepers	50,496	0.7	36,560	0.6	44,508	1.0	38,392	1.2	35,189	1.8
Climate change (drought, floods etc.)	1,326,432	17.1	493,507	8.4	382,020	8.3	247,888	7.7	142,793	7.2
Availability of inputs	256,324	3.3	259,643	4.4	244,954	5.3	175,397	5.4	90,120	4.6
Availability of industrial agrochemicals	61,518	0.8	90,244	1.5	104,672	2.3	83,070	2.6	61,941	3.1
Access to water for agricultural activities	17,366	0.2	25,594	0.4	28,415	0.6	26,644	0.8	21,241	1.1
Low prices of agricultural produces	532,619	6.9	457,603	7.8	439,707	9.5	364,054	11.3	229,061	11.6
Cost of land ownership	31,214	0.4	31,812	0.5	27,261	0.6	41,661	1.3	35,662	1.8
Governmental policies laws regulations and guidelines	17,349	0.2	13,217	0.2	17,878	0.4	16,556	0.5	11,049	0.6
Availability of quality pasture and animal feeds	19,807	0.3	25,661	0.4	34,846	0.8	28,533	0.9	22,325	1.1
Access to water for domestic use	68,749	0.9	60,894	1.0	72,542	1.6	61,846	1.9	50,793	2.6
No constraint	384,073	5.0	27,443	0.5	23,388	0.5	29,569	0.9	33,347	1.7
Lack of capital/money	18,789	0.2	12,172	0.2	8,230	0.2	5,792	0.2	4,300	0.2
Lack/poor infrastructure	1,930	0.0	2,328	0.0	1,121	0.0	2,667	0.1	1,259	0.1
Other	74,469	1.0	36,082	0.6	28,236	0.6	18,910	0.6	13,477	0.7
<b>Total</b>	<b>7,756,109</b>	<b>100.0</b>	<b>5,850,150</b>	<b>100.0</b>	<b>4,605,193</b>	<b>100.0</b>	<b>3,232,417</b>	<b>100.0</b>	<b>1,970,085</b>	<b>100.0</b>

**Table 5.11: Number and Percentage of Households Reported 5 Most Important Agricultural Constraints Ranked from the Most important During 2019/20 Agricultural Year, Mainland Tanzania**

Constraint	1st Constraint		2nd Constraint		3rd Constraint		4th Constraint		5th Constraint	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Access to land	978,589	12.9	205,896	3.6	102,131	2.3	57,813	1.8	34,617	1.8
Land ownership	300,361	4.0	175,395	3.1	62,274	1.4	41,044	1.3	25,414	1.3
Soil fertility	385,477	5.1	250,186	4.4	126,714	2.8	74,232	2.3	38,411	2.0
Availability of quality seeds	283,238	3.7	316,289	5.5	183,888	4.1	108,406	3.4	60,803	3.1
Irrigation equipments	38,066	0.5	31,537	0.6	23,909	0.5	16,211	0.5	11,394	0.6
Availability of agro chemicals	97,748	1.3	200,172	3.5	128,608	2.9	90,150	2.8	59,362	3.1
Availability of veterinary drugs	61,208	0.8	83,103	1.5	59,026	1.3	45,205	1.4	30,908	1.6
Cost of inputs	1,141,152	15.1	978,966	17.1	575,956	12.8	222,542	7.0	104,031	5.4
Extension services	228,118	3.0	401,736	7.0	344,011	7.6	248,559	7.8	132,159	6.8
Availability of forest products	2,367	0.0	11,165	0.2	8,109	0.2	5,121	0.2	5,259	0.3
Access to credit	186,769	2.5	275,679	4.8	289,364	6.4	247,405	7.8	147,288	7.6
Harvesting	34,036	0.4	31,846	0.6	29,012	0.6	16,978	0.5	13,971	0.7
Threshing/dehulling	1,986	0.0	3,193	0.1	8,279	0.2	7,342	0.2	4,720	0.2
Crop storage	6,086	0.1	13,358	0.2	32,478	0.7	29,666	0.9	26,215	1.4
Agro processing	1,874	0.0	2,576	0.0	6,303	0.1	8,325	0.3	5,983	0.3
Access to market and marketing information	102,520	1.4	172,089	3.0	214,056	4.7	166,639	5.3	108,255	5.6
Transportation costs	46,302	0.6	93,414	1.6	126,908	2.8	112,995	3.6	66,030	3.4
Destruction by wild animals	244,100	3.2	204,497	3.6	167,007	3.7	118,550	3.7	55,420	2.9
Crop theft	55,316	0.7	72,435	1.3	62,159	1.4	59,683	1.9	42,617	2.2
Livestock theft	17,037	0.2	15,739	0.3	19,473	0.4	12,808	0.4	12,762	0.7
Pests and diseases	476,974	6.3	545,457	9.5	402,758	8.9	270,507	8.5	151,383	7.8
Cess	10,002	0.1	11,355	0.2	17,344	0.4	13,974	0.4	10,080	0.5
Off-farm income	52,617	0.7	68,811	1.2	78,016	1.7	71,321	2.2	43,961	2.3
Conflicts between farmers and livestock keepers	49,255	0.6	35,521	0.6	42,119	0.9	36,167	1.1	34,344	1.8
Climate change (drought, floods etc.)	1,318,550	17.4	487,401	8.5	376,990	8.4	243,533	7.7	140,227	7.3
Availability of inputs	250,356	3.3	255,310	4.5	240,943	5.3	172,267	5.4	87,699	4.5
Availability of industrial agrochemicals	60,689	0.8	89,609	1.6	103,814	2.3	82,249	2.6	60,677	3.1
Access to water for agricultural activities	15,702	0.2	24,737	0.4	28,345	0.6	26,157	0.8	20,832	1.1
Low prices of agricultural produces	530,068	7.0	454,215	7.9	436,239	9.7	361,618	11.4	226,744	11.7
Cost of land ownership	31,088	0.4	31,812	0.6	26,394	0.6	40,750	1.3	34,266	1.8
Governmental policies laws regulations and guidelines	17,349	0.2	12,855	0.2	17,735	0.4	16,516	0.5	11,049	0.6
Availability of quality pasture and animal feeds	19,434	0.3	25,661	0.4	34,340	0.8	28,441	0.9	21,074	1.1
Access to water for domestic use	68,415	0.9	60,774	1.1	72,099	1.6	61,071	1.9	50,690	2.6
No constraint	373,198	4.9	25,830	0.5	22,802	0.5	29,569	0.9	33,295	1.7
Lack of capital/money	18,789	0.2	12,119	0.2	8,230	0.2	5,792	0.2	4,300	0.2
Lack/poor infrastructure	1,930	0.03	2,328	0.0	1,121	0.0	2,667	0.1	1,259	0.1
Other	73,362	1.0	35,791	0.6	27,651	0.6	18,596	0.6	13,311	0.7
<b>Total</b>	<b>7,580,128</b>	<b>100.0</b>	<b>5,718,857</b>	<b>100.0</b>	<b>4,506,605</b>	<b>100.0</b>	<b>3,170,869</b>	<b>100.0</b>	<b>1,930,810</b>	<b>100.0</b>

**Table 5.12: Number and Percentage of Households Reported 5 Most Important Agricultural Constraints Ranked from the Most important During 2019/20 Agricultural Year, Tanzania Zanzibar**

Constraint	1st Constraint		2nd Constraint		3rd Constraint		4th Constraint		5th Constraint	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Access to land	19,773	11.2	1,603	1.2	1,082	1.1	1,232	2.0	1,333	3.4
Land ownership	8,008	4.6	5,174	3.9	2,010	2.0	563	0.9	621	1.6
Soil fertility	8,096	4.6	4,996	3.8	3,290	3.3	1,655	2.7	174	0.4
Availability of quality seeds	3,655	2.1	4,047	3.1	3,823	3.9	2,086	3.4	1,856	4.7
Irrigation equipments	1,707	1.0	895	0.7	626	0.6	685	1.1	285	0.7
Availability of agro chemicals	1,700	1.0	3,722	2.8	3,086	3.1	1,811	2.9	1,086	2.8
Availability of veterinary drugs	1,092	0.6	1,455	1.1	1,259	1.3	463	0.8	436	1.1
Cost of inputs	11,216	6.4	15,951	12.1	10,123	10.3	3,931	6.4	2,283	5.8
Extension services	3,782	2.1	6,493	4.9	9,087	9.2	5,501	8.9	3,036	7.7
Availability of forest products	139	0.1	163	0.1	-	-	-	-	266	0.7
Access to credit	2,876	1.6	5,713	4.4	7,675	7.8	3,656	5.9	1,510	3.8
Harvesting	387	0.2	195	0.1	391	0.4	-	-	385	1.0
Threshing/dehulling	-	-	-	-	-	-	-	-	-	0.0
Crop storage	43	0.0	567	0.4	904	0.9	263	0.4	1,112	2.8
Agro processing	-	-	-	-	-	-	-	-	-	0.0
Access to market and marketing information	392	0.2	1,475	1.1	784	0.8	1,372	2.2	1,269	3.2
Transportation costs	486	0.3	1,499	1.1	350	0.4	846	1.4	754	1.9
Destruction by wild animals	18,207	10.3	11,130	8.5	7,529	7.6	5,054	8.2	2,235	5.7
Crop theft	34,360	19.5	20,214	15.4	10,874	11.0	4,657	7.6	3,237	8.2
Livestock theft	8,344	4.7	15,085	11.5	7,366	7.5	5,181	8.4	1,561	4.0
Pests and diseases	18,128	10.3	11,719	8.9	8,870	9.0	6,575	10.7	2,561	6.5
Cess	57	0.0	-	-	-	-	-	-	-	0.0
Off-farm income	582	0.3	401	0.3	502	0.5	428	0.7	487	1.2
Conflicts between farmers and livestock keepers	1,241	0.7	1,039	0.8	2,389	2.4	2,225	3.6	845	2.2
Climate change (drought, floods etc.)	7,882	4.5	6,106	4.7	5,030	5.1	4,355	7.1	2,566	6.5
Availability of inputs	5,968	3.4	4,333	3.3	4,011	4.1	3,130	5.1	2,421	6.2
Availability of industrial agrochemicals	830	0.5	635	0.5	859	0.9	821	1.3	1,265	3.2
Access to water for agricultural activities	1,664	0.9	858	0.7	69	0.1	487	0.8	409	1.0
Low prices of agricultural produces	2,552	1.5	3,388	2.6	3,468	3.5	2,436	4.0	2,318	5.9
Cost of land ownership	126	0.1	-	-	867	0.9	911	1.5	1,395	3.6
Governmental policies laws regulations and guidelines	-	-	362	0.3	143	0.1	40	0.1	-	0.0
Availability of quality pasture and animal feeds	373	0.2	-	-	506	0.5	92	0.1	1,251	3.2
Access to water for domestic use	334	0.2	121	0.1	443	0.4	775	1.3	103	0.3
No constraint	10,876	6.2	1,613	1.2	585	0.6	-	-	52	0.1
Lack of capital/money	-	-	53	0.0	-	-	-	-	-	0.0
Lack/poor infrastructure	-	-	-	-	-	-	-	-	-	0.0
Other	1,106	0.6	291	0.2	585	0.6	313	0.5	166	0.4
<b>Total</b>	<b>175,982</b>	<b>100</b>	<b>131,296</b>	<b>100</b>	<b>98,586</b>	<b>100</b>	<b>61,544</b>	<b>100</b>	<b>39,278</b>	<b>100.0</b>

## **POVERTY INDICATORS**

**Table 6.1: Number and Percentage of Households Reported Materials Used for Roof Construction by Region During 2019/20 Agricultural Year, Tanzania**

Region	Roof Material														Total
	Iron Sheets		Tiles		Concrete		Asbestos		Grass/leaves		Grass & mud		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	411,904	80.7	1,597	0.3	359	0.1	220	-	29,172	5.7	59,531	11.7	7,365	1.4	510,148
Arusha	152,700	69.1	-	-	-	-	559	0.3	46,905	21.2	20,853	9.4	-	-	221,016
Kilimanjaro	286,100	97.2	623	0.2	-	-	-	-	6,226	2.1	962	0.3	401	0.1	294,311
Tanga	280,897	79.9	2,817	0.8	-	-	771	0.2	60,036	17.1	1,419	0.4	5,472	1.6	351,412
Morogoro	337,595	81.7	840	0.2	-	-	1,397	0.3	67,123	16.2	5,710	1.4	551	0.1	413,216
Pwani	169,366	77.7	783	0.4	-	-	-	-	45,357	20.8	1,887	0.9	528	0.2	217,921
Dar es Salaam	397,931	96.0	6,468	1.6	8,184	2.0	-	-	1,717	0.4	-	-	-	-	414,300
Lindi	154,168	67.1	277	0.1	-	-	-	-	71,828	31.3	3,135	1.4	256	0.1	229,664
Mtwara	223,377	73.2	1,116	0.4	-	-	339	0.1	68,189	22.4	12,013	3.9	-	-	305,034
Ruvuma	265,382	79.9	-	-	-	-	-	-	59,085	17.8	7,052	2.1	501	0.2	332,020
Iringa	176,544	84.3	1,513	0.7	-	-	244	0.1	27,971	13.4	3,214	1.5	-	-	209,485
Mbeya	344,226	90.4	405	0.1	-	-	1,351	0.4	29,522	7.8	4,886	1.3	249	0.1	380,639
Singida	215,053	78.9	1,002	0.4	-	-	-	-	16,143	5.9	35,662	13.1	4,803	1.8	272,662
Tabora	229,682	62.1	-	-	-	-	406	0.1	127,141	34.4	11,503	3.1	1,239	0.3	369,971
Rukwa	162,767	74.6	443	0.2	-	-	-	-	45,742	21.0	9,298	4.3	-	-	218,249
Kigoma	285,585	82.0	1,707	0.5	-	-	-	-	58,180	16.7	2,238	0.6	667	0.2	348,378
Shinyanga	145,874	71.2	115	0.1	300	0.1	906	0.4	44,218	21.6	12,549	6.1	963	0.5	204,926
Kagera	433,905	89.8	1,049	0.2	-	-	613	0.1	41,558	8.6	4,970	1.0	925	0.2	483,019
Mwanza	345,611	85.1	1,531	0.4	-	-	1,085	0.3	54,614	13.5	3,191	0.8	-	-	406,034
Mara	185,362	79.2	-	-	-	-	358	0.2	44,824	19.2	3,328	1.4	59	0.0	233,931
Manyara	191,461	70.3	3,171	1.2	-	-	117	-	57,104	21.0	19,923	7.3	449	0.2	272,224
Njombe	154,871	96.7	302	0.2	-	-	0	-	4,192	2.6	743	0.5	-	-	160,108
Katavi	61,760	80.3	174	0.2	-	-	60	0.1	14,074	18.3	719	0.9	80	0.1	76,867
Simiyu	160,061	88.6	771	0.4	-	-	490	0.3	12,984	7.2	6,382	3.5	-	-	180,689
Geita	242,279	90.0	335	0.1	-	-	-	-	26,080	9.7	447	0.2	-	-	269,141
Songwe	231,937	82.3	334	0.1	-	-	-	-	48,614	17.3	935	0.3	-	-	281,820
Mainland Tanzania	6,246,398	81.6	27,373	0.4	8,843	0.1	8,916	0.1	1,108,599	14.5	232,550	3.0	24,508	0.3	7,657,185
Kaskazini Unguja	29,855	94.5	77	0.2	-	-	0	0.0	1,662	5.3	-	-	-	-	31,594
Kusini Unguja	15,762	89.6	108	0.6	-	-	270	1.5	1,453	8.3	-	-	-	-	17,593
Mjini Magharibi	33,106	92.3	-	-	-	-	-	-	2,466	6.9	301	0.8	-	-	35,873
Kaskazini Pemba	28,659	70.3	-	-	-	-	-	-	12,122	29.7	-	-	-	-	40,781
Kusini Pemba	50,545	92.9	-	-	-	-	-	-	3,834	7.1	-	-	-	-	54,379
Tanzania Zanzibar	157,927	87.6	185	0.1	-	-	270	0.1	21,537	12.0	301	0.2	-	-	180,220
Tanzania	6,404,325	81.7	27,558	0.4	8,843	0.1	9,186	0.1	1,130,136	14.4	232,851	3.0	24,508	0.3	7,837,405

**Table 6.2: Number and Percentage of Households Reported Materials Used for Floor Construction by Region During 2019/20 Agricultural Year, Tanzania**

Region	Floor Material														Total
	Earth/Sand		Wood Planks Bamboo Palm		Parquet/Polished Wood		Vinyl/Asphalt Strips		Ceramic Tiles/ Terrazzo		Cement		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	379,910	74.5	2,107	0.4	195	0.0	813	0.2	6,216	1.2	120,578	23.6	329	0.1	510,148
Arusha	145,215	65.7	3,977	1.8	451	0.2	528	0.2	8,685	3.9	62,160	28.1	-	-	221,016
Kilimanjaro	107,298	36.5	524	0.2	998	0.3	-	-	21,587	7.3	163,754	55.6	150	0.1	294,311
Tanga	235,835	67.1	3,566	1.0	166	0.0	-	-	8,009	2.3	101,844	29.0	1,992	0.6	351,412
Morogoro	237,651	57.5	1,135	0.3	281	0.1	513	0.1	3,897	0.9	161,259	39.0	8,479	2.1	413,216
Pwani	109,890	50.4	2,024	0.9	1,944	0.9	-	-	10,250	4.7	93,701	43.0	112	0.1	217,921
Dar es Salaam	22,215	5.4	-	-	-	-	-	-	76,344	18.4	313,952	75.8	1,789	0.4	414,300
Lindi	169,251	73.7	1,762	0.8	-	-	-	-	1,215	0.5	56,909	24.8	527	0.2	229,664
Mtwara	198,976	65.2	540	0.2	561	0.2	246	0.1	2,878	0.9	101,833	33.4	-	-	305,034
Ruvuma	216,986	65.4	811	0.2	1,064	0.3	-	-	1,433	0.4	108,681	32.7	3,044	0.9	332,020
Iringa	95,003	45.4	1,045	0.5	-	-	-	-	4,608	2.2	106,382	50.8	2,447	1.2	209,485
Mbeya	160,351	42.1	370	0.1	1,970	0.5	9,763	2.6	8,185	2.2	199,592	52.4	408	0.1	380,639
Singida	177,050	64.9	573	0.2	199	0.1	-	-	3,109	1.1	65,661	24.1	26,070	9.6	272,662
Tabora	259,283	70.1	719	0.2	2,283	0.6	-	-	3,050	0.8	104,636	28.3	-	-	369,971
Rukwa	131,009	60.0	353	0.2	-	-	-	-	1,038	0.5	85,849	39.3	-	-	218,249
Kigoma	281,218	80.7	1,238	0.4	1,336	0.4	-	-	6,446	1.9	57,528	16.5	611	0.2	348,378
Shinyanga	143,988	70.3	674	0.3	756	0.4	-	-	1,694	0.8	57,678	28.1	136	0.1	204,926
Kagera	351,782	72.8	3,954	0.8	-	-	-	-	8,508	1.8	114,764	23.8	4,011	0.8	483,019
Mwanza	241,888	59.6	1,843	0.5	789	0.2	-	-	9,134	2.2	151,821	37.4	560	0.1	406,034
Mara	155,764	66.6	720	0.3	615	0.3	-	-	3,588	1.5	73,185	31.3	59	0.0	233,931
Manyara	201,466	74.0	1,937	0.7	5,626	2.1	-	-	6,107	2.2	56,875	20.9	214	0.1	272,224
Njombe	72,262	45.1	330	0.2	308	0.2	404	0.3	1,543	1.0	85,261	53.3	-	-	160,108
Katavi	49,628	64.6	-	-	-	-	-	-	767	1.0	25,741	33.5	732	1.0	76,867
Simiyu	143,511	79.4	276	0.2	2,067	1.1	-	-	935	0.5	32,742	18.1	1,158	0.6	180,689
Geita	172,645	64.1	1,873	0.7	-	-	-	-	1,516	0.6	93,108	34.6	-	-	269,141
Songwe	151,268	53.7	10,003	3.5	2,873	1.0	-	-	1,285	0.5	116,391	41.3	-	-	281,820
Mainland Tanzania	4,611,343	60.2	42,354	0.6	24,482	0.3	12,267	0.2	202,027	2.6	2,711,885	35.4	52,828	0.7	7,657,185
Kaskazini Unguja	7,864	24.9	-	-	-	-	-	-	212	0.7	23,518	74.4	-	-	31,594
Kusini Unguja	2,423	13.8	-	-	-	-	-	-	820	4.7	14,349	81.6	-	-	17,593
Mjini Magharibi	5,721	15.9	-	-	-	-	-	-	1,239	3.5	28,912	80.6	-	-	35,873
Kaskazini Pemba	15,428	37.8	-	-	-	-	-	-	336	0.8	25,017	61.3	-	-	40,781
Kusini Pemba	19,456	35.8	-	-	-	-	-	-	355	0.7	34,568	63.6	-	-	54,379
Tanzania Zanzibar	50,892	28.2	-	-	-	-	-	-	2,962	1.6	126,364	70.1	-	-	180,220
Tanzania	4,662,235	59.5	42,354	0.5	24,482	0.3	12,267	0.2	204,989	2.6	2,838,249	36.2	52,828	0.7	7,837,405



**Table 6.3: Number and Percentage of Households Reported Materials Used for Wall Construction by Region During 2019/20 Agricultural Year, Tanzania**

Region	Wall Material																		Total
	Grass		Poles and Mud		Sun-Dried Bricks		Baked Bricks		Wood/Timber		Cement Blocks		Stones		Brick Stones		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	2,283	0.4	88,347	17.3	159,338	31.2	188,009	36.9	-	-	34,393	6.7	-	-	752	0.1	37,026	7.3	510,148
Arusha	886	0.4	135,723	61.4	5,913	2.7	25,800	11.7	4,372	2.0	44,995	20.4	138	0.1	1,247	0.6	1,941	0.9	221,016
Kilimanjaro	-	-	40,973	13.9	14,948	5.1	95,194	32.3	32,300	11.0	95,855	32.6	989	0.3	9,029	3.1	5,024	1.7	294,311
Tanga	-	-	198,531	56.5	24,048	6.8	92,384	26.3	243	0.1	32,697	9.3	817	0.2	370	0.1	2,321	0.7	351,412
Morogoro	573	0.1	85,735	20.7	12,547	3.0	283,572	68.6	400	0.1	24,218	5.9	201	0.0	1,421	0.3	4,550	1.1	413,216
Pwani	1,491	0.7	126,688	58.1	1,504	0.7	10,285	4.7	313	0.1	75,155	34.5	389	0.2	-	-	2,096	1.0	217,921
Dar es Salaam	-	-	16,965	4.1	75,391	18.2	4,559	1.1	-	-	308,967	74.6	3,097	0.7	3,534	0.9	1,787	0.4	414,300
Lindi	702	0.3	112,656	49.1	30,059	13.1	74,350	32.4	-	-	9,562	4.2	1,346	0.6	404	0.2	585	0.3	229,664
Mtwara	246	0.1	110,759	36.3	90,775	29.8	67,277	22.1	-	-	34,179	11.2	967	0.3	234	0.1	597	0.2	305,034
Ruvuma	753	0.2	12,129	3.7	18,825	5.7	294,180	88.6	2,008	0.6	3,029	0.9	-	-	726	0.2	370	0.1	332,020
Iringa	441	0.2	34,271	16.4	47,605	22.7	94,741	45.2	-	-	3,114	1.5	-	-	274	0.1	29,038	13.9	209,485
Mbeya	552	0.1	16,226	4.3	137,757	36.2	212,884	55.9	267	0.1	9,907	2.6	227	0.1	1,168	0.3	1,650	0.4	380,639
Singida	-	-	36,537	13.4	148,161	54.3	58,692	21.5	204	0.1	28,334	10.4	-	-	-	-	733	0.3	272,662
Tabora	258	0.1	46,067	12.5	207,463	56.1	99,154	26.8	-	-	14,769	4.0	-	-	314	0.1	1,947	0.5	369,971
Rukwa	406	0.2	864	0.4	26,262	12.0	189,707	86.9	411	0.2	201	0.1	201	0.1	-	-	198	0.1	218,249
Kigoma	601	0.2	25,022	7.2	44,037	12.6	274,997	78.9	619	0.2	1,795	0.5	385	0.1	-	-	923	0.3	348,378
Shinyanga	157	0.1	21,156	10.3	142,067	69.3	26,775	13.1	-	-	13,607	6.6	-	-	417	0.2	747	0.4	204,926
Kagera	2,487	0.5	228,409	47.3	65,090	13.5	163,798	33.9	449	0.1	20,940	4.3	-	-	259	0.1	1,589	0.3	483,019
Mwanza	979	0.2	19,800	4.9	180,118	44.4	131,559	32.4	2,160	0.5	66,331	16.3	561	0.1	2,108	0.5	2,418	0.6	406,034
Mara	225	0.1	53,181	22.7	50,493	21.6	109,869	47.0	-	-	19,494	8.3	610	0.3	-	-	59	0.0	233,931
Manyara	977	0.4	137,457	50.5	11,940	4.4	107,490	39.5	1,382	0.5	12,211	4.5	188	0.1	100	0.0	480	0.2	272,224
Njombe	236	0.1	1,546	1.0	6,833	4.3	149,793	93.6	124	0.1	1,368	0.9	-	-	208	0.1	-	-	160,108
Katavi	605	0.8	2,926	3.8	4,793	6.2	67,835	88.2	99	0.1	315	0.4	-	-	-	-	293	0.4	76,867
Simiyu	-	-	3,407	1.9	131,232	72.6	21,189	11.7	-	-	24,550	13.6	-	-	312	0.2	-	-	180,689
Geita	657	0.2	15,100	5.6	96,360	35.8	151,387	56.2	235	0.1	5,020	1.9	382	0.1	-	-	-	-	269,141
Songwe	823	0.3	3,202	1.1	42,449	15.1	232,800	82.6	288	0.1	1,198	0.4	-	-	1,060	0.4	-	-	281,820
Mainland Tanzania	16,338	0.2	1,573,677	20.6	1,776,008	23.2	3,228,280	42.2	45,874	0.6	886,204	11.6	10,498	0.1	23,937	0.3	96,372	1.3	7,657,185
Kaskazini Unguja	130	0.4	3,201	10.1	145	0.5	-	-	-	-	25,430	80.5	1,321	4.2	1,367	4.3	-	-	31,594
Kusini Unguja	70	0.4	2,217	12.6	2,884	16.4	-	-	-	-	6,928	39.4	5,102	29.0	54	0.3	337	1.9	17,593
Mjini Magharibi	-	-	4,283	11.9	14,041	39.1	179	0.5	-	-	16,886	47.1	149	0.4	290	0.8	45	0.1	35,873
Kaskazini Pemba	-	-	16,873	41.4	119	0.3	168	0.4	-	-	7,713	18.9	9,824	24.1	6,084	14.9	-	-	40,781
Kusini Pemba	-	-	32,895	60.5	150	0.3	-	-	-	-	7,699	14.2	1,617	3.0	12,018	22.1	-	-	54,379
Tanzania Zanzibar	200	0.1	59,469	33.0	17,339	9.6	347	0.2	-	-	64,656	35.9	18,013	10.0	19,813	11.0	382	0.2	180,220
Tanzania	16,538	0.2	1,633,146	20.8	1,793,347	22.9	3,228,627	41.2	45,874	0.6	950,860	12.1	28,511	0.4	43,750	0.6	96,754	1.2	7,837,405

**Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Asset									
	Radio/Cassette (Music System)					Telephone (Landline)				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Dodoma	184,390	36.1	325,758	63.9	510,148	1,792	0.4	508,356	99.6	510,148
Arusha	103,839	47.0	117,176	53.0	221,016	1,836	0.8	219,180	99.2	221,016
Kilimanjaro	211,994	72.0	82,317	28.0	294,311	3,031	1.0	291,280	99.0	294,311
Tanga	167,293	47.6	184,118	52.4	351,412	1,518	0.4	349,894	99.6	351,412
Morogoro	208,081	50.4	205,135	49.6	413,216	867	0.2	412,349	99.8	413,216
Pwani	113,056	51.9	104,865	48.1	217,921	628	0.3	217,293	99.7	217,921
Dar es Salaam	313,020	75.6	101,281	24.4	414,300	11,069	2.7	403,231	97.3	414,300
Lindi	97,178	42.3	132,486	57.7	229,664	-	-	229,664	100.0	229,664
Mtwara	118,533	38.9	186,501	61.1	305,033	1,110	0.4	303,924	99.6	305,033
Ruvuma	169,515	51.1	162,505	48.9	332,019	1,237	0.4	330,782	99.6	332,019
Iringa	100,291	47.9	109,195	52.1	209,486	346	0.2	209,139	99.8	209,486
Mbeya	217,440	57.1	163,199	42.9	380,639	1,671	0.4	378,968	99.6	380,639
Singida	108,943	40.0	163,719	60.0	272,662	1,638	0.6	271,024	99.4	272,662
Tabora	168,185	45.5	201,786	54.5	369,971	230	0.1	369,741	99.9	369,971
Rukwa	95,693	43.8	122,556	56.2	218,249	124	0.1	218,126	99.9	218,249
Kigoma	149,184	42.8	199,194	57.2	348,378	2,360	0.7	346,018	99.3	348,378
Shinyanga	87,415	42.7	117,511	57.3	204,927	456	0.2	204,471	99.8	204,927
Kagera	229,699	47.6	253,320	52.4	483,019	9,230	1.9	473,790	98.1	483,019
Mwanza	185,577	45.7	220,457	54.3	406,034	2,891	0.7	403,143	99.3	406,034
Mara	114,971	49.1	118,959	50.9	233,931	1,017	0.4	232,913	99.6	233,931
Manyara	80,017	29.4	192,207	70.6	272,224	2,201	0.8	270,024	99.2	272,224
Njombe	83,753	52.3	76,355	47.7	160,108	118	0.1	159,990	99.9	160,108
Katavi	37,527	48.8	39,340	51.2	76,867	104	0.1	76,763	99.9	76,867
Simiyu	62,645	34.7	118,044	65.3	180,689	964	0.5	179,725	99.5	180,689
Geita	115,092	42.8	154,049	57.2	269,141	988	0.4	268,154	99.6	269,141
Songwe	135,917	48.2	145,903	51.8	281,820	1,818	0.6	280,002	99.4	281,820
<b>Mainland Tanzania</b>	<b>3,659,248</b>	<b>47.8</b>	<b>3,997,936</b>	<b>52.2</b>	<b>7,657,185</b>	<b>49,244</b>	<b>0.6</b>	<b>7,607,944</b>	<b>99.4</b>	<b>7,657,185</b>
Kaskazini Unguja	18,110	57.3	13,484	42.7	31,594	181	0.6	31,412	99.4	31,594
Kusini Unguja	12,419	70.6	5,174	29.4	17,593	86	0.5	17,507	99.5	17,593
Mjini Magharibi	23,430	65.3	12,443	34.7	35,873	-	-	35,873	100.0	35,873
Kaskazini Pemba	10,916	26.8	29,865	73.2	40,781	89	0.2	40,692	99.8	40,781
Kusini Pemba	19,537	35.9	34,842	64.1	54,379	-	-	54,379	100.0	54,379
<b>Tanzania Zanzibar</b>	<b>84,412</b>	<b>46.8</b>	<b>95,808</b>	<b>53.2</b>	<b>180,220</b>	<b>356</b>	<b>0.2</b>	<b>179,863</b>	<b>99.8</b>	<b>180,220</b>
<b>Tanzania</b>	<b>3,743,660</b>	<b>47.8</b>	<b>4,093,744</b>	<b>52.2</b>	<b>7,837,405</b>	<b>49,600</b>	<b>0.6</b>	<b>7,787,807</b>	<b>99.4</b>	<b>7,837,405</b>

**Cont...Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Asset									
	Telephone (Mobile)					Pressing Iron				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Dodoma	384,837	75.4	125,311	24.6	510,148	59,267	11.6	450,881	88.4	510,148
Arusha	194,753	88.1	26,262	11.9	221,016	44,525	20.1	176,491	79.9	221,016
Kilimanjaro	266,864	90.7	27,447	9.3	294,311	135,895	46.2	158,415	53.8	294,311
Tanga	305,184	86.8	46,227	13.2	351,412	68,695	19.5	282,716	80.5	351,412
Morogoro	339,483	82.2	73,733	17.8	413,216	76,710	18.6	336,506	81.4	413,216
Pwani	194,708	89.3	23,213	10.7	217,921	50,208	23.0	167,713	77.0	217,921
Dar es Salaam	387,786	93.6	26,515	6.4	414,300	237,795	57.4	176,505	42.6	414,300
Lindi	173,644	75.6	56,020	24.4	229,664	28,215	12.3	201,449	87.7	229,664
Mtwara	223,080	73.1	81,953	26.9	305,033	36,587	12.0	268,447	88.0	305,033
Ruvuma	263,433	79.3	68,586	20.7	332,019	64,499	19.4	267,521	80.6	332,019
Iringa	163,403	78.0	46,083	22.0	209,486	64,479	30.8	145,007	69.2	209,486
Mbeya	321,925	84.6	58,714	15.4	380,639	126,078	33.1	254,561	66.9	380,639
Singida	213,635	78.4	59,027	21.6	272,662	49,158	18.0	223,504	82.0	272,662
Tabora	318,020	86.0	51,951	14.0	369,971	61,051	16.5	308,920	83.5	369,971
Rukwa	146,777	67.3	71,472	32.7	218,249	29,713	13.6	188,536	86.4	218,249
Kigoma	271,077	77.8	77,301	22.2	348,378	45,161	13.0	303,217	87.0	348,378
Shinyanga	168,051	82.0	36,876	18.0	204,927	32,783	16.0	172,143	84.0	204,927
Kagera	342,607	70.9	140,412	29.1	483,019	72,373	15.0	410,647	85.0	483,019
Mwanza	340,088	83.8	65,946	16.2	406,034	80,902	19.9	325,132	80.1	406,034
Mara	197,102	84.3	36,829	15.7	233,931	42,995	18.4	190,936	81.6	233,931
Manyara	218,801	80.4	53,423	19.6	272,224	37,399	13.7	234,826	86.3	272,224
Njombe	119,522	74.7	40,586	25.3	160,108	25,764	16.1	134,344	83.9	160,108
Katavi	62,430	81.2	14,437	18.8	76,867	11,777	15.3	65,090	84.7	76,867
Simiyu	158,075	87.5	22,614	12.5	180,689	33,119	18.3	147,570	81.7	180,689
Geita	233,373	86.7	35,768	13.3	269,141	56,098	20.8	213,043	79.2	269,141
Songwe	212,527	75.4	69,293	24.6	281,820	44,674	15.9	237,146	84.1	281,820
<b>Mainland Tanzania</b>	<b>6,221,185</b>	<b>81.2</b>	<b>1,435,999</b>	<b>18.8</b>	<b>7,657,185</b>	<b>1,615,920</b>	<b>21.1</b>	<b>6,041,266</b>	<b>78.9</b>	<b>7,657,185</b>
Kaskazini Unguja	28,852	91.3	2,741	8.7	31,594	5,013	15.9	26,580	84.1	31,594
Kusini Unguja	16,484	93.7	1,108	6.3	17,593	5,585	31.7	12,007	68.3	17,593
Mjini Magharibi	33,729	94.0	2,144	6.0	35,873	16,063	44.8	19,810	55.2	35,873
Kaskazini Pemba	37,133	91.1	3,648	8.9	40,781	5,123	12.6	35,658	87.4	40,781
Kusini Pemba	50,375	92.6	4,004	7.4	54,379	10,280	18.9	44,099	81.1	54,379
<b>Tanzania Zanzibar</b>	<b>166,573</b>	<b>92.4</b>	<b>13,645</b>	<b>7.6</b>	<b>180,220</b>	<b>42,064</b>	<b>23.3</b>	<b>138,154</b>	<b>76.7</b>	<b>180,220</b>
<b>Tanzania</b>	<b>6,387,758</b>	<b>81.5</b>	<b>1,449,644</b>	<b>18.5</b>	<b>7,837,405</b>	<b>1,657,984</b>	<b>21.2</b>	<b>6,179,420</b>	<b>78.8</b>	<b>7,837,405</b>

Cont...Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania

Region	Type of Asset									
	Wheelbarrow					Bicycle				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total
Number	Percent	Number	Percent	Number		Percent	Number	Percent		
Dodoma	40,096	7.9	470,052	92.1	510,148	176,806	34.7	333,342	65.3	510,148
Arusha	26,729	12.1	194,287	87.9	221,016	30,892	14.0	190,124	86.0	221,016
Kilimanjaro	33,071	11.2	261,240	88.8	294,311	58,036	19.7	236,275	80.3	294,311
Tanga	10,360	2.9	341,052	97.1	351,412	102,310	29.1	249,101	70.9	351,412
Morogoro	13,227	3.2	399,989	96.8	413,216	210,493	50.9	202,723	49.1	413,216
Pwani	11,307	5.2	206,614	94.8	217,921	81,289	37.3	136,632	62.7	217,921
Dar es Salaam	33,032	8.0	381,268	92.0	414,300	49,569	12.0	364,731	88.0	414,300
Lindi	1,032	0.4	228,632	99.6	229,664	120,862	52.6	108,802	47.4	229,664
Mtwara	1,296	0.4	303,737	99.6	305,033	174,523	57.2	130,511	42.8	305,033
Ruvuma	6,255	1.9	325,764	98.1	332,019	101,853	30.7	230,166	69.3	332,019
Iringa	9,038	4.3	200,448	95.7	209,486	64,314	30.7	145,172	69.3	209,486
Mbeya	18,381	4.8	362,258	95.2	380,639	159,875	42.0	220,763	58.0	380,639
Singida	37,015	13.6	235,647	86.4	272,662	104,770	38.4	167,892	61.6	272,662
Tabora	58,028	15.7	311,943	84.3	369,971	291,741	78.9	78,230	21.1	369,971
Rukwa	8,317	3.8	209,932	96.2	218,249	78,337	35.9	139,912	64.1	218,249
Kigoma	7,036	2.0	341,342	98.0	348,378	171,492	49.2	176,886	50.8	348,378
Shinyanga	30,113	14.7	174,814	85.3	204,927	152,765	74.5	52,162	25.5	204,927
Kagera	12,127	2.5	470,892	97.5	483,019	165,773	34.3	317,247	65.7	483,019
Mwanza	26,044	6.4	379,990	93.6	406,034	211,561	52.1	194,473	47.9	406,034
Mara	13,927	6.0	220,004	94.0	233,931	85,008	36.3	148,923	63.7	233,931
Manyara	36,495	13.4	235,729	86.6	272,224	81,449	29.9	190,776	70.1	272,224
Njombe	5,048	3.2	155,060	96.8	160,108	50,280	31.4	109,828	68.6	160,108
Katavi	5,185	6.7	71,682	93.3	76,867	51,010	66.4	25,857	33.6	76,867
Simiyu	46,850	25.9	133,839	74.1	180,689	121,067	67.0	59,622	33.0	180,689
Geita	24,137	9.0	245,004	91.0	269,141	193,602	71.9	75,539	28.1	269,141
Songwe	27,840	9.9	253,980	90.1	281,820	87,495	31.0	194,326	69.0	281,820
Mainland Tanzania	541,986	7.1	7,115,199	92.9	7,657,185	3,177,172	41.5	4,480,015	58.5	7,657,185
Kaskazini Unguja	387	1.2	31,207	98.8	31,594	17,216	54.5	14,377	45.5	31,594
Kusini Unguja	1,115	6.3	16,477	93.7	17,593	12,951	73.6	4,641	26.4	17,593
Mjini Magharibi	1,773	4.9	34,100	95.1	35,873	22,224	62.0	13,649	38.0	35,873
Kaskazini Pemba	458	1.1	40,323	98.9	40,781	21,866	53.6	18,915	46.4	40,781
Kusini Pemba	2,205	4.1	52,174	95.9	54,379	22,192	40.8	32,187	59.2	54,379
Tanzania Zanzibar	5,938	3.3	174,281	96.7	180,220	96,449	53.5	83,769	46.5	180,220
Tanzania	547,924	7.0	7,289,480	93.0	7,837,405	3,273,621	41.8	4,563,784	58.2	7,837,405

**Cont...Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Asset								
	Vehicle					Television			
	Owned		Did Not Own		Total	Owned		Did Not Own	Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
Dodoma	6,482	1.3	503,666	98.7	510,148	46,513	9.1	463,635	90.9
Arusha	12,214	5.5	208,801	94.5	221,016	43,978	19.9	177,038	80.1
Kilimanjaro	13,477	4.6	280,834	95.4	294,311	104,278	35.4	190,033	64.6
Tanga	6,918	2.0	344,493	98.0	351,412	63,021	17.9	288,390	82.1
Morogoro	2,177	0.5	411,039	99.5	413,216	80,112	19.4	333,104	80.6
Pwani	7,760	3.6	210,161	96.4	217,921	52,599	24.1	165,322	75.9
Dar es Salaam	60,316	14.6	353,984	85.4	414,300	247,284	59.7	167,016	40.3
Lindi	1,078	0.5	228,586	99.5	229,664	27,118	11.8	202,546	88.2
Mtwara	2,093	0.7	302,941	99.3	305,033	36,625	12.0	268,409	88.0
Ruvuma	4,510	1.4	327,509	98.6	332,019	67,313	20.3	264,706	79.7
Iringa	5,635	2.7	203,851	97.3	209,486	47,338	22.6	162,147	77.4
Mbeya	16,837	4.4	363,802	95.6	380,639	118,635	31.2	262,004	68.8
Singida	3,206	1.2	269,456	98.8	272,662	34,191	12.5	238,471	87.5
Tabora	2,004	0.5	367,967	99.5	369,971	55,043	14.9	314,928	85.1
Rukwa	3,218	1.5	215,031	98.5	218,249	26,583	12.2	191,666	87.8
Kigoma	9,240	2.7	339,138	97.3	348,378	43,781	12.6	304,597	87.4
Shinyanga	3,287	1.6	201,640	98.4	204,927	25,926	12.7	179,001	87.3
Kagera	10,390	2.2	472,630	97.8	483,019	64,581	13.4	418,438	86.6
Mwanza	6,214	1.5	399,820	98.5	406,034	68,665	16.9	337,368	83.1
Mara	1,938	0.8	231,993	99.2	233,931	29,730	12.7	204,201	87.3
Manyara	10,222	3.8	262,002	96.2	272,224	34,194	12.6	238,030	87.4
Njombe	3,310	2.1	156,798	97.9	160,108	27,391	17.1	132,717	82.9
Katavi	1,271	1.7	75,596	98.3	76,867	14,778	19.2	62,089	80.8
Simiyu	1,536	0.9	179,154	99.2	180,689	16,524	9.1	164,165	90.9
Geita	1,651	0.6	267,490	99.4	269,141	31,902	11.9	237,239	88.1
Songwe	3,107	1.1	278,713	98.9	281,820	33,803	12.0	248,017	88.0
<b>Mainland Tanzania</b>	<b>200,091</b>	<b>2.6</b>	<b>7,457,095</b>	<b>97.4</b>	<b>7,657,185</b>	<b>1,441,906</b>	<b>18.8</b>	<b>6,215,277</b>	<b>81.2</b>
Kaskazini Unguja	777	2.5	30,817	97.5	31,594	5,645	17.9	25,949	82.1
Kusini Unguja	827	4.7	16,766	95.3	17,593	7,056	40.1	10,537	59.9
Mjini Magharibi	3,044	8.5	32,829	91.5	35,873	17,681	49.3	18,192	50.7
Kaskazini Pemba	677	1.7	40,104	98.3	40,781	5,259	12.9	35,522	87.1
Kusini Pemba	1,986	3.7	52,393	96.3	54,379	11,624	21.4	42,755	78.6
<b>Tanzania Zanzibar</b>	<b>7,311</b>	<b>4.1</b>	<b>172,909</b>	<b>95.9</b>	<b>180,220</b>	<b>47,265</b>	<b>26.2</b>	<b>132,955</b>	<b>73.8</b>
<b>Tanzania</b>	<b>207,402</b>	<b>2.6</b>	<b>7,630,004</b>	<b>97.4</b>	<b>7,837,405</b>	<b>1,489,171</b>	<b>19.0</b>	<b>6,348,232</b>	<b>81.0</b>

Cont...Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania

Region	Type of Asset									
	Refrigerator					Motor Cycle				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Dodoma	13,559	2.7	496,589	97.3	510,148	48,436	9.5	461,712	90.5	510,148
Arusha	15,452	7.0	205,563	93.0	221,016	32,481	14.7	188,534	85.3	221,016
Kilimanjaro	32,035	10.9	262,276	89.1	294,311	52,003	17.7	242,307	82.3	294,311
Tanga	23,185	6.6	328,226	93.4	351,412	55,853	15.9	295,558	84.1	351,412
Morogoro	25,687	6.2	387,529	93.8	413,216	50,166	12.1	363,050	87.9	413,216
Pwani	20,906	9.6	197,015	90.4	217,921	31,171	14.3	186,750	85.7	217,921
Dar es Salaam	178,548	43.1	235,752	56.9	414,300	36,470	8.8	377,830	91.2	414,300
Lindi	6,998	3.0	222,666	97.0	229,664	30,057	13.1	199,607	86.9	229,664
Mtwara	7,156	2.3	297,878	97.7	305,033	42,879	14.1	262,155	85.9	305,033
Ruvuma	7,409	2.2	324,610	97.8	332,019	55,835	16.8	276,185	83.2	332,019
Iringa	6,045	2.9	203,441	97.1	209,486	31,694	15.1	177,792	84.9	209,486
Mbeya	25,574	6.7	355,065	93.3	380,639	76,280	20.0	304,359	80.0	380,639
Singida	5,580	2.0	267,082	98.0	272,662	24,112	8.8	248,550	91.2	272,662
Tabora	8,090	2.2	361,881	97.8	369,971	41,926	11.3	328,045	88.7	369,971
Rukwa	3,998	1.8	214,251	98.2	218,249	18,801	8.6	199,448	91.4	218,249
Kigoma	9,634	2.8	338,744	97.2	348,378	31,379	9.0	316,998	91.0	348,378
Shinyanga	6,389	3.1	198,537	96.9	204,927	20,467	10.0	184,459	90.0	204,927
Kagera	10,273	2.1	472,746	97.9	483,019	74,329	15.4	408,691	84.6	483,019
Mwanza	20,111	5.0	385,923	95.0	406,034	32,740	8.1	373,294	91.9	406,034
Mara	7,361	3.1	226,569	96.9	233,931	21,478	9.2	212,453	90.8	233,931
Manyara	9,531	3.5	262,693	96.5	272,224	38,606	14.2	233,619	85.8	272,224
Njombe	2,280	1.4	157,828	98.6	160,108	20,478	12.8	139,630	87.2	160,108
Katavi	1,058	1.4	75,809	98.6	76,867	11,686	15.2	65,181	84.8	76,867
Simiyu	2,138	1.2	178,551	98.8	180,689	15,377	8.5	165,312	91.5	180,689
Geita	3,465	1.3	265,677	98.7	269,141	27,586	10.2	241,556	89.8	269,141
Songwe	3,081	1.1	278,739	98.9	281,820	25,776	9.1	256,045	90.9	281,820
<b>Mainland Tanzania</b>	<b>455,543</b>	<b>5.9</b>	<b>7,201,640</b>	<b>94.1</b>	<b>7,657,185</b>	<b>948,066</b>	<b>12.4</b>	<b>6,709,120</b>	<b>87.6</b>	<b>7,657,185</b>
Kaskazini Unguja	3,892	12.3	27,702	87.7	31,594	2,237	7.1	29,356	92.9	31,594
Kusini Unguja	4,677	26.6	12,916	73.4	17,593	2,654	15.1	14,938	84.9	17,593
Mjini Magharibi	13,485	37.6	22,388	62.4	35,873	10,364	28.9	25,509	71.1	35,873
Kaskazini Pemba	3,985	9.8	36,796	90.2	40,781	2,933	7.2	37,848	92.8	40,781
Kusini Pemba	7,366	13.5	47,013	86.5	54,379	6,677	12.3	47,702	87.7	54,379
<b>Tanzania Zanzibar</b>	<b>33,405</b>	<b>18.5</b>	<b>146,815</b>	<b>81.5</b>	<b>180,220</b>	<b>24,865</b>	<b>13.8</b>	<b>155,353</b>	<b>86.2</b>	<b>180,220</b>
<b>Tanzania</b>	<b>488,948</b>	<b>6.2</b>	<b>7,348,455</b>	<b>93.8</b>	<b>7,837,405</b>	<b>972,931</b>	<b>12.4</b>	<b>6,864,473</b>	<b>87.6</b>	<b>7,837,405</b>

**Cont...Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania**

Region	Type of Asset									
	Tricycle					Personal Computer/ Laptop				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total
	Percent	Number	Percent	Percent		Percent	Number	Percent	Percent	
Dodoma	1,547	0.3	508,601	99.7	510,148	8,730	1.7	501,418	98.3	510,148
Arusha	905	0.4	220,111	99.6	221,016	7,183	3.3	213,832	96.7	221,016
Kilimanjaro	987	0.3	293,324	99.7	294,311	8,927	3.0	285,384	97.0	294,311
Tanga	458	0.1	350,953	99.9	351,412	4,013	1.1	347,398	98.9	351,412
Morogoro	447	0.1	412,769	99.9	413,216	7,016	1.7	406,200	98.3	413,216
Pwani	104	0.0	217,817	100.0	217,921	5,831	2.7	212,090	97.3	217,921
Dar es Salaam	9,619	2.3	404,681	97.7	414,300	44,481	10.7	369,819	89.3	414,300
Lindi	250	0.1	229,414	99.9	229,664	1,300	0.6	228,365	99.4	229,664
Mtwara	633	0.2	304,401	99.8	305,033	2,237	0.7	302,796	99.3	305,033
Ruvuma	1,235	0.4	330,785	99.6	332,019	2,287	0.7	329,733	99.3	332,019
Iringa	2,353	1.1	207,132	98.9	209,486	7,104	3.4	202,382	96.6	209,486
Mbeya	3,011	0.8	377,627	99.2	380,639	11,650	3.1	368,989	96.9	380,639
Singida	586	0.2	272,076	99.8	272,662	4,446	1.6	268,216	98.4	272,662
Tabora	1,721	0.5	368,250	99.5	369,971	4,187	1.1	365,784	98.9	369,971
Rukwa	877	0.4	217,372	99.6	218,249	3,108	1.4	215,141	98.6	218,249
Kigoma	1,462	0.4	346,916	99.6	348,378	6,776	1.9	341,601	98.1	348,378
Shinyanga	673	0.3	204,253	99.7	204,927	3,108	1.5	201,819	98.5	204,927
Kagera	0	0.0	483,019	100.0	483,019	7,093	1.5	475,926	98.5	483,019
Mwanza	1,546	0.4	404,488	99.6	406,034	6,878	1.7	399,156	98.3	406,034
Mara	602	0.3	233,328	99.7	233,931	2,337	1.0	231,593	99.0	233,931
Manyara	500	0.2	271,725	99.8	272,224	4,331	1.6	267,893	98.4	272,224
Njombe	147	0.1	159,961	99.9	160,108	1,853	1.2	158,255	98.8	160,108
Katavi	190	0.2	76,677	99.8	76,867	1,006	1.3	75,861	98.7	76,867
Simiyu	773	0.4	179,916	99.6	180,689	2,656	1.5	178,033	98.5	180,689
Geita	940	0.3	268,202	99.7	269,141	3,275	1.2	265,866	98.8	269,141
Songwe	1,021	0.4	280,799	99.6	281,820	3,704	1.3	278,116	98.7	281,820
Mainland Tanzania	32,587	0.4	7,624,597	99.6	7,657,185	165,517	2.2	7,491,666	97.8	7,657,185
Kaskazini Unguja	0	0.0	31,594	100.0	31,594	311	1.0	31,283	99.0	31,594
Kusini Unguja	154	0.9	17,439	99.1	17,593	140	0.8	17,452	99.2	17,593
Mjini Magharibi	0	0.0	35,873	100.0	35,873	2,990	8.3	32,883	91.7	35,873
Kaskazini Pemba	0	0.0	40,781	100.0	40,781	434	1.1	40,347	98.9	40,781
Kusini Pemba	123	0.2	54,256	99.8	54,379	1,270	2.3	53,109	97.7	54,379
Tanzania Zanzibar	277	0.2	179,943	99.8	180,220	5,145	2.9	175,074	97.1	180,220
Tanzania	32,864	0.4	7,804,540	99.6	7,837,405	170,662	2.2	7,666,740	97.8	7,837,405

Cont..... Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year, Tanzania

Region	Type of Asset									
	Kerosene Lamps					Solar Panel				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total
	Percent	Number	Percent	Percent		Percent	Number	Percent	Percent	
Dodoma	32,551	6.4	477,597	93.6	510,148	208,337	40.8	301,811	59.2	510,148
Arusha	34,923	15.8	186,093	84.2	221,016	97,458	44.1	123,557	55.9	221,015
Kilimanjaro	123,486	42.0	170,824	58.0	294,311	99,289	33.7	195,022	66.3	294,311
Tanga	155,283	44.2	196,129	55.8	351,412	104,772	29.8	246,640	70.2	351,412
Morogoro	64,610	15.6	348,606	84.4	413,216	173,751	42.0	239,466	58.0	413,217
Pwani	71,515	32.8	146,406	67.2	217,921	93,034	42.7	124,887	57.3	217,921
Dar es Salaam	92,904	22.4	321,397	77.6	414,300	59,107	14.3	355,194	85.7	414,301
Lindi	23,033	10.0	206,632	90.0	229,664	138,729	60.4	90,935	39.6	229,664
Mtwara	20,297	6.7	284,737	93.3	305,033	213,358	69.9	91,675	30.1	305,033
Ruvuma	33,602	10.1	298,417	89.9	332,019	218,395	65.8	113,624	34.2	332,019
Iringa	34,764	16.6	174,721	83.4	209,486	104,605	49.9	104,880	50.1	209,485
Mbeya	64,472	16.9	316,167	83.1	380,639	140,124	36.8	240,514	63.2	380,638
Singida	18,860	6.9	253,802	93.1	272,662	148,093	54.3	124,569	45.7	272,662
Tabora	28,033	7.6	341,938	92.4	369,971	224,370	60.6	145,601	39.4	369,971
Rukwa	59,990	27.5	158,259	72.5	218,249	93,545	42.9	124,704	57.1	218,249
Kigoma	29,370	8.4	319,008	91.6	348,378	161,914	46.5	186,464	53.5	348,378
Shinyanga	11,413	5.6	193,513	94.4	204,927	109,116	53.2	95,810	46.8	204,926
Kagera	81,477	16.9	401,542	83.1	483,019	216,718	44.9	266,302	55.1	483,020
Mwanza	23,815	5.9	382,219	94.1	406,034	215,949	53.2	190,085	46.8	406,034
Mara	53,534	22.9	180,397	77.1	233,931	136,906	58.5	97,025	41.5	233,931
Manyara	7,712	2.8	264,512	97.2	272,224	130,518	47.9	141,706	52.1	272,224
Njombe	11,899	7.4	148,209	92.6	160,108	91,048	56.9	69,060	43.1	160,108
Katavi	2,682	3.5	74,186	96.5	76,867	48,923	63.6	27,944	36.4	76,867
Simiyu	7,645	4.2	173,044	95.8	180,689	79,405	43.9	101,284	56.1	180,689
Geita	4,760	1.8	264,382	98.2	269,141	142,205	52.8	126,937	47.2	269,142
Songwe	31,489	11.2	250,332	88.8	281,820	113,835	40.4	167,986	59.6	281,820
<b>Mainland Tanzania</b>	<b>1,124,119</b>	<b>14.7</b>	<b>6,533,069</b>	<b>85.3</b>	<b>7,657,185</b>	<b>3,563,504</b>	<b>46.5</b>	<b>4,093,682</b>	<b>53.5</b>	<b>7,657,185</b>
Kaskazini Unguja	27,018	85.5	4,576	14.5	31,594	5,820	18.4	25,774	81.6	31,594
Kusini Unguja	10,747	61.1	6,845	38.9	17,593	4,099	23.3	13,493	76.7	17,593
Mjini Magharibi	18,709	52.2	17,164	47.8	35,873	5,252	14.6	30,621	85.4	35,873
Kaskazini Pemba	35,389	86.8	5,392	13.2	40,781	3,234	7.9	37,547	92.1	40,781
Kusini Pemba	43,054	79.2	11,325	20.8	54,379	3,789	7.0	50,590	93.0	54,379
<b>Tanzania Zanzibar</b>	<b>134,917</b>	<b>74.9</b>	<b>45,302</b>	<b>25.1</b>	<b>180,220</b>	<b>22,194</b>	<b>12.3</b>	<b>158,025</b>	<b>87.7</b>	<b>180,220</b>
<b>Tanzania</b>	<b>1,259,036</b>	<b>16.1</b>	<b>6,578,371</b>	<b>83.9</b>	<b>7,837,405</b>	<b>3,585,698</b>	<b>45.8</b>	<b>4,251,707</b>	<b>54.2</b>	<b>7,837,405</b>



**Cont.... Table 6.4: Number and Percentage of Agricultural Households Reported Ownership of Assets by Region During 2019/20 Agricultural Year**

Region	Type of Asset														
	Generator					Electric/ Gas Stove					Torch				
	Owned		Did Not Own		Total	Owned		Did Not Own		Total	Owned		Did Not Own		Total
	Number	Percent	Number	Percent		Number	Percent	Number	Percent		Number	Percent	Number	Percent	
Dodoma	3,700	0.7	506,449	99.3	510,148	28,617	5.6	481,531	94.4	510,148	428,461	84.0	81,687	16.0	510,148
Arusha	1,974	0.9	219,042	99.1	221,016	44,585	20.2	176,431	79.8	221,016	153,088	69.3	67,928	30.7	221,016
Kilimanjaro	4,557	1.5	289,754	98.5	294,311	96,241	32.7	198,070	67.3	294,311	166,202	56.5	128,108	43.5	294,311
Tanga	4,245	1.2	347,166	98.8	351,412	22,723	6.5	328,689	93.5	351,412	189,469	53.9	161,942	46.1	351,412
Morogoro	3,707	0.9	409,509	99.1	413,216	28,875	7.0	384,341	93.0	413,216	252,024	61.0	161,193	39.0	413,216
Pwani	2,465	1.1	215,456	98.9	217,921	22,526	10.3	195,395	89.7	217,921	132,132	60.6	85,789	39.4	217,921
Dar es Salaam	15,286	3.7	399,014	96.3	414,300	205,538	49.6	208,763	50.4	414,300	169,838	41.0	244,462	59.0	414,300
Lindi	1,577	0.7	228,088	99.3	229,664	5,409	2.4	224,255	97.6	229,664	134,687	58.6	94,977	41.4	229,664
Mtwara	1,812	0.6	303,222	99.4	305,033	15,170	5.0	289,863	95.0	305,033	156,112	51.2	148,921	48.8	305,033
Ruvuma	7,818	2.4	324,201	97.6	332,019	13,844	4.2	318,175	95.8	332,019	189,492	57.1	142,527	42.9	332,019
Iringa	2,992	1.4	206,493	98.6	209,486	28,650	13.7	180,835	86.3	209,486	98,220	46.9	111,266	53.1	209,486
Mbeya	4,751	1.2	375,888	98.8	380,639	52,679	13.8	327,960	86.2	380,639	249,741	65.6	130,898	34.4	380,639
Singida	4,023	1.5	268,639	98.5	272,662	11,596	4.3	261,066	95.7	272,662	194,233	71.2	78,429	28.8	272,662
Tabora	2,528	0.7	367,443	99.3	369,971	11,642	3.1	358,329	96.9	369,971	283,381	76.6	86,590	23.4	369,971
Rukwa	2,810	1.3	215,439	98.7	218,249	5,097	2.3	213,152	97.7	218,249	141,278	64.7	76,971	35.3	218,249
Kigoma	6,549	1.9	341,829	98.1	348,378	13,302	3.8	335,076	96.2	348,378	224,801	64.5	123,576	35.5	348,378
Shinyanga	1,936	0.9	202,991	99.1	204,927	8,070	3.9	196,856	96.1	204,927	167,077	81.5	37,850	18.5	204,927
Kagera	3,816	0.8	479,204	99.2	483,019	21,738	4.5	461,282	95.5	483,019	268,007	55.5	215,012	44.5	483,019
Mwanza	5,918	1.5	400,115	98.5	406,034	28,599	7.0	377,435	93.0	406,034	270,992	66.7	135,042	33.3	406,034
Mara	1,234	0.5	232,696	99.5	233,931	12,075	5.2	221,856	94.8	233,931	156,995	67.1	76,935	32.9	233,931
Manyara	2,327	0.9	269,897	99.1	272,224	17,191	6.3	255,033	93.7	272,224	165,005	60.6	107,219	39.4	272,224
Njombe	614	0.4	159,494	99.6	160,108	6,092	3.8	154,016	96.2	160,108	76,649	47.9	83,459	52.1	160,108
Katavi	1,206	1.6	75,661	98.4	76,867	2,056	2.7	74,811	97.3	76,867	56,077	73.0	20,790	27.0	76,867
Simiyu	2,495	1.4	178,194	98.6	180,689	7,896	4.4	172,793	95.6	180,689	158,588	87.8	22,101	12.2	180,689
Geita	3,906	1.5	265,236	98.5	269,141	6,896	2.6	262,246	97.4	269,141	202,187	75.1	66,954	24.9	269,141
Songwe	1,330	0.5	280,491	99.5	281,820	10,199	3.6	271,621	96.4	281,820	189,269	67.2	92,552	32.8	281,820
Mainland Tanzania	95,576	1.2	7,561,611	98.8	7,657,185	727,306	9.5	6,929,880	90.5	7,657,185	4,874,005	63.7	2,783,178	36.3	7,657,185
Kaskazini Unguja	300	0.9	31,293	99.1	31,594	1,597	5.1	29,997	94.9	31,594	14,694	46.5	16,899	53.5	31,594
Kusini Unguja	796	4.5	16,796	95.5	17,593	2,831	16.1	14,762	83.9	17,593	11,910	67.7	5,682	32.3	17,593
Mjini Magharibi	435	1.2	35,438	98.8	35,873	12,029	33.5	23,844	66.5	35,873	18,619	51.9	17,254	48.1	35,873
Kaskazini Pemba	106	0.3	40,675	99.7	40,781	1,541	3.8	39,239	96.2	40,781	20,902	51.3	19,879	48.7	40,781
Kusini Pemba	511	0.9	53,868	99.1	54,379	5,144	9.5	49,235	90.5	54,379	24,118	44.4	30,261	55.6	54,379
Tanzania Zanzibar	2,148	1.2	178,070	98.8	180,220	23,142	12.8	157,077	87.2	180,220	90,243	50.1	89,975	49.9	180,220
Tanzania	97,724	1.2	7,739,681	98.8	7,837,405	750,448	9.6	7,086,957	90.4	7,837,405	4,964,248	63.3	2,873,153	36.7	7,837,405

**Table 6.5: Number and Percentage of Agricultural Households Reported Main Source of Energy for Lighting by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Energy for Lighting							
	Electricity		Solar		Biogas		Hurricane Lamp	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	46,782	9.2	183,009	35.9	-	-	3,216	0.6
Arusha	47,627	21.5	87,171	39.4	293	0.1	3,982	1.8
Kilimanjaro	136,793	46.5	77,112	26.2	-	-	7,670	2.6
Tanga	79,882	22.7	93,540	26.6	-	-	3,055	0.9
Morogoro	85,453	20.7	154,566	37.4	250	0.1	5,235	1.3
Pwani	47,837	22.0	80,638	37.0	-	-	1,003	0.5
Dar es Salaam	290,046	70.0	48,614	11.7	2,333	0.6	20,086	4.8
Lindi	26,453	11.5	124,851	54.4	-	-	1,217	0.5
Mtwara	28,177	9.2	203,598	66.7	-	-	1,376	0.5
Ruvuma	51,754	15.6	197,414	59.5	740	0.2	1,817	0.5
Iringa	51,325	24.5	94,936	45.3	-	-	5,550	2.6
Mbeya	130,786	34.4	103,924	27.3	225	0.1	2,563	0.7
Singida	25,976	9.5	132,318	48.5	521	0.2	1,496	0.5
Tabora	35,734	9.7	201,314	54.4	-	-	1,104	0.3
Rukwa	27,232	12.5	84,568	38.7	-	-	3,860	1.8
Kigoma	43,744	12.6	150,971	43.3	-	-	561	0.2
Shinyanga	18,732	9.1	99,342	48.5	-	-	1,199	0.6
Kagera	56,016	11.6	200,099	41.4	882	0.2	8,910	1.8
Mwanza	62,588	15.4	189,534	46.7	-	-	1,808	0.4
Mara	27,253	11.7	125,021	53.4	202	0.1	3,752	1.6
Manyara	39,880	14.6	120,808	44.4	960	0.4	912	0.3
Njombe	34,511	21.6	85,033	53.1	159	0.1	1,390	0.9
Katavi	9,887	12.9	43,408	56.5	60	0.1	66	0.1
Simiyu	19,266	10.7	62,916	34.8	-	-	-	-
Geita	20,745	7.7	131,532	48.9	-	-	177	0.1
Songwe	44,060	15.6	95,625	33.9	-	-	425	0.2
<b>Mainland Tanzania</b>	<b>1,488,539</b>	<b>19.4</b>	<b>3,171,862</b>	<b>41.4</b>	<b>6,625</b>	<b>0.1</b>	<b>82,430</b>	<b>1.1</b>
Kaskazini Unguja	8,042	25.5	5,172	16.4	-	-	150	0.5
Kusini Unguja	8,507	48.4	2,024	11.5	-	-	656	3.7
Mjini Magharibi	18,465	51.5	4,121	11.5	-	-	1,072	3.0
Kaskazini Pemba	11,670	28.6	2,911	7.1	-	-	1,330	3.3
Kusini Pemba	19,601	36.0	3,051	5.6	-	-	2,092	3.8
<b>Tanzania Zanzibar</b>	<b>66,285</b>	<b>36.8</b>	<b>17,279</b>	<b>9.6</b>	<b>-</b>	<b>-</b>	<b>5,300</b>	<b>2.9</b>
<b>Tanzania</b>	<b>1,554,824</b>	<b>19.8</b>	<b>3,189,141</b>	<b>40.7</b>	<b>6,625</b>	<b>0.1</b>	<b>87,730</b>	<b>1.1</b>

**Cont... Table 6.5: Number and Percentage of Agricultural Households Reported Main Source of Energy for Lighting by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Energy for Lighting							
	Pressure Lamp		Wick Lamp		Candles		Firewood	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	-	-	4,999	1.0	-	-	4,418	0.9
Arusha	1,111	0.5	8,845	4.0	956	0.4	2,205	1.0
Kilimanjaro	3,566	1.2	28,786	9.8	2,060	0.7	1,556	0.5
Tanga	7,888	2.2	110,702	31.5	533	0.2	360	0.1
Morogoro	6,210	1.5	23,732	5.7	1,727	0.4	2,519	0.6
Pwani	2,284	1.0	35,096	16.1	443	0.2	1,791	0.8
Dar es Salaam	860	0.2	6,029	1.5	15,764	3.8	912	0.2
Lindi	1,135	0.5	10,505	4.6	-	-	499	0.2
Mtwara	693	0.2	9,806	3.2	226	0.1	4,327	1.4
Ruvuma	261	0.1	772	0.2	537	0.2	2,577	0.8
Iringa	-	-	7,323	3.5	3,034	1.4	1,706	0.8
Mbeya	1,205	0.3	10,086	2.6	3,178	0.8	1,588	0.4
Singida	642	0.2	1,828	0.7	1,872	0.7	932	0.3
Tabora	154	0.0	5,746	1.6	-	-	4,553	1.2
Rukwa	1,120	0.5	47,641	21.8	-	-	2,178	1.0
Kigoma	-	-	13,946	4.0	-	-	2,340	0.7
Shinyanga	153	0.1	1,347	0.7	804	0.4	1,294	0.6
Kagera	4,116	0.9	99,256	20.5	-	-	4,204	0.9
Mwanza	1,105	0.3	5,065	1.2	558	0.1	2,197	0.5
Mara	321	0.1	15,416	6.6	-	-	1,013	0.4
Manyara	482	0.2	2,073	0.8	-	-	7,603	2.8
Njombe	-	-	1,766	1.1	1,090	0.7	1,744	1.1
Katavi	104	0.1	556	0.7	120	0.2	96	0.1
Simiyu	-	-	521	0.3	490	0.3	2,428	1.3
Geita	-	-	839	0.3	-	-	2,645	1.0
Songwe	2,301	0.8	6,563	2.3	674	0.2	3,403	1.2
<b>Mainland Tanzania</b>	<b>35,711</b>	<b>0.5</b>	<b>459,244</b>	<b>6.0</b>	<b>34,066</b>	<b>0.4</b>	<b>61,088</b>	<b>0.8</b>
Kaskazini Unguja	75	0.2	17,355	54.9	-	-	-	-
Kusini Unguja	-	-	4,554	25.9	55	0.3	172	1.0
Mjini Magharibi	340	0.9	10,156	28.3	45	0.1	47	0.1
Kaskazini Pemba	268	0.7	24,333	59.7	-	-	-	-
Kusini Pemba	2,378	4.4	26,352	48.5	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>3,061</b>	<b>1.7</b>	<b>82,750</b>	<b>45.9</b>	<b>100</b>	<b>0.1</b>	<b>219</b>	<b>0.1</b>
<b>Tanzania</b>	<b>38,772</b>	<b>0.5</b>	<b>541,994</b>	<b>6.9</b>	<b>34,166</b>	<b>0.4</b>	<b>61,307</b>	<b>0.8</b>

**Cont... Table 6.5: Number and Percentage of Agricultural Households Reported Main Source of Energy for Lighting by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Energy for Lighting								Total
	Torch/ Rechargeable Lamp		Generator/Private Source		Other				
	Number	Percent	Number	Percent	Number	Percent			
Dodoma	262,165	51.4	608	0.1	4,950	1.0	510,148		
Arusha	67,461	30.5	-	-	1,364	0.6	221,016		
Kilimanjaro	35,217	12.0	156	0.1	1,396	0.5	294,311		
Tanga	50,954	14.5	3,229	0.9	1,269	0.4	351,412		
Morogoro	132,394	32.0	123	0.0	1,008	0.2	413,216		
Pwani	47,825	21.9	866	0.4	137	0.1	217,921		
Dar es Salaam	28,477	6.9	-	-	1,181	0.3	414,300		
Lindi	53,709	23.4	-	-	11,295	4.9	229,664		
Mtwara	55,874	18.3	371	0.1	587	0.2	305,034		
Ruvuma	72,612	21.9	-	-	3,537	1.1	332,020		
Iringa	41,948	20.0	-	-	3,664	1.7	209,485		
Mbeya	122,135	32.1	-	-	4,947	1.3	380,639		
Singida	97,897	35.9	2,699	1.0	6,482	2.4	272,662		
Tabora	116,308	31.4	421	0.1	4,638	1.3	369,971		
Rukwa	49,732	22.8	174	0.1	1,744	0.8	218,249		
Kigoma	128,678	36.9	345	0.1	7,794	2.2	348,378		
Shinyanga	80,892	39.5	-	-	1,165	0.6	204,926		
Kagera	103,126	21.4	1,623	0.3	4,789	1.0	483,019		
Mwanza	140,208	34.5	259	0.1	2,712	0.7	406,034		
Mara	59,990	25.6	185	0.1	776	0.3	233,931		
Manyara	95,253	35.0	1,009	0.4	3,244	1.2	272,224		
Njombe	33,430	20.9	-	-	986	0.6	160,108		
Katavi	21,859	28.4	371	0.5	339	0.4	76,867		
Simiyu	94,438	52.3	-	-	632	0.3	180,689		
Geita	110,191	40.9	200	0.1	2,813	1.0	269,141		
Songwe	125,716	44.6	801	0.3	2,253	0.8	281,820		
Mainland Tanzania	2,228,489	29.1	13,440	0.2	75,702	1.0	7,657,185		
Kaskazini Unguja	679	2.1	122	0.4	-	-	31,594		
Kusini Unguja	1,623	9.2	-	-	-	-	17,593		
Mjini Magharibi	1,035	2.9	591	1.6	-	-	35,873		
Kaskazini Pemba	269	0.7	-	-	-	-	40,781		
Kusini Pemba	738	1.4	-	-	166	0.3	54,379		
Tanzania Zanzibar	4,344	2.4	713	0.4	166	0.1	180,220		
Tanzania	2,232,833	28.5	14,153	0.2	75,868	1.0	7,837,405		

**Table 6.6: Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Energy for Cooking														
	Electricity		Solar		Gas (Household Biogas)		Gas (Industrial)		Paraffin/kerosene		Charcoal		Firewood		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	344	0.1	608	0.1	2,294	0.4	8,320	1.6	-	-	40,732	8.0	452,999	88.8	
Arusha	851	0.4	2,005	0.9	1,249	0.6	21,318	9.6	162	0.1	6,040	2.7	187,775	85.0	
Kilimanjaro	1,071	0.4	1,672	0.6	4,085	1.4	20,717	7.0	876	0.3	12,134	4.1	252,048	85.6	
Tanga	544	0.2	715	0.2	2,282	0.6	3,839	1.1	-	-	45,216	12.9	297,386	84.6	
Morogoro	4,694	1.1	3,072	0.7	2,833	0.7	9,591	2.3	1,256	0.3	107,870	26.1	283,445	68.6	
Pwani	660	0.3	892	0.4	1,275	0.6	5,432	2.5	-	-	57,861	26.6	150,585	69.1	
Dar es Salaam	4,912	1.2	860	0.2	26,242	6.3	52,372	12.6	-	-	290,298	70.1	39,616	9.6	
Lindi	-	-	1,435	0.6	203	0.1	1,507	0.7	-	-	33,788	14.7	192,731	83.9	
Mtwara	452	0.1	2,230	0.7	153	0.1	2,630	0.9	-	-	21,543	7.1	277,454	91.0	
Ruvuma	2,027	0.6	7,979	2.4	1,307	0.4	977	0.3	550	0.2	34,291	10.3	284,005	85.5	
Iringa	-	-	245	0.1	-	-	3,067	1.5	441	0.2	24,823	11.8	180,909	86.4	
Mbeya	2,453	0.6	-	-	1,639	0.4	15,716	4.1	204	0.1	72,001	18.9	286,540	75.3	
Singida	-	-	1,772	0.6	1,781	0.7	1,794	0.7	-	-	24,578	9.0	240,824	88.3	
Tabora	278	0.1	1,789	0.5	1,185	0.3	1,372	0.4	-	-	41,472	11.2	322,739	87.2	
Rukwa	213	0.1	470	0.2	345	0.2	230	0.1	390	0.2	32,528	14.9	183,871	84.2	
Kigoma	-	-	984	0.3	3,159	0.9	1,364	0.4	-	-	32,180	9.2	309,813	88.9	
Shinyanga	457	0.2	1,120	0.5	1,003	0.5	1,198	0.6	106	0.1	21,126	10.3	179,570	87.6	
Kagera	1,013	0.2	1,449	0.3	1,392	0.3	3,407	0.7	-	-	25,490	5.3	449,557	93.1	
Mwanza	1,172	0.3	2,818	0.7	308	0.1	10,876	2.7	-	-	54,205	13.3	333,853	82.2	
Mara	578	0.2	1,247	0.5	891	0.4	3,258	1.4	415	0.2	16,519	7.1	209,851	89.7	
Manyara	712	0.3	2,275	0.8	199	0.1	6,730	2.5	625	0.2	24,917	9.2	235,340	86.5	
Njombe	282	0.2	1,287	0.8	159	0.1	617	0.4	118	0.1	11,245	7.0	146,399	91.4	
Katavi	66	0.1	533	0.7	-	-	355	0.5	-	-	21,535	28.0	54,222	70.5	
Simiyu	383	0.2	1,308	0.7	579	0.3	485	0.3	-	-	11,082	6.1	164,695	91.1	
Geita	219	0.1	315	0.1	497	0.2	269	0.1	-	-	45,426	16.9	219,106	81.4	
Songwe	471	0.2	1,550	0.5	1,619	0.6	1,102	0.4	-	-	37,938	13.5	237,651	84.3	
Mainland Tanzania	23,852	0.3	40,630	0.5	56,679	0.7	178,543	2.3	5,143	0.1	1,146,838	15.0	6,172,984	80.6	
Kaskazini Unguja	68	0.2	-	-	246	0.8	65	0.2	51	0.2	959	3.0	30,157	95.5	
Kusini Unguja	114	0.6	-	-	57	0.3	55	0.3	111	0.6	2,163	12.3	15,092	85.8	
Mjini Magharibi	426	1.2	334	0.9	385	1.1	2,530	7.1	97	0.3	6,922	19.3	25,179	70.2	
Kaskazini Pemba	190	0.5	-	-	-	-	-	-	-	-	4,304	10.6	36,101	88.5	
Kusini Pemba	189	0.3	-	-	-	-	-	0.0	206	0.4	8,854	16.3	45,130	83.0	
Tanzania Zanzibar	987	0.5	334	0.2	688	0.4	2,650	1.5	465	0.3	23,202	12.9	151,659	84.2	
Tanzania	24,839	0.3	40,964	0.5	57,367	0.7	181,193	2.3	5,608	0.1	1,170,040	14.9	6,324,643	80.7	

**Cont... Table 6.6: Number and Percentage of Agricultural Households Reported Main Source of Energy for Cooking by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Energy for Cooking											
	Crop Residues		Livestock dung		Natural Gas		Generator/Private Source		Other		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent		
Dodoma	3,286	0.6	-	-	-	-	752	0.1	813	0.2	510,148	
Arusha	362	0.2	957	0.4	-	-	-	-	298	0.1	221,016	
Kilimanjaro	280	0.1	969	0.3	-	-	-	-	458	0.2	294,311	
Tanga	938	0.3	156	0.0	-	-	-	-	335	0.1	351,412	
Morogoro	455	0.1	-	-	-	-	-	-	-	-	413,216	
Pwani	923	0.4	-	-	-	-	-	-	294	0.1	217,921	
Dar es Salaam	-	-	-	-	-	-	-	-	-	-	414,300	
Lindi	-	-	-	-	-	-	-	-	-	-	229,664	
Mtwara	270	0.1	-	-	-	-	-	-	302	0.1	305,034	
Ruvuma	151	0.05	-	-	-	-	-	-	733	0.2	332,020	
Iringa	-	-	-	-	-	-	-	-	-	-	209,485	
Mbeya	-	-	-	-	-	-	-	-	2,085	0.5	380,639	
Singida	1,383	0.5	-	-	-	-	-	-	531	0.2	272,662	
Tabora	916	0.2	-	-	-	-	-	-	220	0.1	369,971	
Rukwa	201	0.1	-	-	-	-	-	-	-	-	218,249	
Kigoma	-	-	-	-	-	-	-	-	879	0.3	348,378	
Shinyanga	347	0.2	-	-	-	-	-	-	-	-	204,926	
Kagera	373	0.1	-	-	-	-	-	-	338	0.1	483,019	
Mwanza	749	0.2	-	-	-	-	-	-	2,054	0.5	406,034	
Mara	276	0.1	-	-	-	-	-	-	896	0.4	233,931	
Manyara	993	0.4	159	0.1	-	-	-	-	274	0.1	272,224	
Njombe	-	-	-	-	-	-	-	-	-	-	160,108	
Katavi	78	0.1	-	-	-	-	-	-	78	0.1	76,867	
Simiyu	106	0.1	312	0.2	-	-	-	-	1,740	1.0	180,689	
Geita	-	-	-	-	-	-	-	-	3,310	1.2	269,141	
Songwe	359	0.1	750	0.3	-	-	-	-	381	0.1	281,820	
Mainland Tanzania	12,446	0.2	3,303	0.04	-	-	752	0.01	16,019	0.2	7,657,185	
Kaskazini Unguja	-	-	-	-	-	-	-	-	48	0.2	31,594	
Kusini Unguja	-	-	-	-	-	-	-	-	-	-	17,593	
Mjini Magharibi	-	-	-	-	-	-	-	-	-	-	35,873	
Kaskazini Pemba	-	-	-	-	-	-	-	-	186	0.5	40,781	
Kusini Pemba	-	-	-	-	-	-	-	-	-	-	54,379	
Tanzania Zanzibar	-	-	-	-	-	-	-	-	234	0.1	180,220	
Tanzania	12,446	0.2	3,303	0.04	-	-	752	-	16,253	0.2	7,837,405	

**Table 6.7: Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Drinking Water													
	Piped water		Protected well		Protected/Covered Spring		Unprotected Well		Unprotected Spring		Surface Water (lake/dam/river/stream)		Covered Rainwater Catchment	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	205,418	40.3	23,037	4.5	14,461	2.8	91,565	17.9	18,124	3.6	78,222	15.3	710	0.1
Arusha	141,860	64.2	9,831	4.4	2,669	1.2	952	0.4	5,173	2.3	47,206	21.4	1,348	0.6
Kilimanjaro	260,585	88.5	4,746	1.6	717	0.2	2,173	0.7	8,641	2.9	2,633	0.9	1,838	0.6
Tanga	134,814	38.4	11,500	3.3	1,335	0.4	26,074	7.4	19,451	5.5	56,906	16.2	1,023	0.3
Morogoro	245,601	59.4	63,091	15.3	2,305	0.6	26,220	6.3	12,656	3.1	36,608	8.9	2,542	0.6
Pwani	74,443	34.2	22,625	10.4	2,760	1.3	57,343	26.3	7,169	3.3	12,699	5.8	2,889	1.3
Dar es Salaam	328,217	79.2	24,184	5.8	3,413	0.8	4,018	1.0	1,717	0.4	3,040	0.7	3,056	0.7
Lindi	78,819	34.3	21,787	9.5	1,349	0.6	29,581	12.9	6,208	2.7	18,242	7.9	3,948	1.7
Mtwara	89,999	29.5	56,153	18.4	5,137	1.7	44,976	14.7	14,588	4.8	23,128	7.6	31,602	10.4
Ruvuma	167,479	50.4	54,370	16.4	6,219	1.9	28,491	8.6	17,385	5.2	37,666	11.3	539	0.2
Iringa	86,773	41.4	16,027	7.7	871	0.4	14,514	6.9	5,012	2.4	38,974	18.6	602	0.3
Mbeya	212,548	55.8	41,338	10.9	3,385	0.9	20,491	5.4	10,391	2.7	36,779	9.7	3,800	1.0
Singida	74,883	27.5	17,112	6.3	2,184	0.8	34,664	12.7	16,812	6.2	54,149	19.9	6,122	2.2
Tabora	43,874	11.9	54,735	14.8	697	0.2	173,208	46.8	4,075	1.1	41,215	11.1	4,172	1.1
Rukwa	69,124	31.7	16,977	7.8	4,862	2.2	33,916	15.5	13,511	6.2	24,161	11.1	898	0.4
Kigoma	132,316	38.0	38,394	11.0	16,688	4.8	34,428	9.9	18,751	5.4	70,674	20.3	609	0.2
Shinyanga	62,905	30.7	38,818	18.9	901	0.4	45,662	22.3	6,488	3.2	36,258	17.7	114	0.1
Kagera	78,437	16.2	28,726	5.9	8,620	1.8	39,647	8.2	38,876	8.0	117,297	24.3	4,669	1.0
Mwanza	104,736	25.8	60,086	14.8	8,726	2.1	100,897	24.8	26,215	6.5	11,460	2.8	1,820	0.4
Mara	41,084	17.6	16,728	7.2	4,127	1.8	51,098	21.8	15,188	6.5	35,158	15.0	1,793	0.8
Manyara	146,802	53.9	8,326	3.1	1,193	0.4	26,168	9.6	6,342	2.3	69,638	25.6	1,864	0.7
Njombe	102,667	64.1	18,964	11.8	1,739	1.1	11,625	7.3	8,345	5.2	9,471	5.9	2,658	1.7
Katavi	34,763	45.2	6,840	8.9	993	1.3	16,994	22.1	2,556	3.3	8,590	11.2	168	0.2
Simiyu	46,622	25.8	55,967	31.0	1,840	1.0	14,128	7.8	2,777	1.5	23,741	13.1	1,004	0.6
Geita	40,468	15.0	77,186	28.7	4,430	1.6	49,860	18.5	39,848	14.8	6,723	2.5	-	-
Songwe	105,025	37.3	20,748	7.4	2,415	0.9	12,741	4.5	6,901	2.4	74,540	26.4	3,284	1.2
<b>Mainland Tanzania</b>	<b>3,110,262</b>	<b>40.6</b>	<b>808,296</b>	<b>10.6</b>	<b>104,036</b>	<b>1.4</b>	<b>991,434</b>	<b>12.9</b>	<b>333,200</b>	<b>4.4</b>	<b>975,178</b>	<b>12.7</b>	<b>83,072</b>	<b>1.1</b>
Kaskazini Unguja	27,080	85.7	3,008	9.5	-	-	822	2.6	-	-	48	0.2	-	-
Kusini Unguja	11,678	66.4	4,091	23.3	323	1.8	1,332	7.6	57	0.3	-	-	57	0.3
Mjini Magharibi	19,969	55.7	12,610	35.2	44	0.1	2,114	5.9	-	-	1,088	3.0	-	-
Kaskazini Pemba	31,654	77.6	3,666	9.0	-	-	5,462	13.4	-	-	-	-	-	-
Kusini Pemba	50,257	92.4	1,112	2.0	-	-	2,770	5.1	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>140,638</b>	<b>78.0</b>	<b>24,487</b>	<b>13.6</b>	<b>367</b>	<b>0.2</b>	<b>12,500</b>	<b>6.9</b>	<b>57</b>	<b>0.0</b>	<b>1,136</b>	<b>0.6</b>	<b>57</b>	<b>0.0</b>
<b>Tanzania</b>	<b>3,250,900</b>	<b>41.5</b>	<b>832,783</b>	<b>10.6</b>	<b>104,403</b>	<b>1.3</b>	<b>1,003,934</b>	<b>12.8</b>	<b>333,257</b>	<b>4.3</b>	<b>976,314</b>	<b>12.5</b>	<b>83,129</b>	<b>1.1</b>

**Cont... Table 6.7: Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Wet Season by Region During 2019/20  
Agricultural Year, Tanzania**

Region	Main Source of Drinking Water												Total
	Uncovered Rainwater Catchment		Water Vendor		Tanker Truck		Bottled water		Borehole		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	12,010	2.4	3,900	0.8	-	-	-	-	12,283	2.4	50,419	9.9	510,148
Arusha	1,434	0.6	1,154	0.5	372	0.2	-	-	312	0.1	8,705	3.9	221,016
Kilimanjaro	1,015	0.3	1,810	0.6	-	-	-	-	1,802	0.6	8,351	2.8	294,311
Tanga	3,716	1.1	2,043	0.6	176	0.1	-	-	1,324	0.4	93,050	26.5	351,412
Morogoro	3,232	0.8	2,898	0.7	-	-	-	-	12,697	3.1	5,366	1.3	413,216
Pwani	15,056	6.9	1,370	0.6	167	0.1	-	-	2,728	1.3	18,672	8.6	217,921
Dar es Salaam	3,090	0.7	22,732	5.5	5,626	1.4	4,834	1.2	708	0.2	9,665	2.3	414,300
Lindi	4,008	1.7	711	0.3	-	-	-	-	915	0.4	64,097	27.9	229,664
Mtwara	29,840	9.8	-	-	-	-	-	-	196	0.1	9,415	3.1	305,034
Ruvuma	1,222	0.4	-	-	-	-	-	-	10,903	3.3	7,748	2.3	332,020
Iringa	-	-	126	0.1	-	-	-	-	4,303	2.1	42,284	20.2	209,485
Mbeya	6,911	1.8	882	0.2	1,463	0.4	215	0.1	820	0.2	41,615	10.9	380,639
Singida	28,893	10.6	-	-	-	-	-	-	601	0.2	37,244	13.7	272,662
Tabora	2,958	0.8	4,937	1.3	205	0.1	-	-	8,657	2.3	31,239	8.4	369,971
Rukwa	9,128	4.2	1,581	0.7	-	-	132	0.1	15,942	7.3	28,016	12.8	218,249
Kigoma	1,545	0.4	276	0.1	-	-	-	-	8,227	2.4	26,470	7.6	348,378
Shinyanga	870	0.4	266	0.1	-	-	-	-	115	0.1	12,529	6.1	204,926
Kagera	3,117	0.6	527	0.1	-	-	259	0.1	13,695	2.8	149,150	30.9	483,019
Mwanza	5,053	1.2	1,334	0.3	366	0.1	-	-	12,090	3	73,250	18	406,034
Mara	4,802	2.1	-	-	-	-	-	-	471	0.2	63,480	27.1	233,931
Manyara	3,917	1.4	797	0.3	-	-	-	-	-	-	7,179	2.6	272,224
Njombe	3,773	2.4	-	-	-	-	-	-	441	0.3	424	0.3	160,108
Katavi	60	0.1	1,432	1.9	-	-	-	-	459	0.6	4,012	5.2	76,867
Simiyu	3,070	1.7	-	-	-	-	142	0.1	8,122	4.5	23,274	12.9	180,689
Geita	693	0.3	2,478	0.9	-	-	-	-	11,043	4.1	36,412	13.5	269,141
Songwe	6,803	2.4	1,804	0.6	-	-	434	0.2	1,852	0.7	45,274	16.1	281,820
Mainland Tanzania	156,216	2	53,058	0.7	8,375	0.1	6,016	0.1	130,706	1.7	897,340	11.7	7,657,185
Kaskazini Unguja	-	-	141	0.4	114	0.4	-	-	380	1.2	-	-	31,594
Kusini Unguja	54	0.3	-	-	-	-	-	-	-	-	-	-	17,593
Mjini Magharibi	-	-	-	-	-	-	-	-	48	0.1	-	-	35,873
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	40,781
Kusini Pemba	-	-	-	-	-	-	-	-	239	0.4	-	-	54,379
Tanzania Zanzibar	54	0	141	0.1	114	0.1	-	-	667	0.4	-	-	180,220
Tanzania	156,270	2	53,199	0.7	8,489	0.1	6,016	0.1	131,373	1.7	897,340	11.4	7,837,405



**Table 6.8: Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Distance to Source (Kilometre)												Total
	Less than 1		1 - 1.99		2.00 - 2.99		3.00 - 4.99		5.00 - 9.99		10 and Above		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	304,706	59.7	101,844	20	58,100	11.4	27,771	5.4	15,038	2.9	2,689	0.5	510,148
Arusha	134,721	61	37,177	16.8	18,986	8.6	15,119	6.8	10,380	4.7	4,634	2.1	221,016
Kilimanjaro	257,182	87.4	16,456	5.6	8,605	2.9	5,955	2	4,043	1.4	2,070	0.7	294,311
Tanga	292,851	83.3	37,042	10.5	12,310	3.5	4,205	1.2	3,945	1.1	1,060	0.3	351,412
Morogoro	347,030	84	44,382	10.7	10,977	2.7	8,138	2	1,767	0.4	922	0.2	413,216
Pwani	176,093	80.8	27,815	12.8	8,283	3.8	4,188	1.9	950	0.4	592	0.3	217,921
Dar es Salaam	365,856	88.3	27,844	6.7	9,977	2.4	6,243	1.5	1,546	0.4	2,834	0.7	414,300
Lindi	192,205	83.7	26,756	11.7	9,442	4.1	631	0.3	338	0.1	293	0.1	229,664
Mtwara	258,693	84.8	36,460	12	8,612	2.8	1,054	0.3	215	0.1	-	-	305,034
Ruvuma	279,508	84.2	39,824	12	6,685	2	4,712	1.4	963	0.3	328	0.1	332,020
Iringa	162,413	77.5	30,944	14.8	11,649	5.6	3,623	1.7	856	0.4	-	-	209,485
Mbeya	321,641	84.5	35,835	9.4	15,380	4	4,719	1.2	2,728	0.7	337	0.1	380,639
Singida	170,060	62.4	65,855	24.2	22,850	8.4	7,997	2.9	2,968	1.1	2,932	1.1	272,662
Tabora	257,128	69.5	74,443	20.1	24,804	6.7	8,441	2.3	4,737	1.3	417	0.1	369,971
Rukwa	155,719	71.3	44,689	20.5	10,532	4.8	3,708	1.7	2,802	1.3	799	0.4	218,249
Kigoma	285,896	82.1	49,597	14.2	11,480	3.3	1,405	0.4	-	-	-	-	348,378
Shinyanga	135,448	66.1	42,115	20.6	17,977	8.8	7,363	3.6	1,909	0.9	115	0.1	204,926
Kagera	275,863	57.1	100,128	20.7	58,880	12.2	32,317	6.7	12,231	2.5	3,601	0.7	483,019
Mwanza	254,780	62.7	81,677	20.1	47,005	11.6	18,186	4.5	3,316	0.8	1,069	0.3	406,034
Mara	159,213	68.1	40,443	17.3	19,169	8.2	11,216	4.8	3,036	1.3	854	0.4	233,931
Manyara	165,703	60.9	44,693	16.4	25,032	9.2	23,249	8.5	10,276	3.8	3,271	1.2	272,224
Njombe	140,117	87.5	13,926	8.7	4,150	2.6	1,519	0.9	396	0.2	-	-	160,108
Katavi	61,802	80.4	8,272	10.8	2,308	3	2,673	3.5	1,558	2	255	0.3	76,867
Simiyu	100,988	55.9	47,219	26.1	15,743	8.7	12,703	7	1,917	1.1	2,119	1.2	180,689
Geita	181,066	67.3	39,206	14.6	32,606	12.1	12,010	4.5	4,253	1.6	-	-	269,141
Songwe	193,208	68.6	55,670	19.8	20,308	7.2	6,067	2.2	4,638	1.6	1,929	0.7	281,820
Mainland Tanzania	5,629,890	73.5	1,170,312	15.3	491,850	6.4	235,212	3.1	96,806	1.3	33,120	0.4	7,657,185
Kaskazini Unguja	30,147	95.4	1,283	4.1	164	0.5	-	-	-	-	-	-	31,594
Kusini Unguja	17,002	96.6	298	1.7	162	0.9	-	-	-	-	130	0.7	17,593
Mjini Magharibi	35,779	99.7	49	0.1	45	0.1	-	-	-	-	-	-	35,873
Kaskazini Pemba	40,195	98.6	345	0.8	241	0.6	-	-	-	-	-	-	40,781
Kusini Pemba	53,776	98.9	453	0.8	150	0.3	-	-	-	-	-	-	54,379
Tanzania Zanzibar	176,899	98.2	2,428	1.3	762	0.4	-	-	-	-	130	0.1	180,220
Tanzania	5,806,789	74.1	1,172,740	15	492,612	6.3	235,212	3	96,806	1.2	33,250	0.4	7,837,405

**Table 6.9: Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Wet Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Time to and from Source (Minutes)														Total
	Less than10		10.00 - 19.00		20.00 - 29.00		30.00 - 39.00		40.00 - 49.00		50.00 - 59.00		60 and above		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	214,876	42.1	57,569	11.3	14,022	2.7	45,322	8.9	4,677	0.9	2,755	0.5	170,928	33.5	510,149
Arusha	117,094	53	8,518	3.9	9,794	4.4	12,000	5.4	3,960	1.8	13,637	6.2	56,011	25.3	221,014
Kilimanjaro	239,664	81.4	5,801	2	4,363	1.5	4,896	1.7	1,429	0.5	1,998	0.7	36,160	12.3	294,311
Tanga	221,593	63.1	43,466	12.4	14,803	4.2	20,465	5.8	5,195	1.5	8,794	2.5	37,094	10.6	351,410
Morogoro	310,623	75.2	24,910	6	11,037	2.7	11,778	2.9	2,130	0.5	7,383	1.8	45,355	11	413,216
Pwani	136,491	62.6	19,326	8.9	9,923	4.6	9,713	4.5	1,437	0.7	12,594	5.8	28,436	13	217,920
Dar es Salaam	366,718	88.5	1,518	0.4	860	0.2	-	-	-	-	-	-	45,204	10.9	414,300
Lindi	162,562	70.8	11,673	5.1	22,728	9.9	947	0.4	-	-	18,779	8.2	12,975	5.6	229,664
Mtwara	234,207	76.8	20,871	6.8	5,876	1.9	17,464	5.7	577	0.2	3,599	1.2	22,439	7.4	305,033
Ruvuma	239,900	72.3	6,748	2	18,159	5.5	8,311	2.5	2,484	0.7	1,718	0.5	54,701	16.5	332,021
Iringa	119,152	56.9	27,127	12.9	15,346	7.3	17,225	8.2	2,161	1	9,455	4.5	19,019	9.1	209,485
Mbeya	285,495	75	16,661	4.4	11,911	3.1	10,660	2.8	2,094	0.6	16,477	4.3	37,340	9.8	380,638
Singida	129,982	47.7	19,411	7.1	6,446	2.4	23,860	8.8	1,418	0.5	5,379	2	86,165	31.6	272,661
Tabora	167,584	45.3	35,506	9.6	23,083	6.2	24,283	6.6	8,167	2.2	45,258	12.2	66,090	17.9	369,971
Rukwa	158,491	72.6	9,320	4.3	7,583	3.5	3,621	1.7	1,985	0.9	1,122	0.5	36,126	16.6	218,248
Kigoma	232,080	66.6	30,011	8.6	8,590	2.5	23,632	6.8	7,687	2.2	5,983	1.7	40,395	11.6	348,378
Shinyanga	93,092	45.4	8,823	4.3	25,548	12.5	9,123	4.5	743	0.4	36,637	17.9	30,960	15.1	204,926
Kagera	203,671	42.2	50,320	10.4	32,544	6.7	41,047	8.5	11,965	2.5	36,582	7.6	106,891	22.1	483,020
Mwanza	190,700	47	23,755	5.9	22,819	5.6	21,991	5.4	2,291	0.6	41,556	10.2	102,922	25.3	406,034
Mara	152,382	65.1	14,199	6.1	4,713	2	16,507	7.1	3,895	1.7	5,756	2.5	36,478	15.6	233,930
Manyara	137,905	50.7	15,514	5.7	9,393	3.5	11,705	4.3	2,373	0.9	22,613	8.3	72,720	26.7	272,223
Njombe	120,113	75	6,564	4.1	5,250	3.3	4,026	2.5	1,951	1.2	3,645	2.3	18,559	11.6	160,108
Katavi	43,194	56.2	6,423	8.4	2,262	2.9	4,683	6.1	837	1.1	2,468	3.2	16,999	22.1	76,866
Simiyu	85,407	47.3	16,219	9	11,488	6.4	22,672	12.5	4,243	2.3	4,675	2.6	35,985	19.9	180,689
Geita	173,082	64.3	9,486	3.5	20,558	7.6	13,273	4.9	1,397	0.5	5,700	2.1	45,646	17	269,142
Songwe	182,317	64.7	4,095	1.5	4,948	1.8	10,075	3.6	1,298	0.5	7,836	2.8	71,251	25.3	281,820
Mainland Tanzania	4,718,375	61.6	493,834	6.4	324,047	4.2	389,279	5.1	76,394	1	322,399	4.2	1,332,849	17.4	7,657,177
Kaskazini Unguja	24,892	78.8	2,521	8	368	1.2	350	1.1	-	-	2,584	8.2	879	2.8	31,594
Kusini Unguja	14,394	81.8	871	5	54	0.3	704	4	-	-	154	0.9	1,416	8	17,593
Mjini Magharibi	34,718	96.8	202	0.6	424	1.2	-	-	-	-	45	0.1	484	1.3	35,873
Kaskazini Pemba	40,209	98.6	92	0.2	-	-	-	-	-	-	121	0.3	360	0.9	40,782
Kusini Pemba	52,215	96	435	0.8	569	1	453	0.8	-	-	263	0.5	445	0.8	54,380
Tanzania Zanzibar	166,428	92.3	4,121	2.3	1,415	0.8	1,507	0.8	-	-	3,167	1.8	3,584	2	180,222
Tanzania	4,884,803	62.3	497,955	6.4	325,462	4.2	390,786	5	76,394	1	325,566	4.2	1,336,433	17.1	7,837,399

**Table 6.10: Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Drinking Water													
	Piped water		Protected well		Protected/covered spring		Unprotected Well		Unprotected Spring		Surface Water (lake/dam/river/stream)		Covered Rainwater Catchment	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	214,760	42.1	28,871	5.7	12,507	2.5	125,105	24.5	20,502	4.0	76,558	15.0	580	0.1
Arusha	150,005	67.9	12,264	5.5	3,051	1.4	1,080	0.5	5,988	2.7	44,199	20.0	790	0.4
Kilimanjaro	263,615	89.6	5,343	1.8	1,302	0.4	1,874	0.6	9,745	3.3	5,299	1.8	659	0.2
Tanga	155,512	44.3	19,754	5.6	4,978	1.4	37,175	10.6	23,747	6.8	98,242	28.0	738	0.2
Morogoro	243,623	59.0	62,851	15.2	2,445	0.6	26,933	6.5	12,853	3.1	43,152	10.4	1,658	0.4
Pwani	87,530	40.2	27,766	12.7	4,009	1.8	67,345	30.9	7,056	3.2	15,793	7.2	395	0.2
Dar es Salaam	334,336	80.7	23,269	5.6	3,520	0.8	6,322	1.5	805	0.2	3,040	0.7	1,308	0.3
Lindi	114,927	50.0	31,098	13.5	1,121	0.5	34,424	15.0	7,866	3.4	28,515	12.4	2,004	0.9
Mtwara	103,548	33.9	55,411	18.2	3,943	1.3	44,654	14.6	13,744	4.5	39,237	12.9	18,079	5.9
Ruvuma	166,638	50.2	56,211	16.9	7,244	2.2	28,966	8.7	15,806	4.8	45,184	13.6	340	0.1
Iringa	98,417	47.0	18,606	8.9	1,444	0.7	28,897	13.8	7,916	3.8	48,586	23.2	274	0.1
Mbeya	220,207	57.9	48,674	12.8	6,782	1.8	26,403	6.9	13,590	3.6	49,698	13.1	3,910	1.0
Singida	82,590	30.3	21,049	7.7	1,972	0.7	57,291	21.0	13,463	4.9	58,665	21.5	5,812	2.1
Tabora	49,278	13.3	58,918	15.9	955	0.3	190,691	51.5	3,367	0.9	47,056	12.7	1,381	0.4
Rukwa	73,897	33.9	23,897	10.9	8,859	4.1	39,377	18.0	19,916	9.1	30,383	13.9	1,006	0.5
Kigoma	137,387	39.4	40,889	11.7	15,841	4.5	39,447	11.3	19,299	5.5	85,206	24.5	281	0.1
Shinyanga	61,903	30.2	43,034	21.0	1,242	0.6	53,908	26.3	6,887	3.4	33,157	16.2	289	0.1
Kagera	111,011	23.0	31,409	6.5	17,702	3.7	52,267	10.8	41,004	8.5	199,437	41.3	4,814	1.0
Mwanza	130,019	32.0	77,871	19.2	8,833	2.2	120,388	29.6	22,751	5.6	20,766	5.1	-	-
Mara	29,229	12.5	27,161	11.6	5,293	2.3	59,901	25.6	17,033	7.3	89,525	38.3	1,492	0.6
Manyara	155,362	57.1	9,928	3.6	1,123	0.4	23,471	8.6	6,896	2.5	70,368	25.8	1,005	0.4
Njombe	100,769	62.9	18,830	11.8	2,278	1.4	10,530	6.6	10,466	6.5	13,276	8.3	1,317	0.8
Katavi	36,979	48.1	6,382	8.3	1,056	1.4	18,285	23.8	2,918	3.8	8,678	11.3	309	0.4
Simiyu	52,158	28.9	61,846	34.2	2,595	1.4	18,703	10.4	2,971	1.6	30,331	16.8	-	-
Geita	41,456	15.4	81,183	30.2	5,301	2.0	63,035	23.4	49,026	18.2	7,760	2.9	-	-
Songwe	109,396	38.8	23,702	8.4	2,952	1.0	24,953	8.9	8,151	2.9	98,033	34.8	1,022	0.4
<b>Mainland Tanzania</b>	<b>3,324,552</b>	<b>43.4</b>	<b>916,217</b>	<b>12.0</b>	<b>128,348</b>	<b>1.7</b>	<b>1,201,425</b>	<b>15.7</b>	<b>363,766</b>	<b>4.8</b>	<b>1,290,144</b>	<b>16.8</b>	<b>49,463</b>	<b>0.6</b>
Kaskazini Unguja	26,671	84.4	2,937	9.3	-	-	1,190	3.8	-	-	96	0.3	-	-
Kusini Unguja	11,563	65.7	4,320	24.6	213	1.2	1,388	7.9	54	0.3	-	-	-	-
Mjini Magharibi	20,457	57.0	12,334	34.4	89	0.2	2,114	5.9	-	-	831	2.3	-	-
Kaskazini Pemba	31,243	76.6	3,967	9.7	-	-	5,570	13.7	-	-	-	-	-	-
Kusini Pemba	49,713	91.4	1,112	2.0	395	0.7	2,919	5.4	-	-	-	-	-	-
<b>Tanzania Zanzibar</b>	<b>139,647</b>	<b>77.5</b>	<b>24,670</b>	<b>13.7</b>	<b>697</b>	<b>0.4</b>	<b>13,181</b>	<b>7.3</b>	<b>54</b>	<b>0.0</b>	<b>927</b>	<b>0.5</b>	<b>-</b>	<b>-</b>
<b>Tanzania</b>	<b>3,464,199</b>	<b>44.2</b>	<b>940,887</b>	<b>12.0</b>	<b>129,045</b>	<b>1.6</b>	<b>1,214,606</b>	<b>15.5</b>	<b>363,820</b>	<b>4.6</b>	<b>1,291,071</b>	<b>16.5</b>	<b>49,463</b>	<b>0.6</b>

**Cont... Table 6.10: Number and Percentage of Agricultural Households Reported Main Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Drinking Water												Total
	Uncovered Rainwater Catchment		Water Vendor		Tanker Truck		Bottled Water		Borehole		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	7,833	1.5	5,572	1.1	-	-	154	0	13,806	2.7	3,900	0.8	510,148
Arusha	-	-	1,374	0.6	959	0.4	-	-	570	0.3	736	0.3	221,016
Kilimanjaro	785	0.3	1,791	0.6	1,086	0.4	-	-	2,343	0.8	468	0.2	294,311
Tanga	2,074	0.6	5,663	1.6	833	0.2	-	-	1,546	0.4	1,151	0.3	351,412
Morogoro	1,687	0.4	3,513	0.9	-	-	173	0	13,736	3.3	593	0.1	413,216
Pwani	1,102	0.5	3,702	1.7	-	-	-	-	2,492	1.1	731	0.3	217,921
Dar es Salaam	-	-	27,828	6.7	8,207	2	3,946	1	860	0.2	860	0.2	414,300
Lindi	656	0.3	4,812	2.1	117	0.1	-	-	2,685	1.2	1,439	0.6	229,664
Mtwara	25,268	8.3	762	0.2	-	-	-	-	387	0.1	-	-	305,034
Ruvuma	-	-	130	0	-	-	-	-	11,502	3.5	-	-	332,020
Iringa	-	-	126	0.1	-	-	-	-	4,975	2.4	245	0.1	209,485
Mbeya	944	0.2	2,953	0.8	1,463	0.4	215	0.1	2,151	0.6	3,648	1	380,639
Singida	26,263	9.6	-	-	-	-	-	-	899	0.3	4,658	1.7	272,662
Tabora	424	0.1	6,666	1.8	-	-	-	-	9,718	2.6	1,517	0.4	369,971
Rukwa	116	0.1	2,246	1	-	-	132	0.1	17,828	8.2	593	0.3	218,249
Kigoma	-	-	-	-	-	-	459	0.1	7,659	2.2	1,911	0.5	348,378
Shinyanga	213	0.1	391	0.2	-	-	-	-	214	0.1	3,689	1.8	204,926
Kagera	2,102	0.4	527	0.1	629	0.1	259	0.1	13,695	2.8	8,166	1.7	483,019
Mwanza	987	0.2	3,712	0.9	-	-	-	-	17,052	4.2	3,655	0.9	406,034
Mara	804	0.3	217	0.1	-	-	-	-	1,764	0.8	1,512	0.6	233,931
Manyara	2,091	0.8	1,528	0.6	284	0.1	-	-	-	-	168	0.1	272,224
Njombe	1,929	1.2	-	-	-	-	231	0.1	181	0.1	300	0.2	160,108
Katavi	107	0.1	1,432	1.9	-	-	-	-	338	0.4	382	0.5	76,867
Simiyu	243	0.1	734	0.4	-	-	142	0.1	9,847	5.4	1,119	0.6	180,689
Geita	216	0.1	5,843	2.2	-	-	-	-	13,923	5.2	1,398	0.5	269,141
Songwe	1,352	0.5	6,998	2.5	-	-	-	-	1,852	0.7	3,408	1.2	281,820
Mainland Tanzania	77,196	1	88,520	1.2	13,578	0.2	5,711	0.1	152,023	2	46,247	0.6	7,657,185
Kaskazini Unguja	-	-	141	0.4	178	0.6	-	-	380	1.2	-	-	31,594
Kusini Unguja	54	0.3	-	-	-	-	-	-	-	-	-	-	17,593
Mjini Magharibi	-	-	-	-	-	-	-	-	48	0.1	-	-	35,873
Kaskazini Pemba	-	-	-	-	-	-	-	-	-	-	-	-	40,781
Kusini Pemba	-	-	-	-	-	-	-	-	239	0.4	-	-	54,379
Tanzania Zanzibar	54	0	141	0.1	178	0.1	-	-	667	0.4	-	-	180,220
Tanzania	77,250	1	88,661	1.1	13,756	0.2	5,711	0.1	152,690	1.9	46,247	0.6	7,837,405

**Table 6.11: Number and Percentage of Agricultural Households Reported Distance to Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Distance to Source (Kilometre)												Total
	Less than 1		1.00 - 1.99		2.00 - 2.99		3.00 - 4.99		5.00 - 9.99		10 and Above		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	232,001	45.5	114,037	22.4	69,987	13.7	52,992	10.4	33,029	6.5	8,103	1.6	510,148
Arusha	104,701	47.4	30,534	13.8	20,662	9.3	24,121	10.9	25,012	11.3	15,986	7.2	221,016
Kilimanjaro	237,835	80.8	21,967	7.5	12,990	4.4	11,317	3.8	6,928	2.4	3,274	1.1	294,311
Tanga	209,676	59.7	55,569	15.8	36,520	10.4	29,226	8.3	15,432	4.4	4,987	1.4	351,412
Morogoro	326,622	79	50,465	12.2	17,186	4.2	11,699	2.8	5,976	1.4	1,269	0.3	413,216
Pwani	148,680	68.2	35,543	16.3	17,937	8.2	10,430	4.8	3,985	1.8	1,346	0.6	217,921
Dar es Salaam	361,468	87.2	31,271	7.5	11,770	2.8	5,209	1.3	888	0.2	3,695	0.9	414,300
Lindi	137,414	59.8	49,076	21.4	23,259	10.1	9,608	4.2	9,501	4.1	806	0.4	229,664
Mtwara	210,436	69	38,494	12.6	21,645	7.1	13,927	4.6	19,313	6.3	1,219	0.4	305,034
Ruvuma	273,335	82.3	43,228	13	8,376	2.5	5,929	1.8	822	0.2	328	0.1	332,020
Iringa	139,138	66.4	42,076	20.1	20,272	9.7	5,190	2.5	2,809	1.3	-	-	209,485
Mbeya	293,797	77.2	48,003	12.6	22,839	6	10,681	2.8	4,269	1.1	1,051	0.3	380,639
Singida	129,226	47.4	85,990	31.5	36,902	13.5	12,087	4.4	5,620	2.1	2,838	1	272,662
Tabora	222,987	60.3	84,522	22.8	32,705	8.8	15,613	4.2	12,325	3.3	1,819	0.5	369,971
Rukwa	139,675	64	53,042	24.3	13,626	6.2	7,423	3.4	3,981	1.8	503	0.2	218,249
Kigoma	276,847	79.5	53,616	15.4	14,739	4.2	3,176	0.9	-	-	-	-	348,378
Shinyanga	108,334	52.9	50,391	24.6	28,509	13.9	12,119	5.9	4,277	2.1	1,295	0.6	204,926
Kagera	151,899	31.4	132,138	27.4	94,428	19.5	60,377	12.5	36,621	7.6	7,557	1.6	483,019
Mwanza	189,606	46.7	108,731	26.8	63,756	15.7	31,397	7.7	10,841	2.7	1,702	0.4	406,034
Mara	69,887	29.9	58,636	25.1	43,456	18.6	39,060	16.7	19,023	8.1	3,868	1.7	233,931
Manyara	134,356	49.4	46,816	17.2	30,947	11.4	26,181	9.6	21,215	7.8	12,710	4.7	272,224
Njombe	134,794	84.2	16,245	10.1	5,220	3.3	2,571	1.6	906	0.6	372	0.2	160,108
Katavi	60,488	78.7	8,787	11.4	2,443	3.2	3,234	4.2	1,660	2.2	255	0.3	76,867
Simiyu	77,066	42.7	53,647	29.7	21,281	11.8	19,343	10.7	6,334	3.5	3,018	1.7	180,689
Geita	148,502	55.2	50,615	18.8	41,357	15.4	20,109	7.5	8,375	3.1	183	0.1	269,141
Songwe	163,451	58	68,342	24.3	29,716	10.5	9,565	3.4	7,881	2.8	2,866	1	281,820
Mainland Tanzania	4,682,221	61.1	1,431,781	18.7	742,528	9.7	452,584	5.9	267,023	3.5	81,050	1.1	7,657,185
Kaskazini Unguja	29,898	94.6	1,368	4.3	215	0.7	48	0.2	64	0.2	-	-	31,594
Kusini Unguja	16,751	95.2	463	2.6	162	0.9	86	0.5	-	-	130	0.7	17,593
Mjini Magharibi	35,644	99.4	49	0.1	50	0.1	-	-	43	0.1	87	0.2	35,873
Kaskazini Pemba	40,300	98.8	239	0.6	241	0.6	-	-	-	-	-	-	40,781
Kusini Pemba	53,776	98.9	453	0.8	-	-	-	-	-	-	150	0.3	54,379
Tanzania Zanzibar	176,369	97.9	2,572	1.4	668	0.4	134	0.1	107	0.1	367	0.2	180,220
Tanzania	4,858,590	62	1,434,353	18.3	743,196	9.5	452,718	5.8	267,130	3.4	81,417	1	7,837,405

**Table 6.12: Number and Percentage of Agricultural Households Reported Time Spent to and from Source of Drinking Water in Dry Season by Region During 2019/20 Agricultural Year, Tanzania**

Region	Time to and from Source (Minutes)														Total
	Less than10		10.00 - 19.00		20.00 - 29.00		30.00 - 39.00		40.00 - 49.00		50.00 - 59.00		60 and above		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	152,785	29.9	58,413	11.5	12,881	2.5	51,815	10.2	9,939	1.9	5,475	1.1	218,842	42.9	510,148
Arusha	92,535	41.9	5,489	2.5	7,568	3.4	11,945	5.4	3,520	1.6	14,252	6.4	85,707	38.8	221,016
Kilimanjaro	219,931	74.7	6,049	2.1	6,522	2.2	6,888	2.3	2,349	0.8	2,791	0.9	49,781	16.9	294,311
Tanga	131,821	37.5	28,487	8.1	13,096	3.7	31,712	9	6,916	2	5,954	1.7	133,427	38	351,412
Morogoro	285,181	69	20,648	5	16,200	3.9	16,512	4	3,245	0.8	9,313	2.3	62,117	15	413,216
Pwani	115,470	53	16,623	7.6	10,498	4.8	12,356	5.7	2,615	1.2	12,367	5.7	47,992	22	217,921
Dar es Salaam	362,015	87.4	1,518	0.4	860	0.2	-	-	-	-	-	-	49,906	12	414,300
Lindi	93,423	40.7	14,457	6.3	20,747	9	1,122	0.5	738	0.3	40,866	17.8	58,313	25.4	229,664
Mtwara	180,375	59.1	20,419	6.7	6,399	2.1	18,414	6	2,537	0.8	4,844	1.6	72,046	23.6	305,034
Ruvuma	226,715	68.3	7,644	2.3	18,373	5.5	11,450	3.4	3,554	1.1	1,852	0.6	62,432	18.8	332,020
Iringa	95,021	45.4	28,941	13.8	18,883	9	18,933	9	2,853	1.4	11,375	5.4	33,479	16	209,485
Mbeya	256,942	67.5	19,453	5.1	13,027	3.4	14,405	3.8	1,766	0.5	15,624	4.1	59,421	15.6	380,639
Singida	90,847	33.3	14,487	5.3	14,320	5.3	30,836	11.3	4,565	1.7	2,403	0.9	115,204	42.3	272,662
Tabora	128,554	34.7	34,945	9.4	24,931	6.7	26,044	7	10,374	2.8	40,143	10.9	104,980	28.4	369,971
Rukwa	140,583	64.4	8,177	3.7	7,240	3.3	4,724	2.2	2,061	0.9	1,526	0.7	53,938	24.7	218,249
Kigoma	213,609	61.3	31,431	9	7,993	2.3	25,318	7.3	7,981	2.3	6,962	2	55,084	15.8	348,378
Shinyanga	66,957	32.7	7,173	3.5	22,687	11.1	8,461	4.1	1,824	0.9	35,872	17.5	61,951	30.2	204,926
Kagera	63,778	13.2	49,470	10.2	42,220	8.7	64,085	13.3	13,202	2.7	42,438	8.8	207,825	43	483,019
Mwanza	130,727	32.2	24,393	6	19,611	4.8	22,023	5.4	3,702	0.9	44,176	10.9	161,402	39.8	406,034
Mara	68,145	29.1	12,784	5.5	4,765	2	27,824	11.9	5,225	2.2	6,399	2.7	108,787	46.5	233,931
Manyara	106,036	39	17,154	6.3	10,925	4	9,837	3.6	2,683	1	22,187	8.2	103,403	38	272,224
Njombe	111,711	69.8	8,511	5.3	7,195	4.5	5,337	3.3	2,509	1.6	3,333	2.1	21,512	13.4	160,108
Katavi	39,326	51.2	6,082	7.9	2,575	3.3	4,164	5.4	826	1.1	2,700	3.5	21,195	27.6	76,867
Simiyu	61,486	34	16,883	9.3	10,592	5.9	24,830	13.7	4,924	2.7	4,175	2.3	57,799	32	180,689
Geita	131,619	48.9	9,288	3.5	23,904	8.9	12,832	4.8	2,693	1	6,567	2.4	82,239	30.6	269,141
Songwe	157,163	55.8	2,800	1	4,021	1.4	10,765	3.8	1,314	0.5	7,755	2.8	98,002	34.8	281,820
Mainland Tanzania	3,722,755	48.6	471,719	6.2	348,033	4.5	472,632	6.2	103,915	1.4	351,349	4.6	2,186,784	28.6	7,657,185
Kaskazini Unguja	24,531	77.6	2,339	7.4	368	1.2	446	1.4	-	-	2,772	8.8	1,137	3.6	31,594
Kusini Unguja	14,287	81.2	871	5	-	-	699	4	-	-	285	1.6	1,450	8.2	17,593
Mjini Magharibi	34,730	96.8	202	0.6	424	1.2	50	0.1	-	-	89	0.2	378	1.1	35,873
Kaskazini Pemba	40,209	98.6	92	0.2	-	-	-	-	-	-	121	0.3	360	0.9	40,781
Kusini Pemba	51,967	95.6	435	0.8	569	1	585	1.1	-	-	263	0.5	561	1	54,379
Tanzania Zanzibar	165,724	92	3,939	2.2	1,361	0.8	1,780	1	-	-	3,530	2	3,886	2.2	180,220
Tanzania	3,888,479	49.6	475,658	6.1	349,394	4.5	474,412	6.1	103,915	1.3	354,879	4.5	2,190,670	28	7,837,405

**Table 6.13: Number and Percentage of Agricultural Households by Type of Toilets by Region 2019/20 Agricultural Year, Tanzania**

Region	Type of Toilet																		Total
	No Toilet/Bush		Pit Latrine Without Slab/Open Pit		Pit Latrine with Slab/Not Washable		Pit Latrine with Slab/Washable		Ventilated Improved Pit Latrine		Pour Flush Toilet		Flash Toilet with Cistern		Composting Toilet/ECOSAN Latrine		Other		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	19,144	3.8	283,011	55.5	81,307	15.9	25,692	5	12,619	2.5	5,480	1.1	82,552	16.2	342	0.1	-	-	510,148
Arusha	63,236	28.6	70,507	31.9	23,791	10.8	29,703	13.4	12,663	5.7	11,131	5	7,099	3.2	2,885	1.3	-	-	221,016
Kilimanjaro	11,818	4	80,139	27.2	26,093	8.9	25,046	8.5	18,575	6.3	11,067	3.8	115,834	39.4	4,423	1.5	1,317	0.4	294,311
Tanga	18,394	5.2	142,151	40.5	35,723	10.2	27,633	7.9	10,271	2.9	7,848	2.2	108,018	30.7	313	0.1	1,061	0.3	351,412
Morogoro	3,801	0.9	202,604	49	20,646	5	42,338	10.2	15,303	3.7	16,345	4	109,168	26.4	1,914	0.5	1,097	0.3	413,216
Pwani	8,258	3.8	108,079	49.6	39,846	18.3	23,060	10.6	2,216	1	5,924	2.7	30,128	13.8	238	0.1	171	0.1	217,921
Dar es Salaam	6,106	1.5	26,571	6.4	19,511	4.7	73,000	17.6	30,627	7.4	59,399	14.3	197,210	47.6	1,101	0.3	774	0.2	414,300
Lindi	5,221	2.3	173,834	75.7	14,682	6.4	12,169	5.3	9,598	4.2	327	0.1	12,292	5.4	194	0.1	1,348	0.6	229,664
Mtwara	7,049	2.3	202,328	66.3	30,745	10.1	25,883	8.5	14,323	4.7	3,362	1.1	21,248	7	-	-	95	0	305,034
Ruvuma	6,378	1.9	171,809	51.7	32,748	9.9	24,520	7.4	2,356	0.7	5,374	1.6	85,193	25.7	2,895	0.9	748	0.2	332,020
Iringa	4,661	2.2	67,894	32.4	12,416	5.9	30,445	14.5	5,689	2.7	13,388	6.4	74,193	35.4	-	-	799	0.4	209,485
Mbeya	15,842	4.2	127,303	33.4	41,500	10.9	38,595	10.1	10,397	2.7	14,393	3.8	125,815	33.1	414	0.1	6,380	1.7	380,639
Singida	23,075	8.5	189,720	69.6	7,732	2.8	9,285	3.4	4,844	1.8	2,328	0.9	34,741	12.7	-	-	938	0.3	272,662
Tabora	60,870	16.5	235,298	63.6	22,653	6.1	16,849	4.6	6,586	1.8	310	0.1	24,605	6.7	2,801	0.8	-	-	369,971
Rukwa	6,611	3	164,252	75.3	10,293	4.7	6,975	3.2	136	0.1	309	0.1	29,490	13.5	-	-	183	0.1	218,249
Kigoma	4,900	1.4	275,637	79.1	16,318	4.7	12,357	3.5	3,572	1	7,746	2.2	26,910	7.7	-	-	938	0.3	348,378
Shinyanga	39,036	19	111,212	54.3	27,322	13.3	7,468	3.6	8,028	3.9	1,731	0.8	8,598	4.2	-	-	1,533	0.7	204,926
Kagera	31,747	6.6	325,426	67.4	66,091	13.7	30,863	6.4	11,055	2.3	1,633	0.3	12,491	2.6	483	0.1	3,232	0.7	483,019
Mwanza	31,742	7.8	206,775	50.9	38,109	9.4	31,452	7.7	15,733	3.9	5,306	1.3	64,231	15.8	11,965	2.9	721	0.2	406,034
Mara	36,941	15.8	118,586	50.7	18,752	8	15,800	6.8	5,743	2.5	2,440	1	34,149	14.6	-	-	1,521	0.7	233,931
Manyara	41,816	15.4	152,831	56.1	32,560	12	25,685	9.4	7,194	2.6	1,871	0.7	9,408	3.5	388	0.1	472	0.2	272,224
Njombe	1,623	1	53,683	33.5	29,409	18.4	28,562	17.8	14,538	9.1	6,655	4.2	25,638	16	-	-	-	-	160,108
Katavi	6,670	8.7	41,939	54.6	5,924	7.7	5,063	6.6	1,157	1.5	2,454	3.2	13,226	17.2	-	-	432	0.6	76,867
Simiyu	26,889	14.9	109,482	60.6	16,743	9.3	3,647	2	897	0.5	486	0.3	20,908	11.6	801	0.4	836	0.5	180,689
Geita	46,606	17.3	128,032	47.6	20,988	7.8	14,035	5.2	15,939	5.9	960	0.4	42,582	15.8	-	-	-	-	269,141
Songwe	8,608	3.1	185,111	65.7	22,647	8	12,826	4.6	14,902	5.3	1,399	0.5	36,326	12.9	-	-	-	-	281,820
Mainland Tanzania	537,042	7	3,954,214	51.6	714,549	9.3	598,951	7.8	254,961	3.3	189,666	2.5	1,352,053	17.7	31,157	0.4	24,596	0.3	7,657,185
Kaskazini Unguja	3,847	12.2	1,862	5.9	3,327	10.5	5,704	18.1	989	3.1	4,405	13.9	11,159	35.3	-	-	300	0.9	31,594
Kusini Unguja	510	2.9	1,489	8.5	1,616	9.2	7,556	42.9	993	5.6	615	3.5	4,815	27.4	-	-	-	-	17,593
Mjini Magharibi	51	0.1	6,786	18.9	2,517	7	3,242	9	398	1.1	1,752	4.9	21,076	58.8	-	-	51	0.1	35,873
Kaskazini Pemba	15,216	37.3	3,245	8	1,091	2.7	3,771	9.2	1,346	3.3	460	1.1	15,413	37.8	119	0.3	120	0.3	40,781
Kusini Pemba	13,320	24.5	4,057	7.5	3,972	7.3	9,024	16.6	5,788	10.6	5,682	10.4	12,157	22.4	221	0.4	157	0.3	54,379
Tanzania Zanzibar	32,944	18.3	17,439	9.7	12,523	6.9	29,297	16.3	9,514	5.3	12,914	7.2	64,620	35.9	340	0.2	628	0.3	180,220
Tanzania	569,986	7.3	3,971,653	50.7	727,074	9.3	628,246	8	264,473	3.4	202,579	2.6	1,416,672	18.1	31,497	0.4	25,224	0.3	7,837,405

**Table 6.14: Number and Percentage of Agricultural Households Reported Number of Meals they Normally Has per Day by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Meals Household Normally Take per Day										Total
	No Meal		One		Two		Three		Four		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	-	-	7,733	1.5	263,523	51.7	238,534	46.8	359	0.1	510,148
Arusha	-	-	3,950	1.8	68,879	31.2	148,186	67	-	-	221,016
Kilimanjaro	-	-	9,097	3.1	64,189	21.8	220,483	74.9	541	0.2	294,311
Tanga	-	-	2,939	0.8	82,359	23.4	266,114	75.7	-	-	351,411
Morogoro	-	-	12,633	3.1	170,153	41.2	229,726	55.6	704	0.2	413,216
Pwani	-	-	3,571	1.6	83,234	38.2	131,116	60.2	-	-	217,921
Dar es Salaam	-	-	12,291	3	87,967	21.2	314,043	75.8	-	-	414,300
Lindi	-	-	3,951	1.7	112,117	48.8	113,596	49.5	-	-	229,664
Mtwara	-	-	12,943	4.2	179,431	58.8	112,660	36.9	-	-	305,034
Ruvuma	-	-	4,270	1.3	133,264	40.1	194,147	58.5	338	0.1	332,019
Iringa	-	-	1,812	0.9	79,613	38	127,943	61.1	118	0.1	209,486
Mbeya	-	-	3,935	1	130,878	34.4	244,420	64.2	1,406	0.4	380,639
Singida	-	-	2,936	1.1	136,863	50.2	132,169	48.5	693	0.3	272,662
Tabora	-	-	3,915	1.1	113,054	30.6	252,123	68.1	878	0.2	369,971
Rukwa	-	-	5,557	2.5	174,977	80.2	37,715	17.3	-	-	218,249
Kigoma	-	-	10,652	3.1	281,294	80.7	56,432	16.2	-	-	348,378
Shinyanga	-	-	570	0.3	57,110	27.9	147,108	71.8	138	0.1	204,927
Kagera	-	-	7,953	1.6	314,331	65.1	158,906	32.9	1,830	0.4	483,020
Mwanza	-	-	4,101	1	264,615	65.2	137,318	33.8	-	-	406,034
Mara	-	-	5,754	2.5	143,713	61.4	84,187	36	276	0.1	233,931
Manyara	-	-	2,451	0.9	65,516	24.1	204,258	75	-	-	272,224
Njombe	-	-	1,293	0.8	64,627	40.4	94,188	58.8	-	-	160,108
Katavi	-	-	1,124	1.5	37,318	48.5	38,189	49.7	236	0.3	76,867
Simiyu	-	-	829	0.5	112,442	62.2	67,418	37.3	-	-	180,690
Geita	-	-	764	0.3	179,679	66.8	88,699	33	-	-	269,141
Songwe	-	-	3,823	1.4	167,555	59.5	110,152	39.1	290	0.1	281,820
Mainland Tanzania	-	-	130,847	1.7	3,568,701	46.6	3,949,830	51.6	7,807	0.1	7,657,185
Kaskazini Unguja	-	-	865	2.7	22,985	72.8	7,744	24.5	-	-	31,594
Kusini Unguja	-	-	361	2.1	8,393	47.7	8,839	50.2	-	-	17,593
Mjini Magharibi	-	-	1,691	4.7	17,695	49.3	16,487	46	-	-	35,873
Kaskazini Pemba	-	-	1,654	4.1	22,334	54.8	16,793	41.2	-	-	40,781
Kusini Pemba	-	-	1,583	2.9	23,690	43.6	29,107	53.5	-	-	54,379
Tanzania Zanzibar	-	-	6,154	3.4	95,097	52.8	78,970	43.8	-	-	180,220
Tanzania	-	-	137,001	1.7	3,663,798	46.7	4,028,800	51.4	7,807	0.1	7,837,405



**Table 6.15: Number and Percentage of Days Household Consumed Meat in the Last Seven Days by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Days									
	Not Eaten		One		Two		Three		Four	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	272,399	53.4	108,398	21.2	78,894	15.5	36,444	7.1	9,305	1.8
Arusha	90,389	40.9	54,961	24.9	45,240	20.5	20,327	9.2	6,242	2.8
Kilimanjaro	66,093	22.5	97,317	33.1	75,029	25.5	39,350	13.4	11,193	3.8
Tanga	170,040	48.4	77,445	22.0	60,654	17.3	26,240	7.5	7,079	2.0
Morogoro	245,263	59.4	66,092	16.0	60,648	14.7	28,053	6.8	6,139	1.5
Pwani	116,216	53.3	44,630	20.5	28,338	13.0	18,106	8.3	5,073	2.3
Dar es Salaam	123,410	29.8	132,678	32.0	103,542	25.0	33,995	8.2	13,063	3.2
Lindi	166,863	72.7	28,227	12.3	21,950	9.6	8,352	3.6	2,506	1.1
Mtwara	220,933	72.4	41,461	13.6	33,015	10.8	6,887	2.3	1,811	0.6
Ruvuma	164,068	49.4	67,525	20.3	51,738	15.6	31,969	9.6	7,715	2.3
Iringa	74,343	35.5	54,616	26.1	47,965	22.9	25,206	12.0	3,573	1.7
Mbeya	125,826	33.1	93,849	24.7	87,249	22.9	49,398	13.0	12,834	3.4
Singida	121,809	44.7	78,588	28.8	41,200	15.1	20,014	7.3	6,388	2.3
Tabora	200,260	54.1	79,201	21.4	54,441	14.7	19,168	5.2	9,667	2.6
Rukwa	124,758	57.2	39,895	18.3	35,200	16.1	13,189	6.0	2,207	1.0
Kigoma	227,118	65.2	79,529	22.8	28,096	8.1	10,015	2.9	2,821	0.8
Shinyanga	111,215	54.3	53,867	26.3	24,990	12.2	8,954	4.4	3,111	1.5
Kagera	346,219	71.7	71,070	14.7	35,059	7.3	19,493	4.0	6,082	1.3
Mwanza	246,055	60.6	90,320	22.2	47,940	11.8	14,841	3.7	3,081	0.8
Mara	117,993	50.4	53,321	22.8	40,759	17.4	15,602	6.7	4,148	1.8
Manyara	151,745	55.7	57,522	21.1	34,559	12.7	16,762	6.2	4,785	1.8
Njombe	58,069	36.3	51,138	31.9	34,397	21.5	12,472	7.8	2,571	1.6
Katavi	40,054	52.1	13,964	18.2	14,141	18.4	5,580	7.3	2,105	2.7
Simiyu	100,236	55.5	39,044	21.6	28,712	15.9	9,403	5.2	1,999	1.1
Geita	161,701	60.1	47,371	17.6	37,576	14.0	16,954	6.3	3,744	1.4
Songwe	120,280	42.7	63,513	22.5	64,306	22.8	23,964	8.5	4,962	1.8
<b>Mainland Tanzania</b>	<b>3,963,355</b>	<b>51.8</b>	<b>1,685,542</b>	<b>22.0</b>	<b>1,215,638</b>	<b>15.9</b>	<b>530,738</b>	<b>6.9</b>	<b>144,204</b>	<b>1.9</b>
Kaskazini Unguja	22,358	70.8	4,107	13.0	2,375	7.5	2,116	6.7	328	1.0
Kusini Unguja	9,585	54.5	2,607	14.8	1,838	10.4	1,577	9.0	875	5.0
Mjini Magharibi	22,947	64.0	5,550	15.5	4,280	11.9	1,759	4.9	763	2.1
Kaskazini Pemba	33,257	81.6	2,924	7.2	2,728	6.7	1,029	2.5	504	1.2
Kusini Pemba	29,707	54.6	10,802	19.9	7,693	14.1	3,516	6.5	1,870	3.4
<b>Tanzania Zanzibar</b>	<b>117,854</b>	<b>65.4</b>	<b>25,990</b>	<b>14.4</b>	<b>18,914</b>	<b>10.5</b>	<b>9,997</b>	<b>5.5</b>	<b>4,340</b>	<b>2.4</b>
<b>Tanzania</b>	<b>4,081,209</b>	<b>52.1</b>	<b>1,711,532</b>	<b>21.8</b>	<b>1,234,552</b>	<b>15.8</b>	<b>540,735</b>	<b>6.9</b>	<b>148,544</b>	<b>1.9</b>

**Cont...Table 6.15: Number and Percentage of Days Household Consumed Meat in the Last Seven Days by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Days						Total
	Five		Six		Seven		
	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,855	0.4	1,904	0.4	950	0.2	510,148
Arusha	2,227	1	650	0.3	979	0.4	221,016
Kilimanjaro	3,797	1.3	738	0.3	793	0.3	294,311
Tanga	4,063	1.2	1,729	0.5	4,161	1.2	351,411
Morogoro	5,096	1.2	447	0.1	1,477	0.4	413,216
Pwani	3,010	1.4	859	0.4	1,688	0.8	217,921
Dar es Salaam	3,628	0.9	1,062	0.3	2,923	0.7	414,300
Lindi	1,189	0.5	498	0.2	78	0	229,664
Mtwara	468	0.2	234	0.1	224	0.1	305,034
Ruvuma	5,329	1.6	772	0.2	2,905	0.9	332,019
Iringa	1,853	0.9	938	0.4	991	0.5	209,486
Mbeya	6,793	1.8	1,443	0.4	3,246	0.9	380,639
Singida	1,435	0.5	-	-	3,228	1.2	272,662
Tabora	2,812	0.8	2,036	0.6	2,385	0.6	369,971
Rukwa	1,010	0.5	886	0.4	1,102	0.5	218,249
Kigoma	334	0.1	466	0.1	-	-	348,378
Shinyanga	1,042	0.5	362	0.2	1,385	0.7	204,927
Kagera	2,766	0.6	520	0.1	1,811	0.4	483,020
Mwanza	877	0.2	535	0.1	2,386	0.6	406,034
Mara	1,200	0.5	207	0.1	701	0.3	233,931
Manyara	4,227	1.6	107	0	2,517	0.9	272,224
Njombe	948	0.6	281	0.2	232	0.1	160,108
Katavi	494	0.6	401	0.5	128	0.2	76,867
Simiyu	458	0.3	193	0.1	645	0.4	180,690
Geita	250	0.1	-	-	1,545	0.6	269,141
Songwe	2,627	0.9	255	0.1	1,913	0.7	281,820
Mainland Tanzania	59,788	0.8	17,523	0.2	40,393	0.5	7,657,185
Kaskazini Unguja	245	0.8	-	-	64	0.2	31,594
Kusini Unguja	635	3.6	195	1.1	280	1.6	17,593
Mjini Magharibi	101	0.3	36	0.1	437	1.2	35,873
Kaskazini Pemba	166	0.4	173	0.4	-	-	40,781
Kusini Pemba	551	1	116	0.2	123	0.2	54,379
Tanzania Zanzibar	1,698	0.9	520	0.3	904	0.5	180,220
Tanzania	61,486	0.8	18,043	0.2	41,297	0.5	7,837,405

**Table 6.16: Number and Percentage of Agricultural Households Reported Number of Days the Household Consumed Fish in the Last Seven Days by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Days									
	Not Eaten		One		Two		Three		Four	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	285,969	56.1	98,124	19.2	68,699	13.5	33,877	6.6	15,070	3.0
Arusha	171,499	77.6	21,021	9.5	14,473	6.5	8,463	3.8	3,743	1.7
Kilimanjaro	50,368	17.1	55,217	18.8	71,589	24.3	55,262	18.8	26,167	8.9
Tanga	104,539	29.7	44,474	12.7	55,726	15.9	55,445	15.8	32,725	9.3
Morogoro	142,836	34.6	52,944	12.8	70,245	17.0	49,873	12.1	29,682	7.2
Pwani	48,030	22.0	22,651	10.4	39,288	18.0	33,964	15.6	22,378	10.3
Dar es Salaam	93,106	22.5	113,832	27.5	104,033	25.1	58,899	14.2	18,322	4.4
Lindi	86,825	37.8	23,187	10.1	42,594	18.5	31,678	13.8	17,861	7.8
Mtwara	105,262	34.5	33,856	11.1	57,799	18.9	55,974	18.4	23,783	7.8
Ruvuma	80,019	24.1	53,439	16.1	72,766	21.9	58,353	17.6	30,520	9.2
Iringa	79,494	37.9	53,369	25.5	40,063	19.1	20,685	9.9	8,898	4.2
Mbeya	100,159	26.3	88,053	23.1	90,167	23.7	57,611	15.1	22,915	6.0
Singida	109,179	40.0	72,357	26.5	50,394	18.5	21,943	8.0	7,531	2.8
Tabora	194,445	52.6	69,131	18.7	50,067	13.5	27,503	7.4	12,884	3.5
Rukwa	41,984	19.2	24,735	11.3	41,295	18.9	39,875	18.3	16,036	7.3
Kigoma	109,710	31.5	43,262	12.4	66,042	19.0	74,205	21.3	22,755	6.5
Shinyanga	145,672	71.1	31,038	15.1	16,861	8.2	8,072	3.9	1,360	0.7
Kagera	218,668	45.3	51,102	10.6	73,306	15.2	65,177	13.5	27,364	5.7
Mwanza	136,619	33.6	69,126	17.0	71,876	17.7	44,630	11.0	22,103	5.4
Mara	101,926	43.6	28,771	12.3	25,827	11.0	23,326	10.0	16,740	7.2
Manyara	186,915	68.7	32,189	11.8	26,087	9.6	13,598	5.0	3,463	1.3
Njombe	70,179	43.8	50,237	31.4	25,671	16.0	6,717	4.2	2,467	1.5
Katavi	21,627	28.1	11,330	14.7	13,715	17.8	11,870	15.4	6,372	8.3
Simiyu	121,017	67.0	27,899	15.4	15,956	8.8	8,063	4.5	4,547	2.5
Geita	95,454	35.5	56,916	21.1	52,811	19.6	25,950	9.6	15,549	5.8
Songwe	45,405	16.1	50,680	18.0	67,569	24.0	44,889	15.9	24,665	8.8
<b>Mainland Tanzania</b>	<b>2,946,906</b>	<b>38.5</b>	<b>1,278,940</b>	<b>16.7</b>	<b>1,324,919</b>	<b>17.3</b>	<b>935,902</b>	<b>12.2</b>	<b>435,900</b>	<b>5.7</b>
Kaskazini Unguja	2,009	6.4	733	2.3	2,110	6.7	2,650	8.4	4,368	13.8
Kusini Unguja	905	5.1	734	4.2	1,721	9.8	2,365	13.4	2,179	12.4
Mjini Magharibi	5,972	16.6	2,257	6.3	3,756	10.5	4,354	12.1	5,722	16.0
Kaskazini Pemba	2,468	6.1	2,147	5.3	2,944	7.2	8,301	20.4	4,804	11.8
Kusini Pemba	9,037	16.6	4,689	8.6	8,977	16.5	13,067	24.0	7,586	14.0
<b>Tanzania Zanzibar</b>	<b>20,391</b>	<b>11.3</b>	<b>10,560</b>	<b>5.9</b>	<b>19,508</b>	<b>10.8</b>	<b>30,737</b>	<b>17.1</b>	<b>24,659</b>	<b>13.7</b>
<b>Tanzania</b>	<b>2,967,297</b>	<b>37.9</b>	<b>1,289,500</b>	<b>16.5</b>	<b>1,344,427</b>	<b>17.2</b>	<b>966,639</b>	<b>12.3</b>	<b>460,559</b>	<b>5.9</b>

**Cont....Table 6.16: Number and Percentage of Agricultural Households Reported Number of Days Household Consumed Fish in the Last Seven Days by Region During 2019/20 Agricultural Year, Tanzania**

Region	Number of Days						Total
	Five		Six		Seven		
	Number	Percent	Number	Percent	Number	Percent	
Dodoma	3,864	0.8	2,124	0.4	2,421	0.5	510,148
Arusha	1,726	0.8	91	0	-	-	221,016
Kilimanjaro	17,093	5.8	8,137	2.8	10,479	3.6	294,312
Tanga	22,158	6.3	13,116	3.7	23,228	6.6	351,411
Morogoro	25,636	6.2	7,418	1.8	34,583	8.4	413,217
Pwani	21,794	10	10,729	4.9	19,088	8.8	217,922
Dar es Salaam	15,197	3.7	2,776	0.7	8,136	2	414,301
Lindi	12,592	5.5	7,890	3.4	7,038	3.1	229,665
Mtwara	17,694	5.8	4,620	1.5	6,045	2	305,033
Ruvuma	19,289	5.8	10,206	3.1	7,427	2.2	332,019
Iringa	4,380	2.1	2,195	1	401	0.2	209,485
Mbeya	12,058	3.2	3,616	0.9	6,060	1.6	380,639
Singida	6,810	2.5	706	0.3	3,742	1.4	272,662
Tabora	8,769	2.4	3,320	0.9	3,850	1	369,969
Rukwa	15,386	7	5,397	2.5	33,541	15.4	218,249
Kigoma	21,084	6.1	8,757	2.5	2,563	0.7	348,378
Shinyanga	531	0.3	354	0.2	1,039	0.5	204,927
Kagera	21,684	4.5	4,181	0.9	21,536	4.5	483,018
Mwanza	24,118	5.9	10,581	2.6	26,980	6.6	406,033
Mara	16,653	7.1	7,954	3.4	12,733	5.4	233,930
Manyara	4,368	1.6	996	0.4	4,608	1.7	272,224
Njombe	1,096	0.7	1,838	1.1	1,903	1.2	160,108
Katavi	4,865	6.3	3,419	4.4	3,670	4.8	76,868
Simiyu	1,635	0.9	-	-	1,572	0.9	180,689
Geita	10,105	3.8	3,265	1.2	9,091	3.4	269,141
Songwe	12,507	4.4	5,603	2	30,503	10.8	281,821
Mainland Tanzania	323,092	4.2	129,289	1.7	282,237	3.7	7,657,185
Kaskazini Unguja	7,362	23.3	4,214	13.3	8,146	25.8	31,594
Kusini Unguja	2,035	11.6	2,785	15.8	4,870	27.7	17,593
Mjini Magharibi	4,224	11.8	2,722	7.6	6,865	19.1	35,873
Kaskazini Pemba	6,817	16.7	2,405	5.9	10,896	26.7	40,781
Kusini Pemba	3,917	7.2	3,084	5.7	4,021	7.4	54,379
Tanzania Zanzibar	24,355	13.5	15,210	8.4	34,798	19.3	180,220
Tanzania	347,447	4.4	144,499	1.8	317,035	4.0	7,837,405

**Table 6.17: Number and Percentage of Agricultural Households Reported Status of Food Satisfaction of the Household in the Past 12 Months by Region During 2019/20 Agricultural Year, Tanzania**

Region	Satisfaction of the Food Needs										Total
	Never		Seldom		Sometimes		Often		Always		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Dodoma	122,354	24.0	156,544	30.7	57,190	11.2	174,060	34.1	-	-	510,148
Arusha	80,042	36.2	95,760	43.3	19,132	8.7	26,081	11.8	-	-	221,016
Kilimanjaro	201,390	68.4	64,252	21.8	10,636	3.6	17,964	6.1	70	0	294,311
Tanga	153,894	43.8	114,447	32.6	34,979	10	48,092	13.7	-	-	351,412
Morogoro	133,089	32.2	149,750	36.2	36,299	8.8	93,332	22.6	747	0.2	413,216
Pwani	54,865	25.2	77,319	35.5	23,916	11	61,709	28.3	112	0.1	217,921
Dar es Salaam	252,072	60.8	117,918	28.5	15,378	3.7	28,932	7	-	-	414,300
Lindi	43,594	19	78,232	34.1	35,608	15.5	68,277	29.7	3,954	1.7	229,664
Mtwara	78,003	25.6	103,798	34	27,976	9.2	90,482	29.7	4,775	1.6	305,034
Ruvuma	146,312	44.1	95,698	28.8	41,699	12.6	46,848	14.1	1,462	0.4	332,020
Iringa	124,292	59.3	35,901	17.1	21,624	10.3	27,469	13.1	199	0.1	209,485
Mbeya	204,398	53.7	102,197	26.8	39,832	10.5	33,810	8.9	401	0.1	380,639
Singida	101,407	37.2	99,730	36.6	7,828	2.9	62,573	22.9	1,124	0.4	272,662
Tabora	98,540	26.6	126,228	34.1	54,447	14.7	89,996	24.3	760	0.2	369,971
Rukwa	75,861	34.8	69,440	31.8	32,227	14.8	39,010	17.9	1,711	0.8	218,249
Kigoma	87,725	25.2	156,500	44.9	30,544	8.8	68,402	19.6	5,206	1.5	348,378
Shinyanga	46,128	22.5	77,427	37.8	25,908	12.6	54,697	26.7	766	0.4	204,926
Kagera	227,353	47.1	146,903	30.4	57,544	11.9	50,622	10.5	597	0.1	483,019
Mwanza	94,104	23.2	165,481	40.8	42,095	10.4	103,114	25.4	1,240	0.3	406,034
Mara	44,673	19.1	96,356	41.2	29,168	12.5	62,852	26.9	882	0.4	233,931
Manyara	103,262	37.9	88,798	32.6	27,381	10.1	50,665	18.6	2,118	0.8	272,224
Njombe	139,856	87.4	12,418	7.8	4,484	2.8	3,350	2.1	-	-	160,108
Katavi	28,450	37	21,401	27.8	9,522	12.4	16,402	21.3	1,093	1.4	76,867
Simiyu	45,826	25.4	52,386	29	27,063	15	54,934	30.4	480	0.3	180,689
Geita	86,540	32.2	93,629	34.8	34,985	13	53,557	19.9	431	0.2	269,141
Songwe	155,993	55.4	69,556	24.7	22,355	7.9	33,092	11.7	825	0.3	281,820
Mainland Tanzania	2,930,023	38.3	2,468,069	32.2	769,820	10.1	1,460,322	19.1	28,953	0.4	7,657,185
Kaskazini Unguja	4,467	14.1	18,345	58.1	2,470	7.8	6,312	20	-	-	31,594
Kusini Unguja	8,306	47.2	6,357	36.1	1,013	5.8	1,860	10.6	57	0.3	17,593
Mjini Magharibi	13,711	38.2	15,462	43.1	1,908	5.3	4,697	13.1	95	0.3	35,873
Kaskazini Pemba	13,643	33.5	14,173	34.8	4,072	10	8,894	21.8	-	-	40,781
Kusini Pemba	19,035	35	19,068	35.1	5,882	10.8	10,173	18.7	221	0.4	54,379
Tanzania Zanzibar	59,162	32.8	73,405	40.7	15,345	8.5	31,936	17.7	373	0.2	180,220
Tanzania	2,989,185	38.1	2,541,474	32.4	785,165	10	1,492,258	19	29,326	0.4	7,837,405

**Table 6.18: Number and Percentage of Agricultural Households Reported Main Source of Household Income by Region During 2019/20 Agricultural Year, Tanzania**

Region	Main Source of Cash Income									
	Sale of Food Crops		Sale of Livestock		Sale of Livestock Products		Sale of Cash Crops		Sale of Forest Products	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	278,882	54.7	11,516	2.3	7,012	1.4	32,979	6.5	202	0.0
Arusha	55,076	24.9	67,681	30.6	10,187	4.6	3,162	1.4	232	0.1
Kilimanjaro	130,216	44.2	17,241	5.9	6,310	2.1	5,915	2.0	397	0.1
Tanga	145,671	41.5	4,945	1.4	5,767	1.6	20,393	5.8	1,123	0.3
Morogoro	233,838	56.6	4,685	1.1	2,331	0.6	10,144	2.5	-	-
Pwani	59,704	27.4	4,086	1.9	2,328	1.1	17,994	8.3	4,672	2.1
Dar es Salaam	49,362	11.9	11,321	2.7	6,596	1.6	17,657	4.3	-	-
Lindi	75,192	32.7	595	0.3	665	0.3	96,836	42.2	2,060	0.9
Mtwara	86,811	28.5	3,300	1.1	885	0.3	107,360	35.2	1,428	0.5
Ruvuma	198,432	59.8	3,398	1.0	4,269	1.3	35,864	10.8	382	0.1
Iringa	70,093	33.5	4,598	2.2	1,712	0.8	6,342	3.0	816	0.4
Mbeya	187,193	49.2	3,819	1.0	5,544	1.5	36,237	9.5	1,271	0.3
Singida	102,823	37.7	13,841	5.1	2,999	1.1	10,146	3.7	892	0.3
Tabora	215,584	58.3	11,750	3.2	4,657	1.3	14,580	3.9	625	0.2
Rukwa	128,985	59.1	2,954	1.4	1,262	0.6	4,692	2.1	-	-
Kigoma	197,002	56.5	5,783	1.7	558	0.2	10,049	2.9	4,481	1.3
Shinyanga	108,545	53.0	3,569	1.7	4,757	2.3	12,796	6.2	1,439	0.7
Kagera	297,861	61.7	6,794	1.4	1,039	0.2	9,362	1.9	1,006	0.2
Mwanza	121,768	30.0	6,314	1.6	4,514	1.1	6,912	1.7	3,122	0.8
Mara	100,487	43.0	4,647	2.0	4,857	2.1	9,105	3.9	300	0.1
Manyara	131,851	48.4	46,761	17.2	3,336	1.2	6,630	2.4	1,255	0.5
Njombe	103,132	64.4	1,105	0.7	603	0.4	1,689	1.1	1,066	0.7
Katavi	42,702	55.6	1,438	1.9	1,011	1.3	1,848	2.4	442	0.6
Simiyu	81,230	45.0	6,598	3.7	3,152	1.7	20,221	11.2	394	0.2
Geita	118,501	44.0	9,251	3.4	2,871	1.1	5,351	2.0	1,170	0.4
Songwe	136,621	48.5	10,301	3.7	5,621	2.0	32,148	11.4	459	0.2
<b>Mainland Tanzania</b>	<b>3,457,562</b>	<b>45.2</b>	<b>268,291</b>	<b>3.5</b>	<b>94,843</b>	<b>1.2</b>	<b>536,412</b>	<b>7.0</b>	<b>29,234</b>	<b>0.4</b>
Kaskazini Unguja	7,853	24.9	51	0.2	459	1.5	1,356	4.3	-	-
Kusini Unguja	3,727	21.2	212	1.2	281	1.6	637	3.6	244	1.4
Mjini Magharibi	8,423	23.5	359	1.0	1,051	2.9	92	0.3	-	-
Kaskazini Pemba	3,753	9.2	431	1.1	235	0.6	2,099	5.1	-	-
Kusini Pemba	9,009	16.6	589	1.1	557	1.0	1,966	3.6	-	-
<b>Tanzania Zanzibar</b>	<b>32,765</b>	<b>18.2</b>	<b>1,642</b>	<b>0.9</b>	<b>2,583</b>	<b>1.4</b>	<b>6,150</b>	<b>3.4</b>	<b>244</b>	<b>0.1</b>
<b>Tanzania</b>	<b>3,490,327</b>	<b>44.5</b>	<b>269,933</b>	<b>3.4</b>	<b>97,426</b>	<b>1.2</b>	<b>542,562</b>	<b>6.9</b>	<b>29,478</b>	<b>0.4</b>

**Cont... Table 6.18: Number and Percentage of Agricultural Households Reported Main Source of Household Income by Region During 2019/20 Agricultural Year**

Region	Main Source of Cash Income							
	Business Income		Wages/Salaries in Cash		Casual Cash Earnings		Cash Remittances	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Dodoma	74,744	14.7	7,727	1.5	71,157	13.9	21,892	4.3
Arusha	29,602	13.4	15,947	7.2	28,690	13.0	6,975	3.2
Kilimanjaro	38,432	13.1	13,808	4.7	50,188	17.1	23,671	8.0
Tanga	61,120	17.4	17,421	5.0	42,843	12.2	35,176	10.0
Morogoro	59,494	14.4	13,186	3.2	66,020	16.0	14,060	3.4
Pwani	46,299	21.2	13,578	6.2	29,516	13.5	20,361	9.3
Dar es Salaam	156,424	37.8	70,075	16.9	52,146	12.6	25,263	6.1
Lindi	14,718	6.4	4,206	1.8	16,823	7.3	9,546	4.2
Mtwara	26,659	8.7	7,695	2.5	56,317	18.5	11,086	3.6
Ruvuma	22,221	6.7	6,919	2.1	43,383	13.1	7,689	2.3
Iringa	44,094	21.0	12,411	5.9	49,779	23.8	8,270	3.9
Mbeya	62,927	16.5	13,452	3.5	46,280	12.2	9,167	2.4
Singida	34,298	12.6	8,897	3.3	72,170	26.5	8,728	3.2
Tabora	42,464	11.5	14,422	3.9	46,432	12.6	11,687	3.2
Rukwa	24,258	11.1	9,057	4.1	27,842	12.8	7,924	3.6
Kigoma	31,961	9.2	8,084	2.3	50,177	14.4	17,470	5.0
Shinyanga	17,680	8.6	7,882	3.8	38,620	18.8	5,190	2.5
Kagera	41,706	8.6	16,884	3.5	72,552	15.0	22,700	4.7
Mwanza	69,711	17.2	16,939	4.2	103,659	25.5	21,734	5.4
Mara	30,884	13.2	6,129	2.6	43,553	18.6	10,508	4.5
Manyara	21,475	7.9	10,608	3.9	35,168	12.9	10,508	3.9
Njombe	13,604	8.5	5,640	3.5	17,173	10.7	11,608	7.3
Katavi	9,395	12.2	2,020	2.6	11,364	14.8	2,882	3.7
Simiyu	18,125	10.0	5,466	3.0	31,236	17.3	5,865	3.2
Geita	32,648	12.1	11,418	4.2	67,997	25.3	9,347	3.5
Songwe	36,853	13.1	6,120	2.2	28,466	10.1	16,726	5.9
<b>Mainland Tanzania</b>	<b>1,061,796</b>	<b>13.9</b>	<b>325,991</b>	<b>4.3</b>	<b>1,199,551</b>	<b>15.7</b>	<b>356,033</b>	<b>4.6</b>
Kaskazini Unguja	4,240	13.4	2,597	8.2	6,132	19.4	2,707	8.6
Kusini Unguja	3,649	20.7	2,001	11.4	3,161	18.0	496	2.8
Mjini Magharibi	6,965	19.4	6,445	18.0	6,868	19.1	1,747	4.9
Kaskazini Pemba	6,820	16.7	1,724	4.2	8,897	21.8	5,366	13.2
Kusini Pemba	9,840	18.1	4,389	8.1	9,447	17.4	8,953	16.5
<b>Tanzania Zanzibar</b>	<b>31,514</b>	<b>17.5</b>	<b>17,156</b>	<b>9.5</b>	<b>34,505</b>	<b>19.1</b>	<b>19,269</b>	<b>10.7</b>
<b>Tanzania</b>	<b>1,093,310</b>	<b>13.9</b>	<b>343,147</b>	<b>4.4</b>	<b>1,234,056</b>	<b>15.7</b>	<b>375,302</b>	<b>4.8</b>





**Cont...Table 6.18: Number and Percentage of Agricultural Households Reported Main Source of Household Income by Region During 2019/20 Agricultural Year**

Region	Main Source of Cash Income						Total
	Fishing		Fish Farming		Other		
	Number	Percent	Number	Percent	Number	Percent	
Dodoma	1,283	0.3	-	-	2,755	0.5	510,148
Arusha	-	-	-	-	3,464	1.6	221,016
Kilimanjaro	974	0.3	313	0.1	6,847	2.3	294,311
Tanga	6,719	1.9	210	0.1	10,024	2.9	351,412
Morogoro	3,590	0.9	-	-	5,867	1.4	413,216
Pwani	10,991	5	267	0.1	8,125	3.7	217,921
Dar es Salaam	4,583	1.1	-	-	20,874	5	414,300
Lindi	4,211	1.8	337	0.1	4,476	1.9	229,664
Mtwara	2,742	0.9	-	-	751	0.2	305,034
Ruvuma	3,386	1	-	-	6,077	1.8	332,020
Iringa	-	-	-	-	11,371	5.4	209,485
Mbeya	-	-	-	-	14,749	3.9	380,639
Singida	1,372	0.5	-	-	16,497	6.1	272,662
Tabora	435	0.1	-	-	7,335	2	369,971
Rukwa	10,092	4.6	205	0.1	978	0.4	218,249
Kigoma	7,817	2.2	905	0.3	14,092	4	348,378
Shinyanga	156	0.1	-	-	4,291	2.1	204,926
Kagera	2,124	0.4	-	-	10,992	2.3	483,019
Mwanza	27,969	6.9	-	-	23,392	5.8	406,034
Mara	15,547	6.6	-	-	7,914	3.4	233,931
Manyara	263	0.1	379	0.1	3,990	1.5	272,224
Njombe	3,777	2.4	113	0.1	598	0.4	160,108
Katavi	617	0.8	-	-	3,148	4.1	76,867
Simiyu	805	0.4	-	-	7,597	4.2	180,689
Geita	3,928	1.5	-	-	6,661	2.5	269,141
Songwe	5,480	1.9	-	-	3,025	1.1	281,820
Mainland Tanzania	118,861	1.6	2,729	0	205,890	2.7	7,657,185
Kaskazini Unguja	5,799	18.4	-	-	399	1.3	31,594
Kusini Unguja	2,580	14.7	-	-	605	3.4	17,593
Mjini Magharibi	1,124	3.1	-	-	2,798	7.8	35,873
Kaskazini Pemba	9,774	24	-	-	1,683	4.1	40,781
Kusini Pemba	8,678	16	-	-	949	1.7	54,379
Tanzania Zanzibar	27,955	15.5	-	-	6,434	3.6	180,220
Tanzania	146,816	1.9	2,729	0	212,324	2.7	7,837,405



[illegible]

## APPENDIX III: SMALLHOLDER FARMERS QUESTIONNAIRE

ACQ 1	 United Republic of Tanzania <b>NATIONAL SAMPLE CENSUS OF AGRICULTURE 2019/20</b> <b>SMALL SCALE FARMERS QUESTIONNAIRE</b> (This information is collected under the Statistics Act, [Cap 351 R.E 2019]) <b>THIS INFORMATION IS STRICTLY CONFIDENTIAL AND IS TO BE USED FOR STATISTICAL PURPOSES ONLY</b> Executed by the Ministry of Agriculture; Ministry of Livestock and Fisheries; President's Office, Regional Administration and Local Governments; Ministry of Industries and Trade; Ministry of Agriculture, Natural Resources, Livestock and Fisheries, Zanzibar; National Bureau of Statistics and Office of the Chief Government Statistician, Zanzibar	CONFIDENTIAL
  		
<b>SECTION 1: IDENTIFICATION DETAILS</b>		
HH GPS Coordinates Y(S) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> X(E) <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		
	CODE	NAME
1. REGION	<input type="text"/> <input type="text"/>	.....
2. DISTRICT	<input type="text"/> <input type="text"/>	.....
3. WARD/SHEHIA	<input type="text"/> <input type="text"/> <input type="text"/>	.....
4. VILLAGE/MTAA	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	.....
5. ENUMERATION AREA	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	.....
6. HOUSEHOLD NUMBER & NAME OF HOUSEHOLD HEAD	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	.....
7. NAME OF LOCAL LEADER/SHEHA		.....
8. PHONE NUMBER OF LOCAL LEADER/SHEHA	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	.....
9. NAME OF ENUMERATOR & ID	<input type="text"/> <input type="text"/>	.....
10. PHONE NUMBER OF ENUMERATOR	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	.....
11. DATE OF INTERVIEW		...../...../.....
12. DID THE HOUSEHOLD AGREE TO BE INTERVIEWED?	<input type="checkbox"/>	
YES.....1	NO ..... 2	

## Table of Contents

S/N	Topic	Page Number
1	Identifications details	1
2	Activities of the Household	1
3	Household Information	2
4	Land Access/Ownership/Tenure	3
5	Land Use	3
6	Conservational Farming	3
7	Access and use of Resources	3
8	Annual and Permanent Crops Production	4
	8.1 Annual Crop and Vegetable Production - Short Rainy Season	4
	8.2 Annual Crop and Vegetable Production - Long Rainy Season	6
	8.3 Permanent/Perennial Crops and Fruit Tree Production	8
9	Main use of Crop Residuals	10
10	Agroprocessing	10
11	Crop Storage	11
12	On Farm Investments	12
	12.1 Farm Implements	12
	12.2 Use of Tractors and Draft Animals	12
	12.3 Use of Organic Fertilizer	12
	12.4 Access to Farm Inputs	12
	12.5 Irrigation Practice	12
	12.6 Soil Erosion	13
13	Access and use of Credit for Agricultural purposes	13
14	Crop Extension Services	13
	<b>Livestock Production and Products</b>	14
15	Cattle	14
	15.2 Cattle Population	14
	15.3 Cattle Intake	14
	15.4 Cattle Offtake	14
	15.5 Cattle Diseases	14
	15.6 Cattle Identification	14
	15.7 Milk Production	14
16	Goat	15
	16.2 Goat Population	15
	16.3 Goat Intake	15
	16.4 Goat Offtake	15
	16.5 Goat Diseases	15
	16.6 Milk Production	15
17	Sheep	16
	17.2 Sheep Population	16
	17.3 Sheep Intake	16
	17.4 Sheep Offtake	16
	17.5 Sheep Diseases	16

S/N	Topic	Page Number
18.0	Pigs	17
	18.2 Pig Population	17
	18.3 Pig Intake	17
	18.4 Pig Offtake	17
	18.5 Pig Diseases/Pests/Condition	17
19.0	Poultry	18
	19.1 Poultry Population	18
	19.2 Poultry Diseases	18
20.0	Other Livestock	18
	20.1 Other Livestock Population	18
	20.2 Other Livestock Product	18
21.0	Outlet for Sales of Livestock	18
22.0	Livestock Structures/Accessories	18
23.0	Livestock Pest & Parasite Control	19
24.0	Livestock Extension	19
25.0	Livestock Extension Service Providers	19
26.0	Government Regulatory Challenges	19
27.0	Fish Farming	20
28.0	Bee Keeping	20
29.0	Labour Use	21
30.0	Subsistence vs Non-Subsistence	21
31.0	Access to infrastructure and other Services	21
32.0	Agricultural Constraints	22
33.0	Market Information	22
34.0	Poverty Indicators at household Level	23
	34.1 House construction	23
	34.2 House assets	23
	34.3 Energy use by household	23
	34.4 Access to drinking water	23
	34.5 Access to toilet facilities	23
	34.6 Food consumption patterns	23
	34.7 Source of household income	23
35	Result of the interview	24

<b>2.0</b>	<b>AGRICULTURAL ACTIVITIES OF THE HOUSEHOLD</b>
2.1	What type of agricultural activity does this household practice? <input type="checkbox"/>
<div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><b>Codes ( 2.1)</b></p> <p>Crops only.....1</p> <p>Livestock only .....2</p> <p>Fish farming only .....3</p> <p>Pastoralist.....4</p> <p>Crops and Livestock .....5</p> </div>	

3.0 HOUSEHOLD INFORMATION																	
3.1 GIVE DETAILS OF PERSONAL PARTICULARS OF ALL HOUSEHOLD MEMBERS BEGINNING WITH THE HEAD OF HOUSEHOLD																	
S/N	Please give the names of the persons who usually live in your household starting with the head of the household	What is the relationship of (NAME) to the head of the household ?	Is (NAME) male or female? (M=1, F=2)	How old is (NAME) ? (IF AGE IS 97 OR ABOVE THEN WRITE 97, BELOW ONE YEAR WRITE '00')	BELOW 18 YEARS		5 YEARS AND ABOVE					18 YEARS AND ABOVE					
					Survival of Parents		Read & Write	Schooling Status	Education Level	Involvement into Farming	Main Activity	Involvement in Value Addition	Land Ownership	Title Deed Possession	Type of Tenure	Membership	Off-farm Income
					Is (NAME)'s biological mother alive?	Is (NAME)'s biological father alive?	Does (NAME) knows how to read and write in english or kiswahili or both?	What is the schooling status of (NAME)?	What is the highest level of school (NAME) has reached?	How involved is (NAME) in farming activities ?	What is the main activity of (NAME) ?	Is (NAME) involved in value addition? (Yes=1, No=2,Not Applicable=9)	Does (NAME) own any piece of agricultural land ? (Yes=1, No=2)	Does (NAME) have a Title deed of the agricultural land ? (Yes=1, No=2)	What Type of Tenure does [NAME] have on the agricultural land?	Is (NAME) a member of co-operative or farmers organization or both?	Does (NAME) generates any off-farm income? (Yes=1 No=2)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
3.1.1																	
3.1.2																	
3.1.3																	
3.1.4																	

**Relation to head (Col 2)**

Head of household .....1

Spouse .....2

Son/daughter .....3

Father/Mother .....4

Grandson/granddaughter...5

Other Relative .....6

Not Related.....8

**Read & Write (Col 7)**

Swahili .....1

English .....2

Swahili & English .....3

Any other language .....4

Don't Read/ Write .....5

**Education Level Reached (Col 9)**

**Primary Education**

Pre Primary..... 00

Standard One .....01

Standard Two .....02

Standard Three .....03

Standard Four .....04

Standard Five .....05

Standard Six .....06

Standard Seven .....07

Standard Eight .....08

Training after Primary .....09

Pre Form One .....10

**Secondary Education**

Form one .....11

Form two .....12

Form three .....13

Form four .....14

Form five .....15

Form six .....16

Education after Secondary .....17

University & other tertiary .....18

Adult Education .....19

Not applicable .....99

**Main activity (Col 11)**

Crop Farming .....01

Livestock Keeping/Herding.....02

Livestock Pastoralism.....03

Fishing .....04

Paid employment:

- Government/parastatal .....05

- Private- NGO/mission/etc .....06

Self employed (non farming)

- with employees .....07

- without employees .....08

Unpaid family helper (non agriculture) .....09

Not working & available.....10

Not working & unavailable.....11

Housemaker/housewife .....12

Student .....13

Unable to work /too old/Retired/sick/disabled)...14

Fish farming.....15

Agro processing.....16

Bee keeping.....17

Seaweed farming.....18

Other (specify).....98

**Membership (Col 16)**

Yes, Cooperative.....1

Yes, Farmers Organisation.....2

Yes, Both .....3

No.....4

Not applicable.....9

**Survival of Parents (Col 5 & 6)**

Yes .....1

No .....2

Don't know .....3

**Education Status (Col 8)**

Attending School .....1

Dropped out.....2

Completed .....3

Never attended School ...4

**Involvement in farming activities (Col 10)**

Works full time on farm .....1

Works part-time on farm .....2

Rarely works on farm .....3

Never works on farm.....4

**Type of Tenure (Col 15)**

Customary Right of Occupancy with certificate of customary right of occupancy.....1

Customary Right of Occupancy without certificate of customary right of occupancy .....2

Granted Right of Occupancy (with title deed) .....3

Others (Specify).....8

<b>4.0</b>	<b>LAND ACCESS/OWNERSHIP/TENURE</b>			
4.1	Details of land "owned" by the household in the 2019/20 agricultural year. Give area reported by the respondent in "acres".			
		<b>Area in Acres</b>		
4.1.1	Land <b>Leased/Certificate of ownership</b>		4.2	Was total land mentioned (Qs 4.1) available to the household used during agricultural year 2019/20 (Yes=1, No=2) <input type="checkbox"/>
4.1.2	Land owned under <b>Customary Law</b>			
4.1.3	Land <b>Bought</b> from others			
4.1.4	Land <b>Rented</b> from others		4.3	Do you consider to have sufficient agricultural land for your household ? (Yes=1, No=2) <input type="checkbox"/>
4.1.5	Land <b>Borrowed</b> from others			
4.1.6	Land <b>Share - cropped</b> from others			
4.1.7	Land under <b>Other</b> forms of tenure		4.4	Do any female members of your household have right to agricultural land (Yes=1, No=2) <input type="checkbox"/>
4.1.8	<b>Total Land</b>			
			4.5	From land mentioned (Qs 4.1) in what Region and District is the majority of Agricultural production? Region <input type="checkbox"/> <input type="checkbox"/> D istrict <input type="checkbox"/> <input type="checkbox"/>
<b>5.0</b>	<b>LAND USE</b>			
5.1	Area operated by household under different forms of land use during 2019/20 agricultural year . Give area reported by the respondent in "acres"			
		<b>Area in Acres</b>		
5.1.1	Area under <b>Temporary Mono-crops</b>			
5.1.2	Area under <b>Temporary Mixed</b> crops (eg maize & beans)			
5.1.3	Area under <b>Permanent Mono-crops</b>			
5.1.4	Area under <b>Permanent Mixed</b> crops (eg banana, coffee & trees)			
5.1.5	Area under <b>Permanent/temporary mix</b> (eg banana & maize)			
5.1.6	Area under <b>Fish farming</b>			
5.1.7	Area under <b>Pasture</b>			
5.1.8	Area under <b>Fallow</b>			
5.1.9	Area under <b>Natural Bush</b>			
5.1.10	Area under <b>Planted Trees</b>			
5.1.11	Area <b>Rented</b> to others			
5.1.12	Area <b>Unusable</b>			
5.1.13	Area of <b>Uncultivated Usable</b> land (excluding fallow)			
5.1.14	<b>Total area</b>			

<b>6.0 CONSERVATIONAL FARMING</b>									
6.1		Did this household practiced Conservation Farming during 2019/20 agricultural year? (Yes=1, No=2) <input type="checkbox"/>							
6.2		Which method was used by this household for Conservation Farming?							
S/N		Methods						Yes = 1, No = 2	
6.2.1		Contour farming (for sloped lands)							
6.2.2		Planting of legumes and other soil conserving plants							
6.2.3		Intense use of organic fertilizer over inorganic fertilizers							
6.2.4		Covering soil with grasses/leaves							
6.2.5		Fallowing							
6.2.6		Other (specify)							
<b>7.0 ACCESS AND USE OF RESOURCES</b>									
7.1		In the following table indicate the distance from different fields used by the household to the following services							
S/N	Field Number	Distance (in kilometres) from field to:			<b>Distance codes</b> Less than 100m .....1      2km and less than 3km .....6 100m and less than 300m .....2      3km and less than 5km .....7 300m and less than 500m .....3      5 km and less than 10 km .....8 500m and less than 1km .....4      Over 10 km .....9 1km and less than 2km .....5      Not Applicable.....99				
		Homestead	Nearest road	Nearest Market					
7.1.1	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
7.1.2	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
7.1.3	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
7.2		In the following table indicate the distance and use of the communal resources from household							
S/N	Communal Resource	Distance to Resource (km)		Main household use		<b>Instructions for distance to resource (Col 4 and 5)</b> If under 1 km, write 0 If above 1 km round to whole numbers eg 1.50km=2km, 1.25km= 1km If not applicable, write 999  <b>Main hh use (Col 4)</b> Home or farm Consumption/utilisation ....1 Sold to Neighbours.....2 Sold to trader on the farm.....3 Sold to village market .....4 Sold to wholesale at local market.....5 Sold to wholesale at major market.....6 Not used by household.....7 Not available .....8			
	(1)	Dry season	Wet season	(4)					
		(2)	(3)						
7.2.1	Water for domestic use	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.2	Water for livestock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.3	Communal Grazing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.4	Communal Firewood	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.5	Building poles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.6	Forest for bees (honey)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.7	Area for Hunting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
7.2.8	Area for Fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

<b>8.0 ANNUAL AND PERMANENT CROP PRODUCTION</b>														
<b>8.1 ANNUAL CROP AND VEGETABLE PRODUCTION</b>														
8.1.1 SHORT RAINY SEASON: Did the household plant any crops during the short rainy season in the 2019/20 agricultural year ? (Yes = 1, No = 2) <input type="checkbox"/>														
8.1.2 For each crop planted during 2019/20 Short Rainy season provide the following information														
Field	Total Field Area (Acres)	Plot	Crop Name	Crop Code	Land preparation Costs (TZS)	Planting, Irrigation & Harvesting								
						Planted area (Acres)	Planting Costs (TZS)	Was this (CROP) irrigated? Yes = 1, No = 2 -> 8(f)	Area Irrigated (Acres)	Main Source of Water for Irrigation	Method of Irrigation	Irrigation costs	Weeding Costs (TZS)	
(1)	(2)	(3)	(4)	(5)	(6)	7(a)	7(b)	8(a)	8(b)	8(c)	8(d)	8(e)	8(f)	
8.1.2 For each crop planted during 2019/20 Short Rainy season provide the following information														
Field	Total Field Area (Acres)	Plot	Crop Name	Crop Code	Harvested Area (Acres) ( IF NOT HARVESTED WRITE 00 > Column 9(g))	Planting, Irrigation & Harvesting						Storage & Transport Cost		
						Quantity Harvested	Unit	Kg/Unit	Total Kg	Harvesting Cost (TZS)	Reasons for not harvesting (Then > Col. 11)	Quantity Stored (kg) (If the answer is 0 > Col. 11)	Main Method of Storage	Transport cost from farm to storage place (TZS)
(1)	(2)	(3)	(4)	(5)	9(a)	9(b)	9(c)	9(d)	9(e)	9(f)	9(g)	10(a)	10(b)	10(c)
<div style="display: flex; justify-content: space-between;"> <div style="width: 24%;"> <p><b>Main Source of water for Irrigation (Col. 8c)</b></p> <p>River .....1 Borehole .....5</p> <p>Lake .....2 Canal .....6</p> <p>Dam .....3 Tap Water .....7</p> <p>Well .....4 Other (specify).....8</p> </div> <div style="width: 24%;"> <p><b>Method of Irrigation (Col. 8d)</b></p> <p>Gravity .....1</p> <p>Bucket.....2</p> <p>Hand/Leg pump.....3</p> <p>Water pump.....4</p> <p>Drip irrigation.....5</p> <p>Other .....8</p> </div> <div style="width: 24%;"> <p><b>Reasons for Not Harvesting (Col. 9g)</b></p> <p>Crops not harvested yet.....1</p> <p>Drought.....2</p> <p>Rain/flood damage.....3</p> <p>Fire damage.....4</p> <p>Pest/Diseases damage.....5</p> <p>Animal damage.....6</p> <p>Theft.....7</p> <p>Other (specify).....8</p> <p>Not Applicable.....9</p> </div> <div style="width: 24%;"> <p><b>Main method of Storage (Col. 10b)</b></p> <p>In locally made traditional structure.....1</p> <p>In improved locally made structure.....2</p> <p>In modern store .....3</p> <p>Open drum.....4</p> <p>In airtight drum .....5</p> <p>Unprotected pile .....6</p> <p>Did not store.....7</p> <p>Other.....8</p> <p>Not Applicable.....9</p> </div> </div>														



8.1	ANNUAL CROP AND VEGETABLE PRODUCTION (...CONTINUES)														
8.1.2	For each crop planted during 2019/20 Short Rainy season provide the following information														
Field	Total Field Area (acres)	Plot	Annual Crop Name	Crop Code	INPUT USE										
					Seed Use					Fertilizer Use					
					What type of seed was used for this [CROP]?	What was the area [COL 11] planted with Seed?	Quantity of seed		Cost (TZS)	Did you use fertilizer for this [CROP]? Yes = 1 No=2 -> 21	Area Applied with fertilizer	Type of Fertilizer Used	Quantity of Fertilizer		Cost (TZS)
							Unit	Quantity used					Unit	Quantity Used	
(1)	(2)	(3)	(4)	(5)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	19(a)	19(b)	(20)

8.1.2	For each crop planted during 2019/20 Short Rainy season provide the following information													
Field	Total Field Area (acres)	Plot	Annual Crop Name	Crop Code	INPUT USE									
					Herbicides Use					Fungicides Use				
					Did you use Herbicides for this [CROP]? Yes = 1, No =2 -> 26	Area Applied with Herbicides	Quantity		Cost (TZS)	Did you use fungicides for this [CROP]? Yes = 1, No =2 > 31	Area Applied with Fungicides	Quantity		Cost (TZS)
							Unit	Quantity Used				Unit	Quantity Used	
(1)	(2)	(3)	(4)	(5)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)

**Unit (Col 13)**  
 Kilogram .....1  
 Seedlings .....2  
 Cuttings .....3

**Type of fertilizer (Col 18)**  
 Inorganic ..... 1  
 Organic ..... 2

**Type of Seed (Col 11)**  
 Local Seed .....1  
 Improved Seed .....2  
 Both Local & Improved Seeds .....3

**Unit (Col . 19a, 23, 28 & 33)**  
 Kilogram .....1  
 Litre .....2

8.1 ANNUAL CROP AND VEGETABLE PRODUCTION (...CONTINUES)														
Field	Total Field Area (acres)	Plot	Annual Crop Name	Insecticides Use						Marketing & Challenges				
				Did you use insecticides (Pesticides) for this [CROP]? Yes = 1, No =2 > 36	Area Applied with insecticides	Quantity		Cost (Tzs)	Any other Costs (if no cost write 00) (CHECK IF COL. 9a =0-> COL. 41)	Did you sell the harvested crop? (Yes = 1, No =2) if 2 go to Col 40	Quantity Sold (kgs)	Average Price/Kg (Tzs/Kg) > 41	Reason for not selling	Marketing Challenge
						Unit	Quantity used							
(1)	(2)	(3)	(4)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)

**Unit (Col. 19a, 23, 28 & 33)**

Kilogram.....1

Litre.....2

**Market challenges (Col 41)**

Low market price .....01	Cooperative Problems .....07
No transport .....02	Trade Union problems .....08
Transport cost too high .....03	Government Regulatory board problems.....09
No buyer .....04	Lack of market Information .....10
Market too far .....05	Production insufficient to sell.....11
Farmer association problems .....06	Household consumption.....12
	Other (specify) .....98

**Reasons for not selling crops (Col 40)**

Low market price .....1

Household consumption.....2

Other (specify) ..... 98

Not Applicable .....99

8.2	ANNUAL CROP AND VEGETABLE PRODUCTION													
8.2.1	LONG RAINY SEASON: Did the household plant any crops during the long rainy season in the 2019/20 agricultural year ? (Yes = 1, No = 2) <input type="text"/>													
8.2.2	For each crop planted during 2019/20 long rainy season provide the following information													
Field	Total Field Area (Acres)	Plot	Crop Name	Crop Code	Land preparation Costs (TZS)	Planting, Irrigation & Harvesting								
						Planted area (Acres)	Planting Costs (TZS)	Was this (CROP) irrigated? Yes = 1, No =2 -> 8(f)	Area Irrigated (Acres)	Main Source of Water for Irrigation	Method of Irrigation	Irrigation Costs	Weeding Costs (TZS)	
(1)	(2)	(3)	(4)	(5)	(6)	7(a)	7(b)	8(a)	8(b)	8(c)	8(d)	8(e)	8(f)	
8.2.2	For each crop planted during 2019/20 long rainy season provide the following information													
Field	Total Field Area (Acres)	Plot	Crop Name	Crop Code	Planting, Irrigation & Harvesting						Storage & Transport Cost			
					Harvested Area (Acres) ( IF NOT HARVESTED WRITE 00 > Column 9(g))	Quantity Harvested	Unit	Kg/Unit	Total Kg	Harvesting Cost (TZS)	Reasons for not harvesting (Then > Col. 11)	Quantity Stored (kg) (If the answer is 0 > Col. 11)	Main Method of Storage	Transport cost from farm to storage place (TZS)
(1)	(2)	(3)	(4)	(5)	9(a)	9(b)	9(c)	9(d)	9(e)	9(f)	9(g)	10(a)	10(b)	10(c)
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>Main Source of water for Irrigation (Col. 8c)</b></p> <p>River .....1 Borehole .....5</p> <p>Lake .....2 Canal .....6</p> <p>Dam .....3 Tap Water .....7</p> <p>Well .....4 Other (specify).....8</p> </div> <div style="width: 30%;"> <p><b>Method of Irrigation (Col. 8d)</b></p> <p>Gravity.....1</p> <p>Bucket.....2</p> <p>Hand/Leg pump.....3</p> <p>Water pump.....4</p> <p>Drip irrigation.....5</p> <p>Other .....8</p> </div> <div style="width: 30%;"> <p><b>Reasons for Not Harvesting (Col. 9g)</b></p> <p>Crops not harvested yet.....1</p> <p>Drought.....2</p> <p>Rain/flood damage.....3</p> <p>Fire damage.....4</p> <p>Pest/Diseases damage.....5</p> <p>Animal damage.....6</p> <p>Theft.....7</p> <p>Other (specify).....8</p> <p>Not Applicable.....9</p> </div> <div style="width: 30%;"> <p><b>Main method of Storage (Col. 10b)</b></p> <p>In locally made traditional structure.....1</p> <p>In Improved locally made structure.....2</p> <p>In modern store .....3</p> <p>Open drum.....4</p> <p>In airtight drum .....5</p> <p>Unprotected pile .....6</p> <p>Did not store.....7</p> <p>Other.....8</p> <p>Not Applicable.....9</p> </div> </div>														

8.2	ANNUAL CROP AND VEGETABLE PRODUCTION (...CONTINUES)														
8.2.2	For each crop planted during 2019/20 long rainy season provide the following information														
Field	Total Field Area (acres)	Plot	Annual Crop Name	Crop Code	INPUT USE										
					Seed Use					Fertilizer Use					
					What type of seed was used for this [CROP]?	What was the area [COL 11] planted with Seed?	Quantity of seed		Cost (TZS)	Did you use fertilizer for this [CROP]? Yes = 1 No=2 -> 21	Area Applied with fertilizer	Type of Fertilizer Used	Quantity of Fertilizer		Cost (TZS)
							Unit	Quantity used					Unit	Quantity Used	
(1)	(2)	(3)	(4)	(5)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	19(a)	19(b)	(20)

8.2.2	For each crop planted during 2019/20 long rainy season provide the following information														
Field	Total Field Area (acres)	Plot	Annual Crop Name	Crop Code	INPUT USE										
					Herbicides Use					Fungicides Use					
					Did you use Herbicides for this [CROP]? Yes = 1, No =2 -> 26	Area Applied with Herbicides	Quantity		Cost (TZS)	Did you use fungicides for this [CROP]? Yes = 1, No =2 > 31	Area Applied with Fungicides	Quantity		Cost (TZS)	
							Unit	Quantity Used				Unit	Quantity Used		
(1)	(2)	(3)	(4)	(5)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	

Unit (Col 13)  
 Kilogram .....1  
 Seedlings .....2  
 Cuttings .....3

Type of fertilizer (Col 18)  
 Inorganic .....1  
 Organic .....2

Type of Seed (Col 11)  
 Local Seed .....1  
 Improved Seed .....2  
 Both Local & Improved Seeds .....3

Unit (Col . 19a, 23, 28 & 33)  
 Kilogram .....1  
 Litre .....2

8.2 ANNUAL CROP AND VEGETABLE PRODUCTION (...CONTINUES)														
Field	Total Field Area (acres)	Plot	Annual Crop Name	Insecticides Use						Marketing & Challenges				
				Did you use insecticides (Pesticides) for this [CROP]? Yes = 1, No =2 > 36	Area Applied with insecticides	Quantity		Cost (TZS)	Any other Costs (if no cost write 00) (CHECK IF COL. 9a =0-> Col 41)	Did you sell the harvested crop? (Yes = 1, No =2) if 2 go to Col 40	Quantity Sold (kgs)	Average Price/Kg (Tzs/Kg) > 41	Reason for not selling	Marketing Challenge
						Unit	Quantity Used							
(1)	(2)	(3)	(4)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)

**Unit (Col . 19a, 23, 28 & 33)**

Kilogram..... 1

Litre.....2

**Market challenges (Col 41)**

Low market price .....01	Cooperative Problems .....07
No transport .....02	Trade Union problems .....08
Transport cost too high .....03	Government Regulatory board problems.....09
No buyer .....04	Lack of market Information .....10
Market too far .....05	Production insufficient to sell.....11
Farmer association problems .....06	Household consumption.....12
	Other (specify) .....98

**Reasons for not selling crops (Col 40)**

Low market price .....1

Household consumption.....2

Other (specify) ..... 98

Not Applicable .....99

8.3

PERMANENT/PERENNIAL CROPS AND FRUIT TREE PRODUCTION

8.3.1

Does your household have any permanent/perennial crops or fruit trees? (Yes = 1, No = 2) If NO, go to section 9.0

8.3.2

For each of the permanent crops and fruit trees owned by the household during 2019/20 provide the following information

Field	Total Area Field (acres)	Plot	Crop Name	Crop Code	Size of Production Unit		Irrigation Use						Harvesting						Storage		Number of Matured trees
					MONOCROP	MIXED CROP	Was this (CROP) irrigated in 2019/20 agricultural year ? Yes = 1, No =2 > 9(a)	Area Irrigated (Acres)	Main Source of Water for Irrigation	Method of Irrigation	Cost of Irrigation	Area Harvested (Acres) ( IF NOT HARVESTED WRITE 00 > Column 9(g))	Quantity Harvested	Unit	Kg/Unit	Total Kgs	Harvesting Cost (TZS)	Reasons for not Harvesting (give reason then ->next crop)	Quantity Stored (kg)	Main method of Storage	
					Area of Plants/trees in MONO CROP (acres)	Area covered by Permanent Crop in a MIXED CROP (acre)															
(1)	(2)	(3)	(4)	(5)	(6)	(7)	8(a)	8(b)	8(c)	8(d)	8(e)	9(a)	9(b)	9(c)	9(d)	9(e)	9(f)	9(g)	10(a)	10(b)	10(c)

8.3

PERMANENT/PERENNIAL CROPS AND FRUIT TREE PRODUCTION (....CONTINUES)

8.3.2

For each of the permanent crops and fruit trees owned by the household during 2019/20 provide the following information

Field	Total Area Field (Acres)	Crop	Permanent Crop Name	Permanent crop/ fruit tree crop Code	Input Use															
					Seed/ Seedling Use						Fertilizer Use						Herbicides Use			
					What type of seed was used for this [CROP]?	What was the area planted with seed/ seedling [Col 11] ?	Quantity		Cost of seed(s) (TZS)	Did you use fertilizer for this [CROP]? Yes = 1 No =2 > 21	Area Applied (Acres)	Type of Fertilizer Used	Quantity		Cost (TZs)	Did you use Herbicides for this [CROP]? Yes = 1, No =2 > 26	Area Applied (Acres)	Quantity		Cost (TZS)
							Unit	Quantity Used					Unit	Quantity used				Unit	Quantity used	
(1)	(2)	(3)	(4)	(5)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	19(a)	19 (b)	(20)	(21)	(22)	(23)	(24)	(25)

Main Source of water for Irrigation (Col. 8c)

River .....1
Borehole .....5
Lake .....2
Canal .....6
Dam .....3
Tap Water .....7
Well .....4
Other (specify) .....8

Method of Irrigation (Col. 8d)

Gravily .....1
Bucket .....2
Hand/Leg pump .....3
Water pump .....4
Drip irrigation .....5
Other (specify) .....8

Reasons for Not Harvesting (Col. 9g)

Crops not harvested yet .....1
Drought .....2
Rain/flood damage .....3
Fire damage .....4
Pest/ Disease damage .....5
Animal damage .....6
Theft .....7
Other (specify) .....8

Main method of Storage (Col 10b)

In locally made traditional structure .....1
In improved locally made structure .....2
In modern store .....3
In Sacks/open drum .....4
In airtight drum .....5
Unprotected pile .....6
Other (Specify) .....8
Not applicable .....9

8.3 PERMANENT/PERENNIAL CROPS AND FRUIT TREE PRODUCTION (....CONTINUES)																				
Field	Total Area Field (acres)	Crop	Permanent Crop Name	Permanent Crop/Fruit tree crop Code	Fungicides Use				Insecticides Use				Any other Costs (CHECK IF COL. 9a = 0 -> Col 41)	Marketing & Challenges						
					Did you use fungicides for this [CROP]? Yes = 1, No =2 > 31	Area Applied (Acres)	Quantity		Cost (Tzs)	Did you use insecticides for this [CROP]? Yes = 1, No =2 > 36	Area Applied (Acres)	Quantity		Cost (Tzs)	Did you sell the crop? (Yes =1,No =2) if 2 go to Col 40	Quantity sold (kgs)	Average Price/Kg (Tzs/Kg)	Reason for not selling	Marketing Challenges	
							Unit	Quantity used				Unit								Quantity used
(1)	(2)	(3)	(4)	(5)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)

**Unit Measurement of Seed (Col. 23, 28 & 33)**

Kilogram.....1

Litre.....2

**Reasons for not selling crops (Col 40)**

Low market price .....01

Household consumption.....02

Other (specify) .....98

Not Applicable .....99

**Market challenges (Col 41)**

Low market price .....01

No transport .....02

Transport cost too high .....03

No buyer .....04

Market too far .....05

Farmer association problems .....06

Not Applicable .....99

Cooperative Problems .....07

Trade Union problems .....08

Government Regulatory board problems.....09

Lack of market Information .....10

Production insufficient to sell.....11

Household consumption.....12

Other (specify) .....98

<b>9.0</b>	<b>MAIN USE OF CROP RESIDUE</b>										
9.1	Did you use residues from any of your crops during the 2019/20 agricultural year? (Yes=1, No=2) If the response is 'NO' go to section 10.0 <input type="checkbox"/>										
9.2	List the main crops with residues and provide the following details:										
S/N	Crop Name	Crop Code	Name of Crop Residues	Crop Residues Code	Mainly Used for	Quantity of Crop Residues Produced	Unit	Kg/Unit	Total Quantity of Crop Residues Produced (kg)	Quantity Sold (kg) IF NOT SOLD, FILL "0000" THEN SKIP TO NEXT CROP	Price per Unit (TZS)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
9.2.1											
9.2.2											
9.2.3											
9.2.4											
9.2.5											
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <b><u>Name of Crop Residues (Col 3)</u></b>  Green leaves &amp; Stem.....1 Flower .....4  Straw, dry stems .....2 Fruit .....5  Root, tuber .....3 Other (specify).....8 </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <b><u>Mainly used for (Col 5)</u></b>  Feeding to livestock.....1 Consumed by household .....4  Building material .....2 Sold .....5  Fuel for cooking .....3 Grazing in Situ.....6  Other (specify).....8 </div> <div style="width: 30%; border: 1px solid black; padding: 5px;"> <b><u>Unit (Col 7)</u></b>  Loose Bundle/bunch .....1 kg .....5  Compressed bunch/Bale.....2 Stems .....6  Tin .....3 Sack .....7  Bucket .....4 Acre.....8  Other (specify).....9 </div> </div>											



10.0	<b>AGROPROCESSING</b>																
10.1	Did the household <b>process</b> any of the crops harvested on the farm during 2019/20 agricultural year? (Yes=1, No=2) If the response is 'NO' go to section 11.0 <input type="checkbox"/>																
10.2	List the <b>main crops processed</b> and provide the following details:																
S/N	Crop Name	Crop Code	Where Processed	Name of the Main Product	Use of the Main Product	Quantity of Main Product	Unit	Kg or Litre/Unit	Main Type of Packaging	Quantity Sold (If)	Where Sold	By Product Name	Use of By Product	Unit	Quantity of by product	Kg or Litre/Unit	Quantity Sold
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
10.2.1																	
10.2.2																	
10.2.3																	
10.2.4																	
10.2.5																	

**Processed (Col 3)**

On farm by hand.....1

On farm by machine.....2

By neighbours machine.....3

By farmers association.....4

By Cooperative union.....5

By trader.....6

On Large scale farm.....7

By factory.....8

Other (specify).....98

**Main product code (Col 4)**

Flour/meal.....1

Grain.....2

Oil.....3

Juice.....4

Fiber.....5

Pulp.....6

Sheet.....7

Other(specify).....8

**Unit (Col 7 & 14)**

Loose bunch.....1

Compressed bundle.....2

Tin.....3

Bucket.....4

kg.....5

litre.....6

Bag.....7

Other (specify).....8

**Used for (Col 5 & 13)**

Household consumption.....1

Fuel for cooking.....2

Selling.....3

Animal consumption.....4

Did not use.....5

Other(specify).....8

**Main type of packaging (Col 9)**

Leno bags.....1

Sacks.....2

Box.....3

Hermetic bags.....4

Plastic containers.....5

Bottles.....6

Other (specify).....8

**Where sold (Col 11)**

Neighbour.....1

Local market/trade store.....2

Secondary Market.....3

Marketing Cooperative.....4

Farmers Association.....5

Large scale farm.....6

Trader at farm.....7

Did not sell.....8

Other(specify).....9

**By-product code (Col 12)**

Bran.....01

Cake.....02

Husk.....03

Juice.....04

Fiber.....05

Pulp.....06

Oil.....07

Shell.....08

Other (specify).....98

Not applicable.....99

<b>11.0</b>	<b>CROP STORAGE</b>							
<b>11.1</b>	Do you currently have any crops in storage ? (Yes =1, No=2) If the response is 'NO' go to section 12.0 <input type="checkbox"/>							
<b>11.2</b>	For <b>each</b> of the listed crops provide the following details on <b>storage</b>							
S/N	Crop Name	Stored Yes = 1 No = 2, If 2 go next crop	Current Quantity Stored (kg)	Main storage structure	Duration of storage	Main Purpose of Storage	Estimate Storage loss	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
11.2.1	Maize							<b>Main Storage Structure (Col 4)</b> Locally made traditional structure...1 Improved locally made structure ....2 Private modern store.....3 Airtight drum .....4 In house storage.....5 Community warehouse.....6 Community warehouse (Warehouse Receipt System).....7 Other(specify).....8
11.2.2	Paddy							
11.2.3	Sorghum/Millet							
11.2.4	Beans, peas, etc							
11.2.5	Wheat							<b>Duration of Storage (Col 5)</b> Less than 3 months.....1 Between 3 and 6 months .....2 Over 6 months .....3
11.2.6	Cassava							
11.2.7	Coffee							<b>Main purpose of storage (Col 6)</b> Food for the household .....1 To sell for higher price .....2 seed for planting.....3 Other .....8
11.2.8	Cashewnut							
11.2.9	Tobacco							<b>Storage loss (Col 7)</b> No loss .....1 Up to 1/4 loss of the stored quantity....2 Above 1/4 up to 1/2 loss .....3 Loss above 1/2.....4
11.2.10	Cotton							
11.2.11	Groundnuts							
11.2.12	Cloves							

<b>12.0</b>	<b>ON-FARM INVESTMENT</b>		
<b>12.1</b>	<b>FARM IMPLEMENTS</b>		
	Farm implements and assets used and/or owned by the household during 2019/20 agricultural year		
S/N	Equipment/Asset Name	Used Yes=1, No=2	Number Owned
	(1)	(2)	(3)
12.1.1	Panga		
12.1.2	Hand Hoe		
12.1.3	Hand Sprayer		
12.1.4	Draft Animals		
12.1.5	Ox Plough		
12.1.6	Ox Seed Planter		
12.1.7	Ox/ Donkey Cart		
12.1.8	Tractor		
12.1.9	Tractor Plough		
12.1.10	Tractor Harrow		
12.1.11	Shellers/threshers		
12.1.12	Power Tiller		
12.1.13	Ox Ridger		
12.1.14	Water pumps		
12.1.15	Sprinklers		
12.1.16	Other (specify)		

<b>12.2</b>	<b>USE OF TRACTORS AND DRAFT ANIMALS</b>			
	Did you use Tractors/Draft animals to cultivate your land during 2019/20 agricultural year? (Yes=1, No=2) (If no, go to question 12.3) <input type="checkbox"/>			
S/N	Type	Number owned	Number used	Area Cultivated (Acres)
	(1)	(2)	(3)	(4)
12.2.1	Oxen			
12.2.2	Bulls			
12.2.3	Cows			
12.2.4	Donkeys			
12.2.5	Tractor			
12.2.6	Power Tiller			
<b>12.3</b>	<b>APPLICATION OF ORGANIC FERTILIZER</b>			
12.3.1	Did you apply organic fertiliser during 2019/20? (Yes=1, No=2) (If no, go to question 12.4) <input type="checkbox"/>			
	Type of organic Fertiliser	Quantity Used (kg)	Area Applied (acres)	
	(1)	(2)	(3)	
12.3.2	Farmyard Manure			
12.3.3	Compost Manure			

12.4 ACCESS TO FARM INPUTS								
Give details of farm inputs used during the 2019/20 agricultural year								
S/N	Input Name	Used, Yes=1 No=2; if No -> Col 7	Source of Input	Distance to Source	Source of Finance	Quality of input	Reasons for not Using	Plan to Use Next year Yes=1, No=2
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
12.4.1	Chemical Fertiliser							
12.4.2	Farmyard Manure							
12.4.3	Compost Manure							
12.4.4	Insecticide/fungicide							
12.4.5	Herbicide							
12.4.6	Improved Seeds							

**Source of finance (5)**  
 Sales of farm products .....1  
 Other Income generating activities.....2  
 Remittances .....3  
 Bank loan/credit .....4  
 Own produced .....5  
 Cooperative.....6  
 Other (specify) .....8  
 Not applicable .....9

**Quality of input (6)**  
 Excellent .....1  
 Good .....2  
 Average .....3  
 Poor .....4  
 Does not work .....5  
 Not applicable .....9

**Reason for not using (7)**  
 Not available .....1  
 Price too high .....2  
 No money to buy .....3  
 Too much labour required .....4  
 Do not know how to use .....5  
 Input is of no use .....6  
 Locally produced by hh.....7  
 Other (specify) .....8  
 Not applicable .....9

**Source of input (Col 3)**  
 Government .....01  
 Local farmers group .....02  
 Local market/Trade Store.....03  
 Secondary Market .....04  
 Development project .....05  
 Crop buyers .....06  
 Large scale farm .....07  
 Locally produced by household.....08  
 Neighbour .....09  
 Cooperative .....10  
 Other (specify) .....98

**Distance to source (Col 4)**  
 Less than 1 Km .....1  
 From 1 km to less than 3 km.....2  
 From 3 km to less than 10 km.....3  
 From 10 km to less than 20 km.....4  
 20km & above .....5  
 Within the household.....6  
 Not applicable .....9

**Source of water for irrigation (Col 1)**  
 River .....1 Borehole .....5  
 Lake .....2 Canal .....6  
 Dam .....3 Tap Water .....7  
 Well .....4 Other (specify).....8

**Method of Irrigation (Col 2)**  
 Gravity .....1  
 Hand bucket .....2  
 Hand/ Legs pump.....3  
 Motor pump .....4  
 Drip.....5  
 Spinkler.....6  
 Other (Specify) .....8

12.5 Give details of farm inputs used during the 2019/20 agricultural year				
12.5.1 Does the household practice <b>irrigation?</b> (Yes=1, No=2) If the response is 'NO' go to section 12.6 <input type="checkbox"/>				
12.5.2	Main source of water for irrigation	Main method of Irrigation	Potential Irrigatable Area (acres)	Area of irrigated Land agricultural year 2019/20 (acres)
	(1)	(2)	(3)	(4)

<b>12.6</b>	<b>SOIL EROSION</b>										
12.6.1	Did your household experience any soil erosion problem on the farming land during the 2019/20 agricultural year ? (Yes=1, No=2) <input type="checkbox"/>										
12.6.2	Did your household practise any soil erosion control on the farm(s) during the 2019/20 agricultural year? (Yes=1, No=2) <input type="checkbox"/> <i>If the response is 'NO' go to section 13.0</i>										
S/N	Type of erosion control	Used Yes =1 No = 2 > NEXT TYPE	Number of structures	Year of construction			Type of erosion control	Used Yes=1 No=2 > NEXT TYPE	Number of Structures	Year of Construction	
	(1)	(2)	(3)	(4)			(1)	(2)	(3)	(4)	
12.6.3	Terraces	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			12.6.7	Tree belts	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12.6.4	Erosion control bunds	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			12.6.8	Water harvesting bunds	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12.6.5	Gabions/Sandbags	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			12.6.9	Drainage ditches	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12.6.6	Cover plants (e.g. Vetiver Grass)	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			12.6.10	Other (Specify)	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>13.0</b>	<b>ACCESS AND USE OF CREDIT FOR AGRICULTURAL PURPOSES</b>										
13.1	During the year 2019/20 did any of the household members <b>borrow money</b> for <b>agriculture activities</b> ? (Yes = 1, No = 2) <input type="checkbox"/> <i>(if the response is 'NO' go to question 13.3)</i>										
13.2	Give details of the <b>credit</b> obtained during the <b>2019/20 agricultural year</b> ? <i>(if the credit was provided in kind, for example by the provision of inputs, then estimate the value in 13.2.11)</i>										
		<b>Credit "a"</b>			<b>Credit "b"</b>			<b>Credit "c"</b>			
	use codes to indicate source	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
	Provided to, Male = 1, Female = 2	Write Yes =1 or No =2 to indicate the use of the credit			Write Yes =1 or No =2 to indicate the use of the credit			Write Yes =1 or No =2 to indicate the use of the credit			
13.2.1	Labour	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.2	Seeds	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.3	Fertilisers	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.4	Agrochemicals	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.5	Tools/equipment	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.6	Irrigation structures	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.7	Fish farming	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.8	Beekeeping	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.9	Livestock	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.10	Other	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>			
13.2.11	Value of Credit (TZS)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
13.2.12	Total value of repayment ((TZS)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
13.2.13	Period of repayment (months)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>			
<b>Source of credit (13.2)</b> Family, friend or relative.....1 Bank.....2 Cooperative .....3 Savings & Credit Societies .....4 Trader/trade store .....5 Private individual .....6 NGO/Project .....7 Other (Specify).....8											
13.3	If the answer to question 13.1 above is 'NO' what is the main reason for not borrowing credit? <input type="checkbox"/>										
<b>Reason for not borrowing(13.3)</b> Not needed .....1 Not available .....2 Did not want to go into debt.....3 Interest rate/cost too high.....4 Did not know how to get credit.....5 Bureaucratic procedure .....6 Credit granted too late.....7 Dont know about credit .....8 Other (specify) .....98											

<b>14.0</b>	<b>CROP EXTENSION SERVICES</b>										
14.1	Did your household receive any extension advice for crop production during 2019/20 agricultural year ? Yes = 1, No = 2 > Section 15 <input type="checkbox"/>										
S/N	Extension Advice	Received Advice? Yes = 1 No = 2 > next extension message	Source of Extension Advice	How was the advice for .....received?	Message Practiced? (Yes=1, No=2)	S/N	Extension Advice	Received Advice Yes=1 , No=2 > next extension message	Source of crop extension	How was the advice received?	Message Practiced? (Yes=1, No=2)
	(1)	(2)	(3)	(4)	(5)		(1)	(2)	(3)	(4)	(5)
14.1.1	Spacing					14.1.8	Mechanisation				
14.1.2	Use of agrochemicals					14.1.9	Irrigation Technology				
14.1.3	Erosion control					14.1.10	Crop Storage				
14.1.4	Organic fertiliser use					14.1.11	Vermin control				
14.1.5	Inorganic fertiliser use					14.1.12	System of Rice Intensification (SRI)				
14.1.6	Use of improved seed					14.1.13	Intergrated Pests Management (IPM)				
14.1.7	Market information					<div style="border: 1px solid black; padding: 5px;"> <b>Means of receiving extension advice (Col 4)</b>            Mobile phone .....1            Email .....2            Face to face with extension officer.....3            TV .....4            Radio .....5            Other (Specify) .....8         </div>					
<div style="border: 1px solid black; padding: 5px;"> <b>Source of extension (Col 3)</b>            Government .....1    NGO/Dev project .....2    Cooperative .....3    Large scale farmer .....4    Registered private Agro dealers.....5.    Lead farmer.....6    Other (Specify) ...8         </div>											
14.2	Did the household or any member of the household participate in Out Grower agreements during 2019/20 agricultural year ? (Yes=1, No=2) <input type="checkbox"/>										
14.3	Did the household or any member of the household participate in contract production agreements during 2019/20 agricultural year? (Yes=1, No=2) <input type="checkbox"/>										

LIVESTOCK PRODUCTION AND PRODUCTS																	
<b>15.0 CATTLE</b>																	
15.1 Did the household own, raise or manage any CATTLE during 2019/20 agricultural year? (Yes =1 No =2) (If no go to section 16.0) <input type="checkbox"/>																	
15.2 Cattle Population as of 1st August 2020																	
15.3 Cattle Intake during 2019/20 agricultural year																	
S/N	Cattle Category	Number of Indigenous	Number of Improved		Total	S/N	Number Purchased	Number given /obtained	Number Born	Total Intake of Cattle (CHECK IF C6 = 0 >NEXT ITEM)	Average price per head						
	(1)	(2)	Beef (3)	Dairy (4)	(5)		(6)	(7)	(8)	(9)	(10)						
15.2.1	Castrated Bulls (Oxen)					15.3.1											
15.2.2	Uncastrated Bulls					15.3.2											
15.2.3	Cows					15.3.3											
15.2.4	Steers					15.3.4											
15.2.5	Heifers					15.3.5											
15.2.6	Male Calves					15.3.6											
15.2.7	Female Calves					15.3.7											
15.2.8	<b>Grand Total</b>					15.3.8	<b>Total Intake</b>										
<b>15.4 Cattle Offtake during 2019/20 agricultural year</b>										<b>15.5 Cattle Diseases</b>							
S/N	Cattle Category	Number Sold/traded	Number consumed by households	Number given away	Number stolen	Number died	Total Cattle Offtake (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head	S/N	Disease/parasite	Did Cattle got [...] disease in 2019/20? (Yes = 1 No = 2) If No > Col 7	Number Infected	Number treated	Number Recovered	Number Died	Last vaccinated	Main Source of Vaccine
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
15.4.1	Castrated Bulls (Oxen)								15.5.1	Tick Borne diseases							
15.4.2	Uncastrated Bulls								15.5.2	CBPP							
15.4.3	Cows								15.5.3	Trypanosomiasis							
15.4.4	Steers								15.5.4	Lumpy Skin Disease							
15.4.5	Heifers								15.5.5	Helminthiosis							
15.4.6	Male Calves								15.5.6	Foot Mouth Disease (FMD)							
15.4.7	Female Calves								15.5.7	Brucellosis							
15.4.8	<b>Total Offtake</b>								15.5.8	Black Quarter							
									15.5.9	Anthrax							
<b>15.6 Cattle Identification</b>										<b>Last Vaccinated (Col 7)</b>							
15.6.1 Which method do you use to identify your cattle? <input type="checkbox"/>										2020 .....1 2019 .....2    2018 .....3    2017 .....4    Not Vaccinated... 8 2016 .....5    2015 .....6    before 2015 .....7							
<b>Methods for Cattle Identification</b> Branding .....1    Cattle clan .....2    Ear notching .....3 Colour .....4    Ear tags .....5    Others (specify) .....8										<b>Main Source of vaccine (Col 8)</b>							
15.7 <b>Cow Milk Production</b>										Private Veterinary Facilities .....1    District Vet Office .....2 NGO/Project .....3    Tanzania Vet Laboratory Services Centres .....4 Other (Specify) .....8    Not applicable .....9							
15.7.1 Did the household produce any milk during 2019/20 agricultural year? (Yes =1 No =2) <input type="checkbox"/>										<b>Where sold (Col 9)</b>							
S/N	Season	Cattle type	Number of milked cows	Average milk production per cow per day (litres)	Average number of days cows were milked	Milk consumed by the Hh (Litres)	Amount of milk sold (Litres) (If amount sold is 0, > another cattle type)	Average price per litre per season	Where Sold	Neighbour .....1 Local market/Trade store .....2 Private Milk Collection Centres .....3 Farmers Cooperative Milk Collection Centres .....4 Farmers organisation Milk Collection Centres .....5 Largescale farm .....6 Trader at farm .....7 Other (specify) .....98							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)								
15.7.2	Wet Season	Improved Dairy															
15.7.3	Indigenous Cattle																
15.7.4	Dry Season	Improved Dairy															
15.7.5	Indigenous Cattle																

16.0	<b>GOAT</b>										
16.1	Did the household own, raise or manage any GOATS during the 2019/20 agricultural year? (If no go to section 17.0) <input type="checkbox"/>										
16.2	<b>Goat Population</b> as of 1st August 2020					16.3 <b>Goat Intake during 2019/20 agricultural year</b>					
S/N	Goat type	Number of Indigenous	Number of Improved for		Total	S/N	Number Purchased	Number given/obtained	Number Born	Total Intake of Goats (CHECK IF C6 = 0 >NEXT ITEM)	Average price per head
	(1)	(2)	Meat	Dairy	(5)		(6)	(7)	(8)	(9)	(10)
16.2.1	Billy Goat					16.3.1					
16.2.2	Castrated Goat					16.3.2					
16.2.3	She Goat					16.3.3					
16.2.4	Male Kid					16.3.4					
16.2.5	She Kid					16.3.5					
16.2.6	<b>Grand Total</b>					16.3.6	<b>Total Intake</b>				

16.4	<b>Goat Offtake during 2019/20 agricultural year</b>								16.5	<b>Goat Diseases during 2019/20 agricultural year</b>							
S/N	Goat type	Number Sold/traded	Number consumed by households	Number given away	Number Stolen	Number died	Total Goat Offtake (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head	S/N	Disease/Parasite	Did Goat got [...] disease in 2019/20? (Yes = 1 No = 2) If No > Col 7	Number Infected	Number treated	Number recovered	Number died	Last Vaccinated	Main Source of Vaccine
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
16.4.1	Billy goat								16.5.1	Foot Rot							
16.4.2	Castrated Goat								16.5.2	CCPP							
16.4.3	She Goat								16.5.3	Helminthiosis							
16.4.4	Male Kid								16.5.4	Tetanus							
16.4.5	She Kid								16.5.5	Mange							
16.4.6	<b>Total Offtake</b>								16.5.6	Brucellosis							
									16.5.7	Black Quarter							
									16.5.8	FMD							

16.6	<b>Milk Production</b>							
16.6.1	Did the household produce any milk during 2019/20 agricultural year ? (Yes =1 No =2) If no go to section 17.1 <input type="checkbox"/>							
S/N	Season	Number of milked goats	Average milk production per goat per day	Average number of days goats were milked	Milk consumed by the Hh (Litres)	Amount of milk sold (Litres) (If amount sold is 0, > another season)	Average price per litre per season	Where sold
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
16.6.2	Wet Season							
16.6.3	Dry Season							

**Where sold (Col 8)**

Neighbour .....1

Local market/trade store .....2

Private Milk Collection Centres .....3

Farmers Cooperative Milk Collection Centres .....4

Farmers organisation Milk Collection Centres .....5

Largescale farm .....6

Trader at farm .....7

Other (specify) .....98

**Last Vaccinated (Col 7)**

2020 .....1

2019 .....2      2018 .....3      2017 .....4

2016 .....5      2015 .....6      before 2015 .....7

Not Vaccinated .....8

**Main Source of vaccine (Col 8)**

Private Veterinary Facilities .....1

District Vet Office .....2

NGO/Project .....3

Tanzania Vet Laboratory Services Centres .....4

Other (Specify) .....8

Not applicable .....9



<b>17.0</b>	<b>SHEEP</b>																
17.1	Did the household own, raise or manage any SHEEP during the 2019/20 agricultural year? (If no go to section 18.0) <input type="checkbox"/>																
<b>17.2</b>	<b>Sheep Population</b> as of 1st August 2020						<b>17.3</b> <b>Sheep Intake during 2019/20 agricultural year</b>										
S/N	Sheep type	Number of Indigenous	Number of Improved		Total	S/N	Number Purchased	Number given/obtained	Number Born	Total Intake of Sheep (CHECK IF C6 = 0 >NEXT ITEM)	Average price per head						
	(1)	(2)	for Mutton	Dairy		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)				
17.2.1	Ram					17.3.1											
17.2.2	Castrated Sheep					17.3.2											
17.2.3	Ewe (She Sheep)					17.3.3											
17.2.4	Male lamb					17.3.4											
17.2.5	She lamb					17.3.5											
17.2.6	<b>Grand Total</b>					17.3.6	<b>Total Intake</b>										
<b>17.4</b>	<b>Sheep Offtake during 2019/20 agricultural year</b>								<b>17.5</b> <b>Sheep diseases</b>								
S/N	Sheep Type	Number Sold/traded	Number consumed by household	Number given away	Number stolen	Number died	Total Sheep Offtake (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head	S/N	Disease/Parasite	Did Sheep got [....] disease in 2019/20? If No > Col 7	Number Infected	Number treated	Number recovered	Number died	Last Vaccinated	Main Source of Vaccine
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17.4.1	Ram								17.5.1	Foot Rot							
17.4.2	Castrated Sheep								17.5.2	CCPP							
17.4.3	She Sheep								17.5.3	Helminthiasis							
17.4.4	Male lamb								17.5.4	Trypanosomiasis							
17.4.5	She lamb								17.5.5	FMD							
17.4.6	<b>Total Offtake</b>								17.5.6	Brucellosis							
<b>Last Vaccinated (Col 7)</b> 2020.....1 2019 .....2      2018 .....3      2017 .....4 2016 .....5      2015.....6      before 2015 .....7      Not Vaccinated...8									17.5.7	Black Quarter							
<b>Main Source of vaccine (Col 8)</b> Private Veterinary Facilities.....1      District Vet Office.....2      NGO/Project.....3      Tanzania Vet Laboratory Agency centre.....4 Other .....8      Not applicable .....9									17.5.8	Anthrax							

<b>18.0</b>	<b>PIG</b>									
18.1	Did the household own, raise or manage any PIGS during the 2019/20 agricultural year ? <input type="checkbox"/> (If no go to section 19.0)									
<b>18.2</b>	<b>Pig Population as of 1 st August 2020</b>			<b>18.3 Pig Intake during 2019/20 agricultural year</b>						
S/N	Pig Type	Number		S/N	Number Purchased	Number given /obtained	Number Born	Total Pig Intake (CHECK IF C3 = 0 >NEXT ITEM)	Average Price per head	
	(1)	(2)			(3)	(4)	(5)	(6)	(7)	
18.2.1	Boar			18.3.1						
18.2.2	Castrated male			18.3.2						
18.2.3	Sow			18.3.3						
18.2.4	Gilt			18.3.4						
18.2.5	Male piglet			18.3.5						
18.2.6	She piglet			18.3.6						
18.2.7	<b>Grand Total</b>			18.3.7	<b>Grand Total</b>					
<b>18.4</b>	<b>Pig Offtake during 2019/20 agricultural year</b>									
S/N	Pig Type	Number Sold/traded	Number consumed by households	Number given away	Number stolen	Number Died	Total Pig Offtake (CHECK IF C2 = 0 >NEXT ITEM)	Average price per head		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
18.4.1	Boar									
18.4.2	Castrated male									
18.4.3	Sow									
18.4.4	Gilt									
18.4.5	Male piglet									
18.4.6	She piglet									
18.4.7	<b>Total Offtake</b>									
<b>18.5</b>	<b>Pig Diseases/Pests/Conditions</b>								<b>Last Vaccinated (Col 7)</b> 2020.....1 2019 .....2 2018 .....3 2017 .....4 2016 .....5 2015.....6 before 2015 .....7 Not Vaccinated...8	
S/N	Disease/Pest	Did pig got [...] disease in 2019/20? If No > Col 7	Number Infected	Number treated	Number recovered	Number died	Last Vaccinated	Main Source of Vaccine		
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		
18.5.1	Anthrax									
18.5.2	ASF									
18.5.3	Anemia									
18.5.4	Helmenthiosis									
18.5.5	Brucellosis									
18.5.6	Mange									
18.5.7	FMD									
									<b>Main Source (Col 8)</b> Private Veterinary Facilities.....1 District Vet office .....2 NGO/Project .....3 Tanzania Vet Laboratory Agency centre.....4 Other .....6 Not applicable .....9	

<b>19.0</b>	<b>POULTRY</b>					
19.1	Did the household own, raise or manage any Poultry during the 2019/20 agricultural year (Yes =1 No = 2) <input type="checkbox"/>					
<b>19.2</b>	<b>Give details of Poultry as of 1st August 2020 available and consumption and sales during the 2019/20 agricultural year</b>					
	<b>Poultry Type</b>	<b>Number of poultry as of 1st August 2020 (Number)</b>	<b>Sold during 2019/20</b>		<b>Consumed during 2019/20</b>	
			<b>Number</b>	<b>Average Price/head</b>	<b>Number</b>	<b>Average price/head</b>
	(1)	(2)	(3)	(4)	(5)	(6)
19.2.1	Indigenous Chicken					
19.2.2	Layers					
19.2.3	Broilers					
19.2.4	Ducks					
19.2.5	Turkeys					
19.2.6	Guinea fowls					

<b>19.3</b>	<b>POULTRY DISEASES</b>	Did poultry got [...] disease in 2019/20? (Yes = 1 No = 2) If 2 -> Col 3 then Next Disease	<b>Number Vaccinated</b>	<b>Number Infected</b>	<b>Number Treated</b>	<b>Number Died</b>	<b>Number recovered</b>
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
19.3.1	Newcastle Disease						
19.3.2	Gumboro						
19.3.3	Coccidiosis						
19.3.4	Coryza						
19.3.5	Fowl pox						
19.3.6	Fowl typhoid						

<b>20.0</b>	<b>OTHER LIVESTOCK</b>				
20.1	Did the household own, raise or manage any OTHER LIVESTOCK during the 2019/20 agricultural year <input type="checkbox"/>				
<b>20.2</b>	<b>Give details of other livestock available as of 1st October 2019 and details of consumption and sales during the 2019/20 agricultural year</b>				
	<b>Animal Type</b>	<b>as of 1st August 2020 (Number)</b>	<b>Sold during 2019/20</b>		<b>Consumed during 2019/20</b>
			<b>Number</b>	<b>Average Price/head</b>	<b>Number</b>
	(1)	(2)	(3)	(4)	(5)
20.2.1	Rabbits				
20.2.2	Donkeys				
20.2.3	Horses				
20.2.4	Dogs				
20.2.5	Guinea Pigs				
20.2.6	Other (specify)				

<b>20.3</b>	<b>LIVESTOCK PRODUCTS</b>				
<b>S/N</b>	<b>Product</b>	<b>Production of livestock product during 2019/20 agricultural year (Number/Pieces)</b>	<b>Sold during 2019/20</b>		<b>Consumed/Utilised during 2019/20</b>
			<b>Number</b>	<b>Average price/unit</b>	<b>Number</b>
	(1)	(2)	(3)	(4)	(5)
20.3.1	Eggs (Indigenous )				
20.3.2	Eggs (Improved chicken)				
20.3.3	Hides				
20.3.4	Goat Skins				
20.3.5	Sheep Skins				

21.0 OUTLET FOR SALE OF LIVESTOCK						
Please, rank in order of importance the outlets for sale of Livestock						
S/N	Importance of Outlet	Outlets for Cattle	Outlets for Goat	Outlets for Sheep	Outlets for pigs	Outlets for Chickens
	(1)	(2)	(3)	(4)	(5)	(6)
21.1	1st					
21.2	2nd					
21.3	3rd					
21.4	4th					
21.5	5th					
<p><b>Outlet code (Col 2, 3, 4, 5 &amp; 6)</b></p> <p>Trader at farm.....1      Abattoir/factory.....5</p> <p>Primary Market.....2      Another farmer.....6</p> <p>Secondary market/auCTION.....3      Ranch.....7</p> <p>Neighbour.....4      Border Market.....8</p> <p>Other (Specify).....98      Not applicable.....99</p>						
<p><b>Source of structure (Q 22 - Col 3)</b></p> <p>Self owned.....1      NGO.....6</p> <p>Cooperative.....2      Large scale farm.....7</p> <p>Local farmers association.....3      Other (Specify).....8</p> <p>Gov extension/veterinary.....4      Not applicable.....9</p> <p>Development project.....5</p>						

22.0 LIVESTOCK STRUCTURES/ ACCESSORIES				
Access to functional Livestock structures/accessory				
S/N	Type of Structure/accessory	Do you have access to [...] ? Yes = 1, No = 2, I Don't know = 3 If no, go to next structure/accessory	Source of Structure	Distance to structure from the household (km)
	(1)	(2)	(3)	(4)
22.1	Cattle Dip			
22.2	Spray Race			
22.3	Hand powered sprayer			
22.4	Cattle crush			
22.5	Primary Market			
22.6	Secondary Market			
22.7	Abattoir			
22.8	Slaughter house			
22.9	Slaughter Slab			
22.10	Hide/skin shed			
22.11	Input supply shop			
22.12	Veterinary Clinic			
22.13	Village holding ground			
22.14	Chacol dam			
22.15	Drencher			

<b>21.0 OUTLET FOR SALE OF LIVESTOCK</b>						
Please, rank in order of importance the outlets for sale of Livestock						
S/N	Importance of Outlet	Outlets for Cattle	Outlets for Goat	Outlets for Sheep	Outlets for pigs	Outlets for Chickens
	(1)	(2)	(3)	(4)	(5)	(6)
21.1	1st					
21.2	2nd					
21.3	3rd					
21.4	4th					
21.5	5th					
<b>Outlet code (Col 2, 3, 4, 5 &amp; 6)</b> Trader at farm .....1 Abattoir/factory.....5 Primary Market .....2 Another farmer .....6 Secondary market/bucon.....3 Ranch.....7 Neighbour .....4 Border Market .....8 Other (Specify).....98 Not applicable .....99						
<b>Source of structure (Q22 - Col 3)</b> Self owned .....1 NGO .....6 Cooperative .....2 Large scale farm .....7 Local farmers association .....3 Other (Specify) .....8 Gov extension/veterinary .....4 Not applicable .....9 Development project .....5						

<b>22.0 LIVESTOCK STRUCTURES/ ACCESSORIES</b>			
Access to functional Livestock structures/accessory			
S/N	Type of Structure/accessory	Do you have access to [...] ? Yes = 1, No = 2, I Don't know = 3 If no, go to next structure/accessory	Source of Structure
	(1)	(2)	(3)
22.1	Cattle Dip		
22.2	Spray Race		
22.3	Hand powered sprayer		
22.4	Cattle crush		
22.5	Primary Market		
22.6	Secondary Market		
22.7	Abattoir		
22.8	Slaughter house		
22.9	Slaughter Slab		
22.10	Hide/skin shed		
22.11	Input supply shop		
22.12	Veterinary Clinic		
22.13	Village holding ground		
22.14	Chacol dam		
22.15	Drencher		

<b>23.0 LIVESTOCK PEST &amp; PARASITE CONTROL</b>			
23.1	Did this household participate in any livestock pest and parasite control during 2019/20 agricultural year? (Yes=1, No=2) If No go to section 24		
23.2	Did you deworm your animals during 2019/20 agricultural year ? (Yes=1, No=2) (If the response is 'NO' go to question 23.4)		
23.3	Which animals did you <b>deworm</b> ? (Dewormed =1, NOT dewormed = 2 Not Applicable.....9)		
23.3.1	Cattle <input type="checkbox"/>	23.3.2 Goat <input type="checkbox"/>	23.3.3 Sheep <input type="checkbox"/> 23.3.4 Pigs <input type="checkbox"/> 23.3.5 Chicken <input type="checkbox"/>
23.4	Do your livestock normally encounter a <b>tick</b> problem? (Yes=1, No=2), if "NO" go 23.6		
23.5	Which method of tick control did you use ? <b>Control method (Q 23.5)</b> Dipping.....1 Spraying.....2 Smearing.....3 None.....4 Other (Specify).....8		
23.6	Do your livestock normally encounter a <b>tsetse fly</b> problem? (Yes =1, No = 2) (If the response is 'NO' go to question 23.8)		
23.7	Which method of control did you mostly use? <b>Control method (Q 23.7)</b> Dipping.....1 Spraying.....2 Trapping.....3 None.....4 Other (Specify).....8		
23.8	Did you encounter a New Castle Disease problem on your chicken during 2019/20 agricultural year ? (Yes = 1, No = 2) (If the answer is 'NO' go to question 23.10)		
23.9	Which method of control did you mostly use? <b>Methods of control (Question 23.9)</b> Vaccination .....1 Local Herbs.....2 None.....3 Others (Specify).....8		
23.10	Did you encounter a Fowl Typhoid for your chicken? Yes=1, No=2 (If the answer is 'NO' go to question 23.12)		
23.11	Which method of treatment did you mostly use? <b>Methods of control (Question 23.11)</b> Conventional treatment.....1 Local Herbs.....2 None.....3 Others (Specify).....8		
23.12	Did your livestock get vaccination against [.....] diseases?		
Code Yes =1, No = 2 or Not applicable (9) for each disease listed			
23.12.1	Foot and Mouth Disease	23.12.2	Lumpyskin
23.12.4	Black Quarter	23.12.5	Anthrax
		23.12.3	Rabies
		23.12.6	CBPP

<b>24.0 LIVESTOCK EXTENSION SERVICES</b>					
24.1 Did you receive any livestock extension advice during 2019/20 agricultural year ? (Yes=1, No=2) if No GO to section 26 <input type="checkbox"/>					
S/N.	Livestock Extension Message	Received Advice Yes=1, No=2 -> Next Extension Service	Source of Livestock Extension	How was the advice received?	Advice Practiced (Yes = 1, No= 2)
	(1)	(2)	(3)	(4)	(5)
24.1.1	Feeds and Proper feeding				
24.1.2	Housing (Goat, Dairy, Poultry, Pigs)				
24.1.3	Proper Milking and Milk Hygiene				
24.1.4	Livestock fattening				
24.1.5	Disease control (dipping/spraying/vaccination)				
24.1.6	Herd/Flock size and selection				
24.1.7	Livestock keeping based on carrying capacity				
24.1.8	Pasture Establishment				
24.1.9	Group formation and strengthening				
24.1.10	Calf rearing				
24.1.11	Use of improved Bulls/ Artificial insemination (AI)				
24.1.12	Livestock branding				
24.1.13	Castration				
24.1.14	Others (specify)				
<b>Source of livestock extension (Col 3)</b> Government .....1 NGO/Development project .....2 Cooperative .....3 Large scale livestock farmer .....4 Registered private vets and paravets .....5 Other (Specify) .....6		<b>Means of receiving extension advice (Col 4)</b> Mobile phone .....1 Email .....2 Face to face with extension officer .....3 TV .....4 Radio .....5 Other (Specify) .....8			

<b>25.0 For the following Livestock Extension Service Providers give details</b>							
S/N	Extension Provider	Did you receive Extension Service from [.....]? Yes.....1, No.....2 (If the answer is 2-> Other service provider)	If you pay for the service obtained from [.....], what is the costs per year?	Are you a contact farmer/group member from [.....] Yes.....1 No.....2	Number of visits by [.....] extension providers during 2019/20 agricultural year	Number of messages adopted in the last 3 years (IF "0" GO NEXT EXTENSION PROVIDER)	Quality of Service
	(1)	(2a)	(2b)	(3)	(4)	(5)	(6)
25.1	Government						
25.2	NGO/Development project						
25.3	Registered private vets and paravets						
25.4	Cooperative						
25.5	Large Scale livestock farmer						
25.6	Other (Specify)						
<b>Quality of services (Col 6)</b> Very good .....1 Good .....2 Average .....3 Poor .....4 Very poor .....5							

<b>26.0 GOVERNMENT POLICY, LEGAL AND REGULATORY CHALLENGES</b>		
26.1 Did you face challenges with government regulations during 2019/20 agricultural year ? <input type="checkbox"/> Yes = 1, No = 2 (If No, go to section 27.0)		
	List in order of importance	<b>Challenges code</b> Land ownership by government .....1 Restrictions of Livestock movement between administrative boundaries .....2 Import of food/feed items .....3 Export/Import ban on Livestock/livestock products .....4 Livestock levy .....5 Other (Specify) .....6
	Challenge code	
26.1.1	1st	
26.1.2	2nd	
26.1.3	3rd	

<b>27.0</b>	<b>FIH FARMING</b>																
<b>27.1</b>	Was fish farming carried out by this household during 2019/20? (Yes = 1, No = 2) <input type="checkbox"/> (If the response is 'NO' go to section 28)																
Specify details of fish farming practices																	
S/N	Production unit Number	Aquaculture system	Size of unit/pond (m2/m3)	Type of Water	Source of Water	Main Source of fingerlings	Frequency of stocking (Number/ Year)	Number of Stocked Fish				Fish Sales			Fish Feeds		
								Type of stocked Fish	Number of Stocked fish	Number of fish harvested. If not harvested, write 00->Col. 15	Weight of fish harvested	Weight of fish sold If not sold, write 00->Col. 15	Average price of fish sold per Kg	Mainly sold to	Source of Fish Feeds	Amount used in Kg	Average price of feeds per Kg
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
27.1.1	<input type="text" value="1"/>																
27.1.2	<input type="text" value="2"/>																
27.1.3	<input type="text" value="3"/>																
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <b>Aquaculture system (Col 2)</b>            Deep Water Cage.....1            Shallow water cage.....2            Natural pond.....3            Dug out Pound.....4            Water Reservoir.....5            Tank.....6            Other Specify.....8         </div> <div style="width: 20%;"> <b>Source of water (Col 5)</b>            Rain fed.....1            Ground water.....2            Rivers.....3            Lakes.....4            Dam.....5            Tap water.....6            Other.....8         </div> <div style="width: 20%;"> <b>Types of water (Col 4)</b>            Fresh Water.....1            Marine water.....2            Blackish Water.....3         </div> <div style="width: 20%;"> <b>Main source of fingerlings (Col 6)</b>            Own fish hatchery.....1            Neighbour fish hatchery.....2            Government institution hatchery.....3            Private trader fish hatchery.....4            Natural pond.....5            NGO/Project.....6            Other.....8         </div> <div style="width: 20%;"> <b>Type of Fish stocked (Col 8)</b>            Tilapia.....1            Milkfish.....2            African Cat fish.....3            Prawns.....4            Other (Specify).....8         </div> <div style="width: 20%;"> <b>Mainly sold to (Col 14)</b>            Neighbour.....1            Landing site.....2            Fish market.....3            Processing industry.....4            Large scale farmer.....5            Trade at farm.....6            Other.....8         </div> <div style="width: 20%;"> <b>Source of Fish feeds (Col 15)</b>            Home made feeds.....1            Locally compounded feeds.....2            Imported manufactured feeds.....3            Other (Specify).....8         </div> </div>																	
<b>28.0</b>	<b>BEEKEEPING</b>																
<b>28.1</b>	Did your household practised beekeeping during 2019/20 agricultural year ? (Yes= 1, No=2) <input type="checkbox"/>																
If answer is <b>No</b> go to section 29																	
Give details on honey harvesting during 2019/20 agricultural year																	
No.	Type of bees	Number of Local Beehives	Number of improved Beehives	Harvesting done? (Yes= 1, No =2>next)	Amount Produced per year (Litre)	Amount of honey Sold (Litre)	Average Price per Litre	Honey Market									
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)									
28.1.1	Small bees (Stingless Bees)																
28.1.2	Large bees																
<b>Honey Market (Col 8)</b> Neighbour .....1 Auction .....2 Large Scale Farmers .....3 Open market .....4 Honey Processing Industry .....5 Private business people .....6 Did not sale .....7 Others.....8																	

29.0 LABOUR USE				30.0 SUBSISTENCE vs NON-SUBSISTENCE					
29.1 Who is/are <b>mainly responsible</b> for undertaking the following tasks: (Household members aged 5 years old and above)				30.1 Indicate if any member of the household was involved in the following activities and assess the percentage used for subsistence/consumption by the household:					
S/N	Activity	Is your household involved in [...]? Yes = 1 No = 2 > NEXT ACTIVITY	Main responsible person(s)	S/N	Activity	Is your household involved in [...]? Yes = 1 No = 2 > NEXT ACTIVITY	Estimate % used for subsistence	Estimate % used for non subsistence	Check Total
	(1)	(2)	(3)		(1)	(2)	(3)	(4)	(5)
29.1.1	Land Clearing			30.1.1	Crop production				100
29.1.2	Land tilling (by hand)			30.1.2	Livestock production				100
29.1.3	Land tilling (oxen/tractor)			30.1.3	Vegetable production				100
29.1.4	Planting			30.1.4	Tree cutting for firewood				100
29.1.5	Weeding			30.1.5	Tree logging for poles				100
29.1.6	Crop Protection			30.1.6	Tree logging for timber				100
29.1.7	Harvesting			30.1.7	Tree logging for charcoal				100
29.1.8	Crop processing			30.1.8	Fishing				100
29.1.9	Crop marketing			30.1.9	Beekeeping				100
29.1.10	Cattle rearing/husbandry			30.1.10	Permanent employment/off farm income				100
29.1.11	Cattle herding			30.1.11	Temporary employment/off farm income				100
29.1.12	Cattle marketing			30.1.12	Remittances				100
29.1.13	Goat/sheep rearing/husbandry								
29.1.14	Goat and sheep herding								
29.1.15	Goat and sheep marketing								
29.1.16	Milking								
29.1.17	Pig rearing/husbandry								
29.1.18	Poultry keeping								
29.1.19	Collecting Water								
29.1.20	Collecting Firewood								
29.1.21	Pole cutting								
29.1.22	Timber wood cutting								
29.1.23	Building/maintaining houses								
29.1.24	Making local Beer								
29.1.25	Beekeeping								
29.1.26	Fishing								
29.1.27	Fish farming								
29.1.28	Off-farm income generation								
<b>Responsible person section 29.1 (Col 3)</b> HH head alone .....1   Girls .....6 Adult Males .....2   Boys & Girls .....7 Adult Females .....3   All household members .....8 Adults .....4   Hired labour .....9 boys .....5				<b>31.0 ACCESS TO INFRASTRUCTURE &amp; OTHER SERVICES</b> 31.1 Give details of the access of the following services					
				S/N	Type of Nearest service	Distance in km (IF THE SERVICE IS NOT AVAILABLE, CODE 999, DON'T KNOW CODE 998)	S/N	Type of service	Distance in km
					(1)	(2)		(1)	(2)
				31.1.1	Primary School		31.1.8	Feeder Road	
				31.1.2	Secondary School		31.1.9	All weather road	
				31.1.3	Dispensary		31.1.10	Tarmac road	
				31.1.4	Health Centre		31.1.11	Primary market	
				31.1.5	Hospital		31.1.12	Secondary market	
				31.1.6	District Capital		31.1.13	Tertiary market	
				31.1.7	Regional Capital		31.1.14	Vet Clinic	
				↓					
				S/N	Type of Nearest service	Distance in km (IF THE SERVICE IS NOT AVAILABLE, CODE 999, DON'T KNOW CODE 998)	Number of visits/year	Level of satisfaction with service received	
					(1)	(2)	(3)	(4)	
				31.1.15	Extension Centre				
				31.1.16	Research Station				
				31.1.17	Plant protection lab				
				31.1.18	Land registration office				
				31.1.19	Livestock Development Centre				
				31.1.20	Livestock Dipping facility				
<b>Satisfied with service section 31 (Col 4)</b> Very good .....1   Average .....3   No good .....5 Good .....2   Poor .....4   Not applicable 9									



<b>32.0</b>	<b>AGRICULTURAL CONSTRAINTS</b>	
32.1	From the list of constraints, select:	
	<b>Order of Most Importance</b>	<b>Constraint</b>
	(1)	(2)
32.1.1	1st most constraint	
32.1.2	2nd most constraint	
32.1.3	3rd most constraint	
32.1.4	4th most constraint	
32.1.5	5th most constraint	

<b>33.0</b>	<b>MARKET INFORMATION</b>	
33.1	Sources through which you obtain market information	
	<b>Source</b>	<b>Yes = 1 No = 2</b>
33.1.1	Tv	
33.1.2	Radio	
33.1.3	News papers	
33.1.4	Mobile phones	
33.1.5	Local authorities	
33.1.6	Farmers organization	
33.1.7	Internet	
33.1.8	Fellow farmers	
33.1.9	Other (specify)	

<b>List of Constraints</b>	
Access to Land.....	1
Land Ownership.....	2
Soil Fertility.....	3
Availability of Quality Seeds.....	4
Irrigation Equipment.....	5
Availability of Agro-chemicals.....	6
Availability of Veterinary Drugs.....	7
Cost of Inputs.....	8
Extension Services.....	9
Availability of Forest Products.....	10
Access to Credit.....	11
Harvesting.....	12
Threshing/Dehulling.....	13
Crop Storage.....	14
Agro-processing.....	15
Access to Markets and Marketing Information.....	16
Transportation Cost.....	17
Destruction by Wild Animals/Birds.....	18
Crop Theft.....	19
Livestock Theft.....	20
Pests and Diseases.....	21
Cess.....	22
Off-farm Income.....	23
Conflict Between Farmers and Livestock Keepers.....	24
Climate Changes (Drought, Floods, etc.).....	25
Availability of Inputs.....	26
Availability of Industrial Agro-chemical.....	27
Access to Water for Agricultural Activities.....	28
Low Prices of Agricultural Products.....	29
Cost of Land Ownership.....	30
Governmental Policies, Laws, Regulation and Guidelines.....	31
Availability of Quality Pasture and Animal Feeds.....	32
Access to Water for Domestic Use.....	33
No Constraint.....	34
Lack of Capital/Money.....	35
Lack/ Poor Infrastructure.....	36
Other (specify).....	98

<b>34.0</b>	<b>POVERTY INDICATORS AT HOUSEHOLD LEVEL</b>				
<b>34.1</b>	<b>HOUSE CONSTRUCTION</b>				
34.1.1	For the main dwelling, what are the building materials for following parts				
34.1.1.1	Roof	34.1.1.2	Floor	34.1.1.3	Walls
34.1.2	Number of bed rooms <input type="text"/>				
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>Roof Material</b></p> <p>Iron Sheets.....1</p> <p>Tiles.....2</p> <p>Concrete.....3</p> <p>Asbestos.....4</p> <p>Grass/leaves.....5</p> <p>Grass &amp; mud.....6</p> <p>Other (Specify).....8</p> </div> <div style="width: 45%;"> <p><b>Wall Material</b></p> <p>Grass.....1</p> <p>Polis And Mud.....2</p> <p>Sun-Dried Bricks.....3</p> <p>Baked Bricks.....4</p> <p>Wood, Timber.....5</p> <p>Cement Blocks.....6</p> <p>Stones.....7</p> <p>Brick stones.....8</p> <p>Other (specify).....98</p> </div> </div> <div style="margin-top: 10px;"> <p><b>Floor Material</b></p> <p>Earth, Sand, Wood Planks, Bamboo, Palm.....2</p> <p>Parquet Or Polished Wood.....3</p> <p>Vinyl Or Asphalt Sheets.....4</p> <p>Ceramic Tiles, Terrazzo.....5</p> <p>Cement.....6</p> <p>Other (specify).....8</p> </div>				
<b>34.2</b>	<b>HOUSEHOLD ASSETS</b>				
34.2.1	Does your household own the following? (Operating assets)				
	<b>Asset</b>	<b>Yes=1, No=2</b>			
34.2.1.1	Radio/cassette, (music system)				
34.2.1.2	Telephone (landline)				
34.2.1.3	Telephone (mobile)				
34.2.1.4	Pressing Iron				
34.2.1.5	Wheelbarrow				
34.2.1.6	Bicycle				
34.2.1.7	Vehicle				
34.2.1.8	Television				
34.2.1.9	Refrigerator				
34.2.1.10	Motor Cycle				
34.2.1.11	Bajaji				
34.2.1.12	Personal computer/ laptop				
34.2.1.13	Kerosine lamps				
34.2.1.14	Solar panel				
34.2.1.15	Generator				
34.2.1.16	Electric/ gas stove				
34.2.1.17	Torch				
<b>34.3</b>	<b>ENERGY USE BY HOUSEHOLD</b>		<b>34.4 ACCESS TO DRINKING WATER</b>		
34.3.1	Energy use and access by the household		Season	Main source of drinking water	
			(1)	(2)	
34.3.1.1	Lighting <input type="text"/>	34.3.1.2	Cooking <input type="text"/>		
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>Lighting energy</b></p> <p>Electricity.....01</p> <p>Solar.....02</p> <p>Biogas.....03</p> <p>Hurricane Lamp.....04</p> <p>Pressure Lamp.....05</p> <p>Wick Lamp.....06</p> <p>Candles.....07</p> <p>Firewood.....08</p> <p>Torch/ Rechargeable Lamp.....09</p> <p>Generator/Private source.....10</p> <p>Other (specify).....98</p> </div> <div style="width: 45%;"> <p><b>Cooking energy</b></p> <p>Main electricity.....01</p> <p>Solar.....02</p> <p>Gas (hh biogas).....03</p> <p>Gas (Industrial).....04</p> <p>Paraffin/kerosene.....05</p> <p>Charcoal.....06</p> <p>Firewood.....07</p> <p>Crop Residues.....08</p> <p>Livestock dung.....09</p> <p>Natural Gas.....10</p> <p>Generator/Private source.....11</p> <p>Other (specify).....98</p> </div> </div>		34.4.1	Wet Season	
			34.4.2	Dry Season	
			<p><b>Main Source of drinking water (col 2)</b></p> <p>Piped water.....01</p> <p>Protected well.....02</p> <p>Protected/covered spring.....03</p> <p>Unprotected Well.....04</p> <p>Surface water (lake/dam/river/stream).....05</p> <p>Other (Specify).....98</p> <p>Covered rainwater catchment.....07</p> <p>Uncovered rainwater catchment.....08</p> <p>Water Vendor.....09</p> <p>Tanker truck.....10</p> <p>Bottled water.....11</p> <p>Borehole.....12</p>		

<b>34.5</b>	<b>ACCESS TO TOILET FACILITIES</b>	
34.5.1	What type of toilet does your household use? <input type="checkbox"/>	
	<b>Type of toilet</b> No toilet/ bush.....1 Pit latrine without slab/ Open pit.....2 Pit latrine with slab/ Not washable.....3 Pit latrine with slab/ washable.....4 Ventilated Improved Pit latrine (VIP).....5 Pour flush toilet.....6 Flush toilet with cistern.....7 Composting toilet/ECOSAN latrine.....8 Other (specify).....98	
<b>34.7</b>	<b>MAIN SOURCE OF HOUSEHOLD INCOME</b>	
34.7.1	What is the household main source of cash income?	
	<b>Main Source of Income codes</b> Sale of food crops .....01 Wages or salaries in cash .....07 Sale of Livestock .....02 Casual cash earnings .....08 Sale of livestock products .....03 Cash remittances .....09 Sale of cash crops .....04 Fishing .....10 Sale of forest products .....05 Fish farming .....11 Business income .....06 Other .....98	
<b>34.6</b>	<b>FOOD SECURITY AND CONSUMPTION IN THE HOUSEHOLD</b>	
	<b>Food consumption</b>	
34.6.1	Number of meals the household normally take per day	
34.6.2	Number of days household consumed meat in the last seven days	
34.6.3	Number of days household consumed Fish in the last seven days	
34.6.4	How often did the household have problems in satisfying the food needs of the household in the past 12 months?	
	Never .....1 Sometimes .....3 Always ..... 5 Seldom .....2 Often .....4	
	<b>Food Security (The reference period should be the last 12 months)</b>	Yes = 1 No = 2
34.6.5	Did you or any other member in your household were <b>worried</b> you could not get enough food to eat?	
34.6.6	Did you or any other member in your household were unable to eat <b>healthy</b> and <b>nutritious food</b> ?	
34.6.7	Did you or any other member in your household ate only a <b>few kinds of foods</b> ?	
34.6.8	Did you or any other member in your household had to <b>skip a meal</b> ?	
34.6.9	Did you or any other member in your household <b>ate less</b> than you thought you should?	
34.6.10	Did your household <b>ran out of food</b> ?	
34.6.11	Did you or any other member in your household were <b>hungry</b> but did not eat?	
34.6.12	Did you or any other member in your household went <b>without eating</b> for a whole day?"	

<b>35. Results of the Interview</b>
Complete Interview.....1    Respondent not available.....2    Incomplete Interview.....3 Refusal.....4    No right person to respond.....5    Other.....98
<b>Supervisor Name:</b> ..... <b>ID</b> ..... <b>Date</b> ..... / ..... / .....

## **APPENDIX IV: ORGANIZATION OF THE CENSUS**

### **PERSONS INVOLVED IN THE NATIONAL SAMPLE CENSUS OF AGRICULTURE 2019/20**

#### **PROJECT COORDINATOR**

Dr. Albina Chuwa  
Mayasa M. Mwinyi

#### **ASSISTANT PROJECT COORDINATORS**

Daniel Masolwa  
Abdul R. Abeid

#### **PROJECT MANAGERS**

Titus Mwisomba  
Nour Abdulwahid

#### **DESK OFFICERS**

Theresia Sagamilwa  
Mwalim Juma Mohamed

#### **TECHNICAL ADVISORS**

Dr. Elizaberth Ann Talbert  
Nicole Norris  
David Luckenbach  
Jonathan Kastelic

#### **TECHNICAL COMMITTEE CHAIRPERSON**

Genya Charles Genya

#### **TECHNICAL COMMITTEE MEMBERS**

Ambilikile Mwakyelu  
Basil Msuha  
Da Silver Mlau  
Devotha Mdeti  
Festo Mwemutsi  
Genya Charles Genya  
Jillahoma Mussa  
Juma Nyabenda  
Ludovick Materu  
Masoud Hassan Ali  
Moreen Guveti  
Mwalim Juma  
Mzee Mohamed  
Nico Ombeni  
Nour Abdulwahid

Philemon Mwenda  
Rahimu Mussa  
Ramadhani Kalinga  
Samwel Kawa  
Theresia Sagamilwa  
Titus Mwisomba

**SAMPLE DESIGNERS**

Sylvia Meku  
Festo Mwemutsi

**CAPI QUESTIONNAIRE DESIGNERS**

George Mockray  
Beatrice Rwegoshora  
Hashim Uzia Mohamed  
Aisha Mohamed Said

**CATOGRAPHERS**

Rahimu Mussa  
Noela John  
Mohamed Gharibu

**AUTHORS**

Ambilikile Mwakyelu  
Basil Msuha  
Da Silver Mlau  
Devatha Mdeti  
Festo Mwemutsi  
Genya Charles Genya  
Jillahoma Mussa  
Juma Nyabenda  
Ludovick Materu  
Masoud Hassan Ali  
Moreen Guveti  
Mwalim Juma  
Mzee Mohamed  
Nico Ombeni  
Nour Abdulwahid  
Philemon Mwenda  
Rahimu Mussa  
Ramadhani Kalinga  
Samwel Kawa  
Theresia Sagamilwa  
Titus Mwisomba

**EDITORS/REVIEWERS**

Longin Nsiima  
Obey Asseri  
Oswald Ruboha

**TRAINERS**

Ali Rashid  
Basil Msuha  
Da Silver Mlau  
Devatha Mdet  
Festo Mwemutsi  
Genya Charles Genya  
Jillahoma Mussa  
Juma Nyabenda  
Ludovick Materu  
Masoud Hassan Ali  
Mohamed Gharibu  
Moreen Guveti  
Mwalim Juma Mohamed  
Mzee Mohamed  
Nico Ombeni  
Noela John  
Philemon Mwenda  
Rahimu Mussa  
Ramadhani Kalinga  
Robert Kasililwa  
Samwel Kawa  
Theresia Sagamilwa

**FIELD SUPERVISORS FROM HEADQUARTERS**

Abbas Alpha Kambo  
Alex Ndimbo  
Ally Rashid  
Beatrice Kavenuke  
Clemence Shio  
Cresensia Mpanda  
Elide Mwanri  
Ernest Mshana

Francis Makusaro  
Hadija Kayera  
Happiness Kapinga  
Leila Robin  
Morris Mulilo  
Noah Mkasanga  
Robert Kasililwa  
Salehe Chivanga  
Tuntufye Mwakasisi  
Veronica Mwangoka  
Vitalis Wantiku  
William Matee

**QUALITY ASSURANCE**

Abubakar Hamad Mussa  
Dr. Magreth Martin  
Elide Mwanri  
Titus Mwisomba

**IT TEAM FROM HEADQUARTERS**

Aisha Mohamed Said  
Alex Ndimbo  
Beatrice Rwegoshora  
Caroline Marealle  
George Mockray  
Hashim Uzia Mohamed  
Hossana Frank  
Hussen Mbahe  
Mwamini Kateta  
Pricilla Joseph  
Yasinta Kafulila

**LISTING AND DATA COLLECTION REGIONAL SUPERVISORS**

Abdalla Ali Hassan  
Abdulhamid Mfaume Ali  
Adam Ramadhani  
Albert Kapala  
Albert Kulwa  
Alfred Gewe  
Charles Mtabo  
Doto Alley  
Evarist Tairo  
Fabian Fundi  
Gideon Mokiwa  
Goodluck Lyimo  
Idd Muruke  
Israel Mwakapalala  
Juma Shabani  
Kalisto Lugome  
Khalid Msabaha  
Leokadia Mtey  
Lubili Gambamala  
Lufingo Jacob  
Masoud Hassan Ali  
Moses Kahero  
Mwanaisha Juma Haji  
Mwantumu Athuman  
Naing'oya Kipuyo  
Nestory Mazinza  
Peter Milinga  
Ramadhani Mbega  
Said Mohamed Said  
Salim Makame Salim  
Tamali Wiliam  
Theresia Lyimo  
Tony Mwanjota

## ENUMERATORS DURING LISTING EXERCISE

### **DODOMA**

Eunice Mndeme  
Abdulahim Simba  
Hadija Hamisi Naasi  
Mokwe Kisigiro  
Eunuce Mndeme  
Joseph Ndalile  
Judith Mrema  
Shaban Mzamilo

### **ARUSHA**

Auson W. Bishanga  
Ayubu M. Loakaki  
Edmund M. Rwegelela  
John Paulo  
Joshua Mwayombo  
Lilian Chuwa  
Lucas Kiringo  
Saitoti Leyan

### **KILIMANJARO**

Cheja Y. Malila  
Heavenlight Paul Mollel  
Hubert S. Ernest  
John Essau  
Mariam S. Msangi  
Nicolettha Mbigili  
Reginald Chami  
Serafini R. Cleophas

### **TANGA**

Amos Herbert  
Blantina Anthony  
Christopher A Mkongwe  
David Mdapo  
Edward Lakika  
Fabian George  
Frank Mhando  
Jacqueline Nhandi  
Mohamed Mtoo  
Salehe Mohamed

### **MOROGORO**

Ahmad Abdallah  
Anselimo Nsumba  
Emmanuel Chifunda  
Erasto Mbago  
Gama Mwendowasaa  
Gasper Kazoka  
Goodluck Munisi  
Jasper Kazoka  
Laura Philip Mushi  
Raphael Mwampamba  
Rasoul Rashid Suleiman  
Richard Lawrence

### **PWANI**

Abuu Lugongo  
Ali Likusi  
Cladius C. Kahanamtuki  
Jackson Gambamala  
James Lazaro  
John Josephat  
Pius C. Msafiri

Zawadi J. Hamimu

### **DAR ES SALAAM**

Dagubert Kayombo  
Hamis C. Sozigwa  
Vupoki Ngajilo

### **LINDI**

Deogratias Kakomekome  
Lusano John Ndwela  
Miraji Namkaa  
Salum Mnonjela

### **MTWARA**

Abitha Boniface  
Asajile Mwakasege  
Dadi Hassan  
Domina Magawa  
Jadi Hassan  
Paschal Sebastian  
Peter Idana

Selemani Mnyoka  
Tabitha Boniface

### **RUVUMA**

Antony Haule  
Athuman Juma  
Hassan Kasuwi  
Martin Luambano  
Mtende Ally  
Mussa J. Matimbwa  
Mussa Kapopo  
Sada A. Nihuka

### **IRINGA**

Ali Nzema  
Fatuma Jumbe  
Myabwire Kuboja  
Said Ndomba

### **MBEYA**

Baraka M. Mwakilima  
Consolata Kamanzi  
Deogratius S. Lyimo  
Elimringi Mafole  
Humphrey Mwakajila  
Joseph George  
Joseph Kyando  
Paul Mwaisemba  
Salome Brown Mwangasa  
Uswege Mwakalebela

### **SINGIDA**

Aziza Luguli  
Boniface Haule  
Emmanuel David Mlilo  
Emmanuel Msiru  
Mwanahamisi Swedi Ally  
Sinda Sungwa

### **TABORA**

Aloyce Misayo  
Angela B. Ngassa  
Francis Bukwimba

Fundi Kassim Fundi  
Guntrum Chitembo  
Hassan Y. Msogoti  
Medard Deusdedith  
Omary Rashid  
Samwel John

### **RUKWA**

Alexander Mwakiwone  
Edes Mbelano  
Ezekia Mwangoka  
George Senga  
Mwasauamu Shomari

### **KIGOMA**

Bidangwa Bukuru  
Edson J. Nkula  
Francis Alfred  
Joseph Kipanta  
Lucas Mihambo  
Salum Abdul

### **SHINYANGA**

Evarist N Mlazi  
Gerald Joseph Mashimbi  
Leonard Samson  
Mathias Onesmo Mapulule  
Mpoki Mwaikambo  
Msafiri Katopola  
Nandatay Olekede  
Robert Mlanzi

### **KAGERA**

Aneth Alistides  
Augustine Robert  
Daudi Peter Zimbelya  
Edner C. Malobo  
Godfrey Mbagu  
Jacqueline Majula  
Philemon Lwehabula  
Philemon Rwehabula

### **MWANZA**

Augustino Laurent  
Cyrius Lweyendeza  
Heri H. Ngowo  
Lenard C.K. Nago  
Malembo M. Musomi  
Maximilian Lucian Rite  
Paschal Selemani  
Rahimu Mwele

### **MARA**

Benard Marwa  
Catherine Emmanuel  
Deodatus C. Mwendapole  
Hadija Kerenge  
Ibrahim Abubakar  
Katherine Emmanuel  
Khadija Kerenge  
Likowala R. Msuku  
Manturu M. Joseph  
Rashid M. Mbega

### **MANYARA**

Amina Shabani

Bahati Joshua  
Festo E. Mwangosi  
Peter G. Karani  
Shahibu J. Shabani

**NJOMBE**

Albert Mwinuka  
Musa Njogolo  
Neema Mlawi  
Nicko Z. Kafyulilo  
Remigius Mteweke

**KATAVI**

George G. Ndangara

Gladness A. Salumu  
Juma K. Machimu  
Ramadhani N. Rashid  
Stellah B. Chenchele

**SIMIYU**

Allan Nestory William  
Golingo Nila  
Helena Daudi  
Mbonje Shija  
Paulo Salasala  
Ramadhani Herman

Winfride Azekiel  
Yunus Hassan Hussein

**GEITA**

Elizeus Nover  
Katto Kaluletea  
Laurian Masome  
Sarah Michael

**SONGWE**

Emily James Mwanitega  
Emmanuel Karoga  
Keneth B. Mweniungu  
Masoud Matata  
Ramadhani Simba  
Samwel W. Mwasandube

## ENUMERATORS DURING DATA COLLECTION

### DODOMA

Abdulrahim Simba  
Abubakari Nassoro  
Asia Abdallah  
Hadija Hamis Naasi  
Joseph Chambalo  
Khadija Yunus  
Kissa L. Mwaikambo  
Mokwe Kisigilo  
Noela Yared  
Omary Hassan

### ARUSHA

Anande Nyiti  
Antony Mtei  
Auson Wilson  
Ayubu Loakaki  
Denis Athanas  
Grace Muta  
Haji Mwamweta  
Hasna Kingu  
John Paul  
Joshua Mwayombo  
Kelvin Maghinde  
Lawrence Simon Kunambi  
Levina Salim  
Lucas Kiringo  
Mery Msue  
Saitoti Leyan Koika  
Stella Simeon  
Yohana Mwenda

### KILIMANJARO

Andrew Peter  
Aniceth Mshanga  
Anthonio Costantino  
Eldebrand Ritte  
Fabian Massay  
Herieth Alfred  
Kisumbo Mariki  
Mariam Msangi  
Nicoleta Mbigili  
Ramadhan Simba  
Reginald Chami  
Roseline Kimario  
Seraphin Cleofas  
Theresia Kimario

### TANGA

Aman Mussa  
Amos Herbeth  
Blandina Antony  
Christophora Adriano  
David Mdapo  
Edward Lalika  
Emmanuel Ndunguru  
Frank Mhando  
Jenipha Malya  
John Josephat  
Mariam Ernest Lukindo  
May Kiango  
Mohamed Mtoo  
Mzee Selemaini  
Saleh Mohamed  
Vivian Hamis Mayunga  
Yasin Mang'anya

Zainabu Khalfan

### MOROGORO

Ahmad Abdallah  
Anastazia Paul  
Anselmo Nsumba  
Daina Mwailima  
Edger Hebert Bihanda  
Erasto Mbago  
Gama Mwendowasaa  
Grayson Dzombe  
Happy Shayo  
Japhet G. Rumoka  
Jasper Kazoka  
Joseph Atanas  
Mathew R. Makwinya  
Moses C. Luoga  
Oscar Bukuku  
Prosper Banzi  
Reagan C. Rogath  
Sadiki Machota  
Salim Kapulilo  
Shani Gulisha  
Spensa Lishela  
Zawadi Juma

### PWANI

Abuu Mohamed  
Jesca Akyoo  
Claudius Kahanatuki  
Doreen Kornely  
Edith Malenge  
Kassim Ramadhani  
Lameck Kabunhu  
Lulu Njari  
Mohamed Nanyanje  
Raphael Chelele  
Salehe Mnama  
Shem Mwanjota  
Sophia Deus

### DAR ES SALAAM

Avestina Kagashani  
Clement Ngalaba  
Fanuel Mamu  
Godfrey Mbena

### LINDI

Deogratius Komekome  
Lusano Ndowela  
Marcus Makondo  
Miraji Namkaa  
Paulina Pius  
Salum Mnonger

### MTWARA

Asajile Mwakasege  
Awadhi Mbemba  
Beatrice William  
Dadi Hassan Ausi  
Emmanuel Mwaisumbe  
Enea Erasto  
Hatibu Ahmad  
Martin Malang'ai  
Mathias Lugola  
Pascal Sebastian

Selemani Mnyoka  
Tabitha Boniface

### RUVUMA

Abdallah Chuwa  
Anthony Haule  
Athumani Juma  
Eveline Malilo David  
Fadhili Seif  
Huruma Selanyika  
Janeth Olech  
Lucy Modest Lumoli  
Martha Dickson  
Mary Temba  
Mtende Ally  
Mussa Matimbwa  
Upendo Swilla  
Vaileth Mfuse  
Vaileth Mtumbati

### IRINGA

Alli Nzema  
Ignas Chusi  
Nyabwire Kuboja  
Sabra Rashid  
Said Ndomba

### MBEYA

Ally Waziri  
Angelina Mgonja  
Baraka Mwamsojo  
Clezensia Rwegasira  
Consolatha Akiza Kamanzi  
Doreen Godwin Mawolle  
Dorice Chaula  
Elimringi Mafole  
Erasmus Ambrozi  
Erick Anam  
Esmaili Naftali Lema  
Faraja Kibona Yudah  
Glory Comphrence  
Grace Nyambo  
Humphrey Mwakajila  
Joseph Kyando  
Joseph Mwaipopo  
Joseph Selesi  
Kassim Omary Chando  
Paul Mwaisemba

### SINGIDA

Adson Adrian  
Cleveland Mshingeni  
Godwin Steven  
Hamida Shabani  
Julius Shani  
Meoli Leiyo  
Michael Mponeja  
Talek Robert

### TABORA

Aloyce Misayo  
Amosi Mwenda  
Angela F. Bukwimba  
Athuman Omari  
Deusi Medard  
Fundi K. Fundi



Geofrey Mtobesya  
Happiness Ngassa  
Hasani Y. Msogoti  
Jumanne S. Mapunda  
Linda Mwangoka  
Method T. Fute  
Mike Kitilla  
Philipo Faustine  
Vicent Mussa  
Winfrida Mikidadi  
Oliverson Josiah  
Wardas Kalago

#### **RUKWA**

Alexander Mwakiwone  
Edes Mbelano  
Ezekia Mwangoka  
George Senga  
Herney Malogo  
Jiles Chipeta  
John Evarist

Mwasauumu Shomari

#### **KIGOMA**

Admirabris Kafigiri  
Bidangwa Bukuru  
Geofrey Mpinga  
Idris Kasuwi  
Joseph Kipanta  
Josiah Mwakijale  
Lucas Mihambo  
Salum Abdul

#### **SHINYANGA**

Aloyce Msini  
Elisha Kabwogi  
Gelard Joseph  
Happy Magily  
Jumapili Mwendo  
Leonard Samson  
Luther Daud  
Mathias O. Mpulule  
Nandatay Olekede  
Robert N. Mlazi

#### **KAGERA**

Daudi P. Zimbeiya  
Deogratius Joseph  
Epimachus Raphael  
Frank Mwesiga Jackson  
Godfrey Mbanga  
Jacqueline Majula  
Philemon Lwehabula  
Rachel Eliud  
Thomson T. Ngahulira  
Veronica Mlay

#### **MWANZA**

Adam Warucha  
Agustino Laurent  
Bestina Murondoro  
Cyriacus Rweyendeza  
Edmund Mutembe  
Fadaki Maganga  
Frank Estomin  
Gideon Chalo  
Gonzaga Wilfred

Joseph Asser  
Judith Steven  
Lenard Nago  
Malembo Mtesigwa  
Maneno Mwashamba  
Maxmilian Ritte  
Pascal Selemani  
Stanslaus Kasubiri  
Suzan Gwahila

#### **MARA**

Amina Yusufu  
Bernard M Marwa  
Catheline Kilumbo  
Deodatus Chisant Mwendapole  
Elizeus Vedasto  
Gambaseni Kusaga  
Hassan Issa  
Ibrahim Abubakar  
Irine Muriba  
Issa Bedon  
Likowala R. Msuku  
Manturu M. Joseph  
Rashidi Mganga Mbega  
Tumaini Mboya

#### **MANYARA**

Betrod Matembo  
James Peter Mwanjala  
Mussa Kimiku  
Paul Emmanuel Nyakabindi  
Salma Salum  
Shahib J. Qhobah  
Thomas Tlaa Gauday  
Winfrida Ezekiel Huche  
Yunus Hassan Hussein  
Zainab Juma Shaban

#### **NJOMBE**

Albert G. Mgohele  
Albert Mwinuka  
Christina Ndongole  
Jerome Bange  
Mussa Njogoro  
Neema Mlawa  
Ntuli Swebe  
Remigius Mtewele

#### **KATAVI**

Amos Bandawe  
Antony Lugema  
Dismas E. Malinyo  
George Mahona  
Gladness Salum  
Jane Haonga  
Johson Msemo  
Lazaro Masumbuko

#### **SIMIYU**

Allan Nestory  
Emmanuel Joseph  
Honest Alloyce  
Misana Shirinde  
Perepetua Yusufu  
Pili Mayala  
Shibeshi Pastory

Thomas Raphael

#### **GEITA**

Anitha Richard  
Anna E. Mabogo  
Denis Shetui  
Elias Jumanne  
Gilbert Njunwa  
Japhet Maduhu  
Laurian Masome  
Sara Michael

#### **SONGWE**

Deus Michael  
Emanuel Karota  
Fadhil Zuberi  
Keneth Mweniungu  
Leila Mateleka  
Samwel Mwasandube

#### **KASKAZINI UNGUJA**

Asya Mussa Vuai  
Hafidh Haji Salum  
Idrisa Abdulwakil Idrisa  
Juma Ali Juma  
Khaytham Ali Juma  
Seif Amour Ali  
Subira Khamis Mohamed

#### **KUSINI UNGUJA**

Hidaya M. Juma  
Hussen A. Hussen  
Mohamed Mlekwa Yussuf  
Mwanjabu Ali Mussa  
Ramadhan Ali Hassan

#### **MJINI MAGHARIBI**

Khatib Mohamed Khatib  
Maryam Muhajir Tahir  
Ramla M. Kassim  
Raya M. Mahfoudh

#### **KASKAZINI PEMBA**

Habiba Bakar Othuman  
Hadid Rashid Hadid  
Hamad Khamis Rashid  
Sitti Haji Ali

#### **KUSINI PEMBA**

Rahma Said Hassan  
Sabiha Khamis Juma  
Salim Abdalla Masoud  
Saleh Idrissa Abeid

