ANNUAL AGRICULTURAL SURVEY REPORT 2019

TRADITIONAL SECTOR

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TRADITIONAL SECTOR

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PREFACE

This report presents the 2019 Annual Agricultural Survey results. The survey is part of a series of household surveys carried out by Statistics Botswana through the Agricultural Statistics Unit (ASU) and in collaboration with the Department of Agricultural Research, Statistics and Policy Development (DARSPD) of the Ministry of Agricultural Development and Food Security.

The aim of the agricultural surveys is to provide time series data on key production indicators in the livestock and crop sub-sectors for evidence-based decision-making, development planning as well as to monitor and evaluate Government development programmes and projects.

I wish to acknowledge all those who contributed to the successful completion of this survey. In particular, I would like to thank the Ministry of Agricultural Development and Food Security for their partnership in this exercise and farmers for their invaluable time and cooperation to provide data to our enumerators.

For more information and further enquires, contact the Directorate of Stakeholder Relations at 3671300. All Statistics Botswana outputs/publications are available on the website at www.statsbots.org.bw and at Statistics Botswana Library (Head-Office, Gaborone).

Dr. Burton S. Mguni
Statistician General
November 2020

LIST OF AGRONYMS

ALDEP – Arable Land Development Policy
ASU – Agriculture Statistics Unit
CSPro – Census and Surveys Processing System
DARSPD – Department Agricultural Research, Statistics & Policy Development
EER – Establishment and Enterprise Register
GDP – Gross Domestic Product
IMPS – Integrated Microcomputer Processing System
ISPAAD – Integrated Support Programme for Arable Agriculture Development
LIMID – Livestock Management and Infrastructure Development
MoA – Ministry of Agricultural Development and Food Security
MFDP – Ministry of Finance and Development Planning
NAMPAADD – National Master Plan for Arable Agriculture and Dairy Development
SLOCA – Services to Livestock Owners in Communal Areas
StatsBots – Statistics Botswana
TGLP – Tribal Grazing Land Policy

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EXECUTIVE SUMMARY

Agriculture in Botswana consists of two distinct sectors, namely the commercial and the traditional sectors. The agricultural survey carried out in 2019 covered the traditional sector while the commercial sector coverage was low and as such cannot be used to produce meaningful results to guide policy and decision making. This report therefore presents the 2019 survey results for the traditional sector only. The results of 2019 survey will be compared with 2017 survey results since there was no survey in 2018.

The results of the 2019 agricultural survey depict improved trends in some of the livestock production enterprises than under crop production within the traditional sector. The cattle enterprise under the Livestock production subsector showed a decline in 2019, while goats and sheep showed a marked improvement. The good performance of the small-stock production is attributable to government programmes such as LIMID and Poverty Eradication, as well as low mortality recorded in 2019 for both goats and sheep. However, arable production showed a downward production trend in all the major crops compared to the 2017 Annual Agricultural Survey results.

Cattle population for the traditional sector dropped from 1.1 million in 2017 to 935 thousand in 2019. The decline in cattle population is attributed to an increase in cattle deaths from 64,447 in 2017 to 102,255 in 2019. Cattle lost due to straying/theft are lower than the 79,799 in 2017 but still considered high at 53,571 in 2019. This indicates that a significant number of cattle were lost due to straying/theft in 2017 and 2019. Despite the increase in cattle birth rate from 47.3 percent to 56.5 percent, the mortality rate doubled from 5.9 percent in 2017 to 10.9 percent in 2019 and off-take rate increased from 5.5 percent to 7.0 percent during the same period. The mortality is attributed to the severe drought that ravaged the country during the 2017/2018 and 2018/2019 seasons. Both the years 2017/18 and 2018/19 were declared drought years for the whole country (Botswana Environment Statistics, Natural and Technological Disasters Digest 2019) and as such the decline in both crop and livestock production indicators is attributed to drought.

During the period under review, the goats' population increased from 1,200,000 in 2017 to 1,229,000 in 2019. The birth rate of goats increased by a percentage point from 39.1 to 39.2 percent. The goats' mortality rate decreased from 23.3 to 18.9 percent in 2017 and 2019 respectively. A decrease in mortality rate and a slight increase in birth rate resulted in an increase in goats' population. The off-take rate declined from 7.3 to 6.6 percent.

The Sheep population increased from 234,621 to 242,911between 2017 and 2019. The birth rate experienced a slight decrease from 33.6 to 32.8 percent in the same period, while the mortality rate also dropped to 14.1 percent in 2019 from 16.1 percent recorded in 2017. However, the off-take rate increased from 3.9 to 4.5 percent. The sheep enterprise shows a slight improvement in performance from 2017 to 2019 survey years.

The 2019 survey results indicate that the traditional crop sector experienced a poor harvest compared to 2017. Sorghum production recorded a substantial reduction from 5,975 metric tons in 2017 to 826 metric tons (86.2 percent) in 2019. Maize production also experienced a huge reduction from 13,911 metric tons to a staggering 987 metric tons (92.9 percent), while millet production dropped from 1,099 metric tons to 313 metric tons (71.5 percent) in 2017 and 2019 respectively. The beans/pulses also realized a significant reduction in production from 2,348 metric tons in 2017 to 583 metric tons (75.2 percent) between the 2017 and 2019 agricultural seasons. Compared to 2017 agricultural survey results, there was a decrease in area planted and area harvested for all the crops in 2019 except for millet which remained the same. The crop sector recorded substantially low yields during the 2019 compared to the 2017 cropping season, in terms of both yield per hectare planted and yield per hectare harvested. The yields per hectare planted for sorghum dropped from 251 kg/ha in 2017 to 48 kg/ha in 2019, while maize yield was 225kg/ha in 2017 but dropped to 25kg/ha in 2019. The millet yield reduced from 353 kg/ha to 91kg/ha between 2017 and 2019 respectively, while the yield for pulses also showed a marked reduction from 86 kg/ha to 31 kg/ha between 2017 and 2019 survey years respectively.

CHAPTER 1: INTRODUCTION

Agriculture plays an important role in rural development by providing food, income and employment for the majority of the rural dwellers. In Botswana, it has a potential for growth and creation of employment opportunities particularly for the unskilled and semi-skilled people. However, the sector is not performing optimally due to recurring droughts, losses due to straying and theft and endemic animal diseases such as Foot and Mouth Disease (FMD). Nevertheless, agriculture still remains a viable option for poverty reduction and employment creation because it is labor intensive.

This report provides statistics on a wide range of agricultural production indicators with the view of facilitating evidence-based decision-making, policy development and monitoring and evaluation of agricultural development programs. In the livestock sub-sector, the report provides information on birth rates, off-take rates, death rates, number of holdings and livestock population. In the arable sub-sector, production indicators covered include area planted, area harvested, production and yield per hectare. Information on the agricultural holders' characteristics such as gender, marital status and age is covered as well.

CHAPTER 2:ANALYSIS OF THE RESULTS

2.1 Agricultural Holders Characteristics

2.1.1 Gender & Marital Status

The results of the survey indicate that in the 2019 agricultural season, male farmers continued to dominate farming at 63.1 percent compared to their female counterparts with only 36.9 percent participation **(Table 3.1)**. Most holders, accounting for 22,045 out of the total number of 54, 908 are married, and this is 40.1 percent while 24.5 percent were never married and 16.3 percent were living together **(Table 3.2)**.

The 2019 survey results also indicate that 73.1 percent of holders are living within their holdings, while 24.2 percent are staying away from their farm holdings **(Table 3.6)**. Therefore, the survey results show that most traditional farmers reside within their farm holdings and manage their own livestock on a daily basis, averting the poor manage practices often associated with absentee farming. The results further reveal that most holders, 79.9 percent are full time farmers and this implies that most traditional farmers concentrates their effort on farming rather than on other forms of employment **(Table 3.7)**.

2.1.2 Youth participation

The participation of youth in agriculture is still low according to the 2019 survey results. Out of a total of 54,908 traditional farmers/holders countrywide, only 5.3 percent were aged between 15 and 35 years. The majority of farmers were in the age group 65 years and above (34.9 percent) and between 55-59 years at 12.4 percent **(Table 3.5**).

2.1.3 Farm workers and economic activities

The survey results illustrate that 13,191 holdings (24.0 percent) employed farm workers **(Table 3.17)**. There were 15,422 farm workers in 2017 as compared to 14,898 in 2019, which is a 3.4 percent reduction. The 2019 survey results further revealed that the majority of farm workers were permanent at 90.1 percent (Table 3.20). Males accounted for the majority of these farm workers at 95.0 percent compared to the 5 percent of their female counterparts.

There was an increase in the average farm wage from P967 in 2017 to P1, 174 in 2019. This shows that most farmers comply with the minimum wage set by the government for agricultural farmers which is P1, 000. It is worth noting that the average wage in both years was above the minimum wages approved by the Government of P550 and P1, 000 for 2017 and 2019 respectively. The 2019 survey results also demonstrated that farmers pay their workers both inkind and cash and this results in high average farm wages than the approved rates.

2.2: Livestock Statistics

Livestock statistics comprises cattle, goats, sheep, donkeys/mules, horses, pigs, ostriches, chicken and others, but this summary will only concentrate on the three main ones in Botswana and these are cattle, goats and sheep.

Table 2.2a: Livestock Holdings, Population & Indicators between 2017 & 2019

INDICATORS	2017 Traditional	2019 Traditional
CATTLE:- Total Cattle Holdings	33,819	29,355
Total Cattle	1,100,375	934,732
Offtake rate (%)	**5.5**	**7.0**
Birth rate (%)	**47.3**	**56.5**
Death rate (%)	**5.9**	**10.9**
GOATS:- Total Goats Holdings	58,332	42,179
Total Goats	1,199,661	1,228,744
Offtake rate (%)	**7.3**	**6.6**
Birth rate (%)	**39.1**	**39.2**
Death rate (%)	**23.3**	**18.9**
SHEEP:- Total Sheep Holdings	12,992	11,905
Total Sheep	234,621	242,911
Offtake rate (%)	**3.9**	**7.7**
Birth rate (%)	**33.6**	**32.8**
Death rate (%)	**16.1**	**14.1**

The **Table 2.2a** above indicates a decline in the total number of agricultural holdings constituted by all types of livestock. In contrary to the total goats and sheep holdings decline, their populations have slightly increased by 2.4 and 3.5 percent respectively. This increase is attributed to lower death rates during 2019 as compared to 2017 agricultural season among others. The cattle population has declined due to high death rate in 2019.

The cattle population is observed to be the highest in Central Serowe/Palapye with 10.5 percent of the total cattle population countrywide. This is partly due to the districts' vast geographic coverage compared to other districts. Ngwaketse and Central Mahalapye had the second highest cattle population at 7.7 percent each. The lowest cattle population were recorded at South East and Chobe with 0.4 and 0.3 percent respectively (**Table 4.2B**). Both areas have small geographic areas and limited carrying capacities for livestock. Chobe in particular has vast wildlife management areas and intrusion of predators which further contribute to low numbers of livestock kept in the area.

Cattle sales were observed to be highest in Central Serowe/Palapye at 12.1 percent followed by Ghanzi with 9.5 percent), Ngamiland East with 9.3 percent and Kweneng West recording 8.0 percent as presented in **Table 4.5A**. The highest number of cattle were sold to butcheries followed by feedlots, then to other farmers and the least number of cattle were sold directly to BMC **(Table 4.6)**.

Livestock ownership shows a widening gap between males and females with regard to the two survey years under review. In 2017 males owned 73 percent of cattle, 62 percent of goats and 73 percent of sheep. The 2019 survey however, shows that males now own 85 percent, 71 percent and 79 percent of the above mentioned livestock respectively **(Tables 4.1A, 5.1A** and **5.7A)**. This shows a 12 percentage point, 9 percentage point and 6 percentage point differences between 2017 and 2019 surveys respectively. Therefore, there is need for a suitable affirmative action plan to be put in place to lure and support women into livestock rearing.

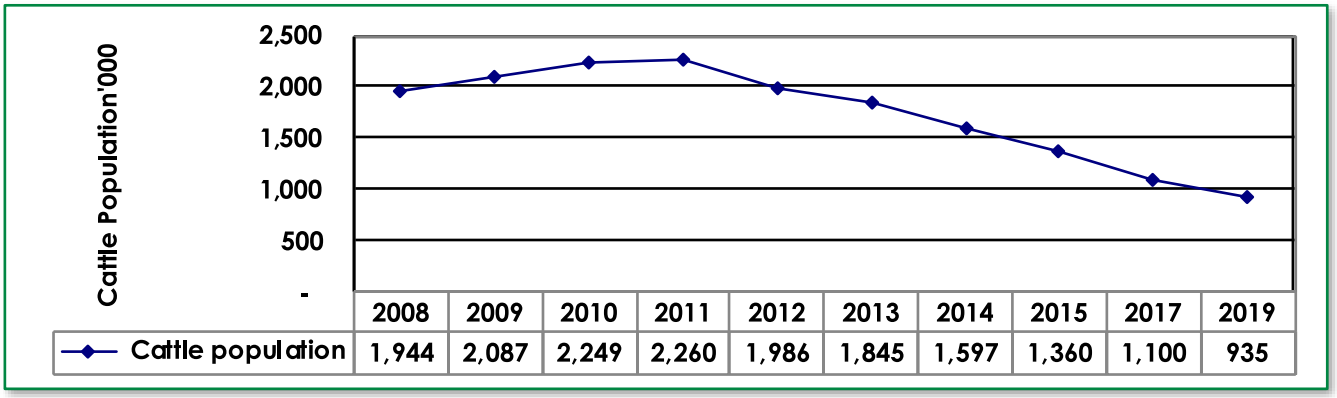
Supplementary feeding in the traditional livestock sub-sector is only practiced by fewer households and this results in high cattle mortality during drought years. As revealed by the 2019 survey results, 41.7 percent of households provided supplementary feeds for their cattle, while only 26 and 37 percent of households supplemented their goats and sheep respectively **(Table 3.14)**. It is worth noting that though the percentage of households that provided supplementary feeds for goats and sheep were lower than those that supplemented their cattle, the mortality rate for cattle was higher. This indicates that cattle mostly require supplementary feeding during dry winter seasons because cattle are susceptible to droughts compared to small-stock which is more resilient.

2.2.1 Cattle holdings and population

The traditional sector cattle holdings experienced a 13.2 percent decline from 33,819 in 2017 to 29,355 in 2019 agricultural seasons as observed from Table 2.2a above. This implies that fewer households were found to be rearing cattle during 2019 compared to 2017. The cattle population also realised a reduction of 15.2 percent from 1,100,375 in 2017 to 934,732 in 2019. The decline in cattle numbers observed between the years' 2017 and 2019 was attributed to an increase in off-take and death rates **(Table 2.2a)**.

The trend line **(Figure 2.2.1)**, which summarizes annual cattle population data from 2008 to date indicates a downward trend, hence the need for policy intervention to be put in place to address the situation before it deteriorates further.

Figure 2.2.1Cattle Population Trend (000) from 2008 - 2019

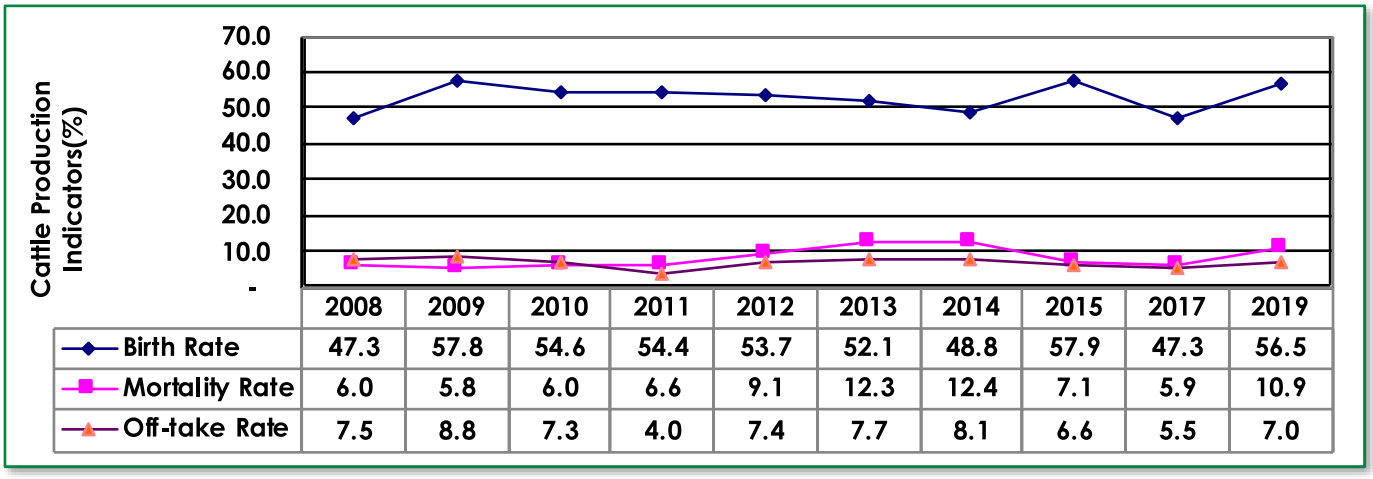


2.2.1A Cattle production indicators (birth, death and off-take rates)

Between 2017 and 2019 agricultural seasons, both cattle mortality and off-take rates have increased from 5.9 to 10.9 and from 5.5 to 7.0 percent respectively. This, coupled with a severe drought during the review period contributed significantly to the cattle population reduction. Though the birth rate increased from 43.7 in 2017 to 56.5 percent in 2019, it did not contribute to a significant increase in cattle numbers.

The **Figure 2.2.1A** demonstrates the performance of the cattle industry for the past ten survey years between 2008 and 2019. The cattle birth rate was between 47.3 and 57.9 percent. On average the birth rate was on a downward trend for most years except in 2009, 2015 and 2019, where it displayed significant peaks. The years 2008, 2014 and 2017 are the only ones which recorded less than 50 percent birth rate. It is also worth noting that since the year 2010 to date mortality has been higher than off-take rate, which calls for cattle owners to improve their animal husbandry practices which include supplementary feeding, vaccination against diseases and pest control.

Figure 2.2.1A: Cattle Production Indicators Trends from 2008 – 2019



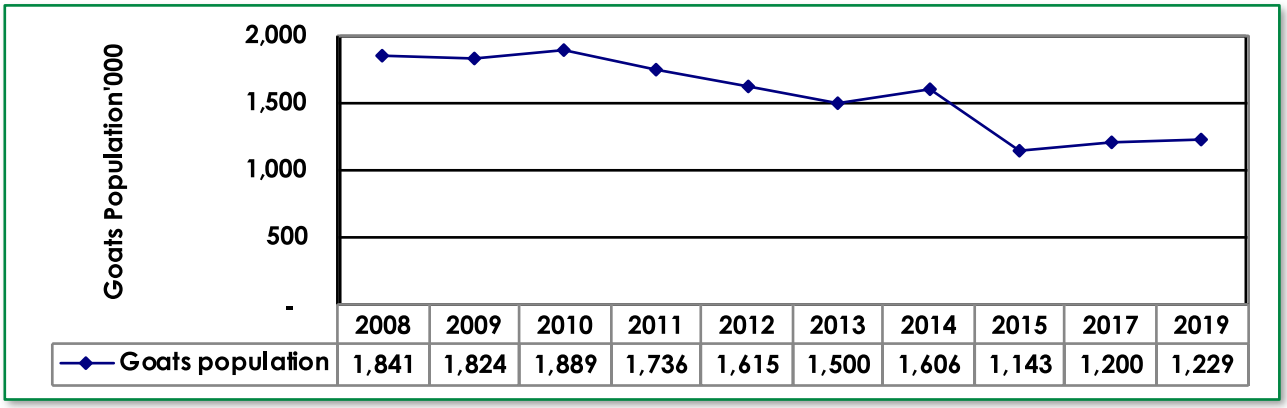
	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Birth Rate	47.3	57.8	54.6	54.4	53.7	52.1	48.8	57.9	47.3	56.5
Mortality Rate	6.0	5.8	6.0	6.6	9.1	12.3	12.4	7.1	5.9	10.9
Off-take Rate	7.5	8.8	7.3	4.0	7.4	7.7	8.1	6.6	5.5	7.0

2.2.2 Goats Holdings and Population

For the period under review, goats holdings have dropped from 58,332 in 2017 to 42,179 in 2019 (Table 2.2a). Contrary to the decline in goats' holdings, the goats' population has increased from 1,199,661 in 2017 to 1,228,744 in 2019. The reduction in goat holdings is attributable to some farmers exiting the rearing of goats. However, the goat population increase in 2019 implies improved husbandry practices that resulted in a decline in mortality and off-take rates coupled with improved birth rate.

The goats' production indicator data represented in **figure 2.2.2** below shows a time series data from 2008 to 2019. The time series data in **figure 2.2.2** depicts that goats' population fell from 1.8 million in the years 2008, 2009 and 2010 to 1.5 million in 2013. However, the goats' population increased to 1.6 million in 2014 before a sharp decline to 1.1 million in 2015 and 1.2 million during the last two survey years of 2017 and 2019.

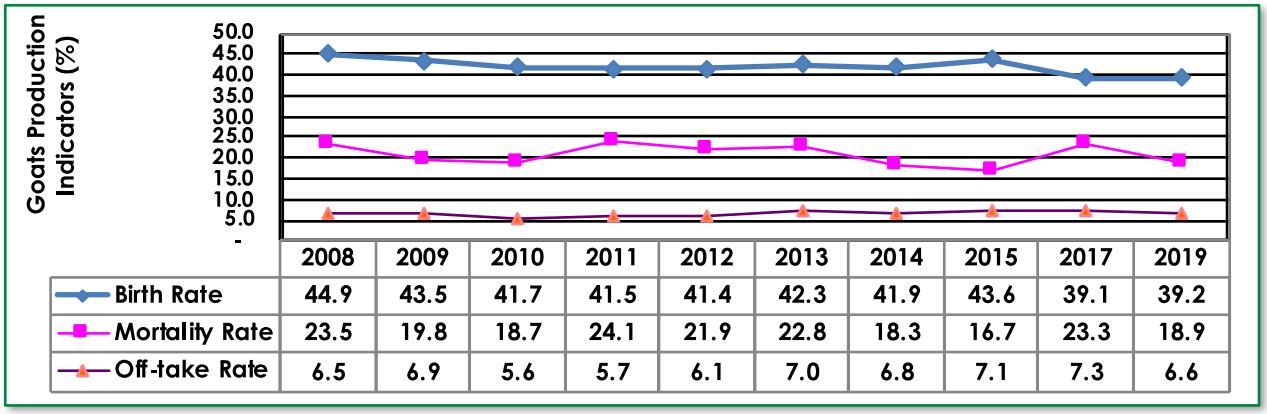
Figure 2.2.2: Goats Population Trend from 2008 - 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Goats population	1,841	1,824	1,889	1,736	1,615	1,500	1,606	1,143	1,200	1,229

Figure 2.2.2A below shows that the crude birth rate has consistently been between 40 and 45 percent until 2015. It then fell to approximately 39 percent during the last two survey years of 2017 and 2019. Mortality rate oscillated between 16.7 and 24.1 percent for the ten year period. The off-take rate however fluctuated between 5.6 and 7.3 percent from 2008 to 2019. Mortality has consistently been more than three times higher than the off-take rate, which denotes that holdings lose goats due to death occurrence rather than voluntary transactional activities like sales. As a result, good management practices that entail vaccination, dipping, provision of supplementary feeds and keeping goats away from predators among others are very crucial to curb deaths.

Figure 2.2.2A: Goats Production Indicators Trends from 2008 – 2019

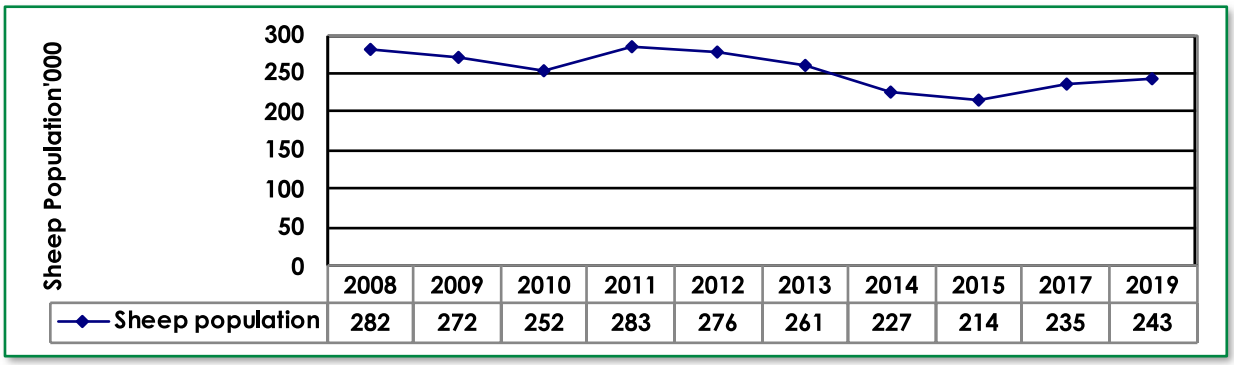


	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Birth Rate	44.9	43.5	41.7	41.5	41.4	42.3	41.9	43.6	39.1	39.2
Mortality Rate	23.5	19.8	18.7	24.1	21.9	22.8	18.3	16.7	23.3	18.9
Off-take Rate	6.5	6.9	5.6	5.7	6.1	7.0	6.8	7.1	7.3	6.6

2.2.3 Sheep Holdings and Population

Sheep holdings dropped by 8.4 percent from 12,992 to 11,905 between 2017 and 2019 agricultural seasons respectively **(Table 2.2a)**. Despite this decrease in number of holdings, sheep population in the contrary realized an increment from 234,671 to 242,911, which is a 3.5 percent in 2017 and 2019 respectively. The slight increase in sheep population is attributed to the reduction in mortality during the survey years of 2017 and 2019 **(Figure 2.2.3)**.

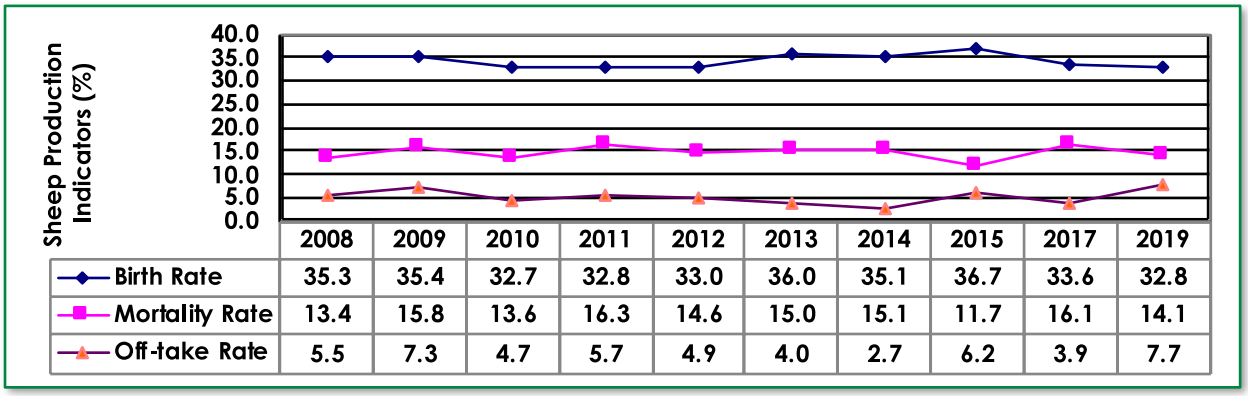
Figure 2.2.3: Sheep Population Trend (000) from 2008 - 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Sheep population	282	272	252	283	276	261	227	214	235	243

Sheep production indicators trends given in **figure 2.2.3A** below shows that birth, mortality and off-take rates are almost constant at 35, 15 and 5 percent respectively. This indicates that sheep rearing in Botswana is on average neither improving nor deteriorating but just stagnant. For the period under review, birth rate fluctuated between 32.7 and 36.7 percent while mortality rates oscillated between 11.7 and 16.3 percent. The off-take rates were between 3.9 and 7.7 percent.

Figure 2.2.3A: Sheep Population Indicators Trends from 2008 – 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Birth Rate	35.3	35.4	32.7	32.8	33.0	36.0	35.1	36.7	33.6	32.8
Mortality Rate	13.4	15.8	13.6	16.3	14.6	15.0	15.1	11.7	16.1	14.1
Off-take Rate	5.5	7.3	4.7	5.7	4.9	4.0	2.7	6.2	3.9	7.7

2.3 Crop Statistics

The section gives a summary of crop statistics for 2017 and 2019 cropping seasons under the traditional sector. Crops covered include sorghum, maize, millet, beans/pulses, sunflower, groundnuts, watermelons, melons and others. The discussion will mainly focus on the four major crops namely sorghum, maize, millet and beans/pulses.

2.3.1 Total Holdings, Total Area Planted and Harvested

Table 2.3.1 below presents total land holdings and land area, total crop holdings and area planted, total holdings harvested and total area harvested in 2017 and 2019 agricultural seasons.

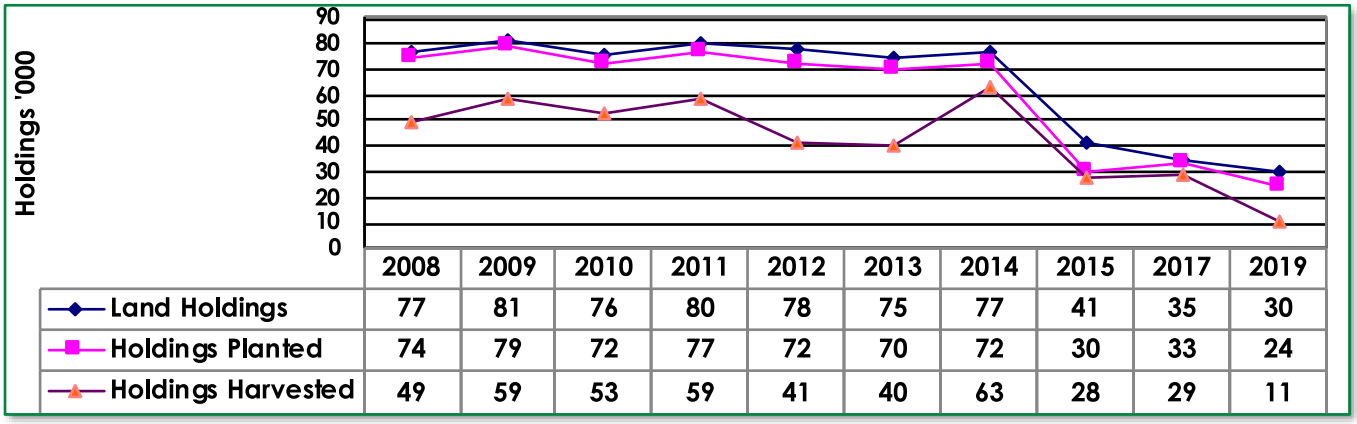
Table 2.3.1: Total Holdings, Area Planted & Harvested from 2017 – 2019

INDICATORS	TRADITIONAL SECTOR	
	2017	2019
Land Holdings	35, 173	30,212
Holdings Planted	33,399	24,396
Holdings Harvested	28,585	10,956
Total Land Area (ha)	135,315	117,416
Total Area Planted (ha)	126,821	88,288
Total Area Harvested (ha)	92, 942	22,866
Fallow Land Area	8,494	29,128
% Land Area not Planted	6.3	24.8

In 2019 cropping season, the number of farmers with land for planting showed a 14.1 percent decrease from 35,173 in 2017 to 30,212 in 2019. Area planted also decreased by 13.2 percent from 135,315 ha in 2017 to 117,416 ha in 2019. Production indicators being yield, area planted and harvested also declined. This is attributed to the poor rainfall recorded during the 2018/19 cropping season. Conversely, the percentage of the land area not planted (fallow land) increased tremendously from 6.3 percent in 2017 to 24.8 percent of total arable land in 2019. This shows that most farmers did not plough/plant their fields in 2019.

A graphical presentation of land holdings, holdings planted and holdings harvested trend from 2008 to 2019 is illustrated by **Figure 2.3.1A**, the graph depicts that 2019 agricultural season experienced a decrease in both land holdings, holdings planted, and holdings harvested as compared to 2017 agricultural season.

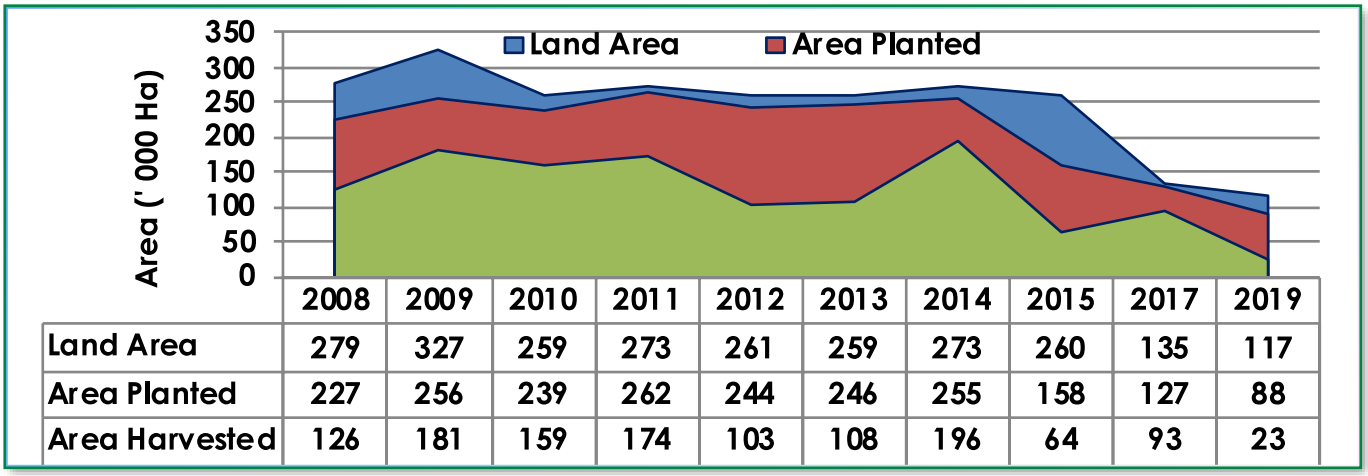
Figure 2.3.1A: Land Holdings, Holdings Planted & Harvested from 2008 – 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Land Holdings	77	81	76	80	78	75	77	41	35	30
Holdings Planted	74	79	72	77	72	70	72	30	33	24
Holdings Harvested	49	59	53	59	41	40	63	28	29	11

Figure 2.3.1B below presents land area, area planted and area harvested. The trends are very erratic with sharp decreases and slight increases between years.

Figure 2.3.1B: Land Area, Area Planted & Harvested Trends from 2008 – 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Land Area	279	327	259	273	261	259	273	260	135	117
Area Planted	227	256	239	262	244	246	255	158	127	88
Area Harvested	126	181	159	174	103	108	196	64	93	23

2.3.2 Crops Planted and Harvested

Maize, sorghum, millet and beans/pulses are the major crops in terms of area planted **(Table 2.3.2)**. Maize experienced a decline of 36.5 percent in total area planted from 61,706 ha in 2017 to from 39,201ha in 2019. However, it still remained the predominant crop in the traditional sector with respect to area planted. Pulses/ beans were the second predominant crop with a total area of 27,251 ha in 2017 and 18,950 ha in 2019 respectively.

During the 2017 and 2019 agricultural seasons, crop yields per hectare declined substantially for major crops. The traditional sector experienced a drastic decrease in the sorghum yields per hectare planted from 251kg/ ha to 48kg/ha between 2017 and 2019 cropping seasons respectively. Furthermore, maize and beans/ pulses also experienced a marked decrease in yields from 225kg/ha to 25kg/ha and 86kg/ha to 31kg/ha respectively. In general, the productivity of a hectare declined for all the crops between the 2017 and 2019 cropping seasons.

Table 2.3.2: Area Planted, Harvested, Production & Yields: 2017 and 2019

		TRADITIONAL SECTOR	
	INDICATORS	**2017**	**2019**
	Total Sorghum Holdings	19,859	15,058
	Total Area Planted(ha)	23,766	17,126
Sorghum	Area Harvested (ha)	16,512	5,136
	Production (Metric Tons)	5,975	826
	Yield Per hectare Planted	251	48
	Yield Per Hectare Harvested	362	161
	Total Maize Holdings	34,828	23,424
	Total Area Planted(ha)	61,706	39,201
Maize	Area Harvested (ha)	51,030	6,660
	Production (Metric Tons)	13,911	987
	Yield Per hectare Planted	225	25
	Yield Per Hectare Harvested	273	148
	Total Millet Holdings	6,243	5,149
	Total Area Planted(ha)	3,118	3,432
Millet	Area Harvested (ha)	2,538	1,604
	Production (Metric Tons)	1,099	313
	Yield Per hectare Planted	352	91
	Yield Per Hectare Harvested	433	195
	Total Beans/Pulses Holdings	35,628	27,869
	Total Area Planted(ha)	27,251	18,950
Beans/Pulses	Area Harvested (ha)	15,701	5,700
	Production (Metric Tons)	2,348	583
	Yield Per hectare Planted	86	31
	Yield Per Hectare Harvested	150	102

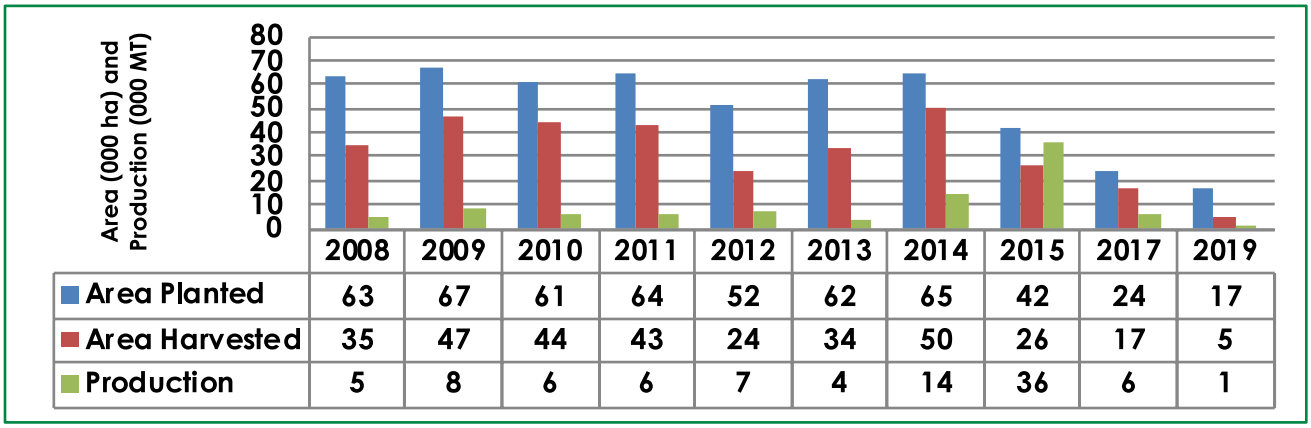
2.3.2.1 Sorghum

The total number of farmers who planted sorghum decreased by 24.2 percent from 19,859 in 2017 to 15,058 in 2019 **(Table 2.3.2)**. The total area planted under sorghum went down by 27.9 percent from 23,766 hectares to 17,126 hectares. Area harvested also decreased from 16,512 hectares to 5,136 hectares, which is 68.9 percent reduction. Likewise, the total sorghum production also went down by 86.2 percent from 5,975 metric tons in 2017 to 826 metric tons in 2019.

The yield per hectare planted decreased from 251kg/ha in 2017 to 48kg/ha in 2019 as earlier indicated.

Figure 2.3.2.1 below shows area planted, area harvested and production trends for sorghum in the traditional sector over a period of ten years, starting in 2008.

Figure 2.3.2.1: Sorghum: Area planted & Harvested & Production from 2008– 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Area Planted	63	67	61	64	52	62	65	42	24	17
Area Harvested	35	47	44	43	24	34	50	26	17	5
Production	5	8	6	6	7	4	14	36	6	1

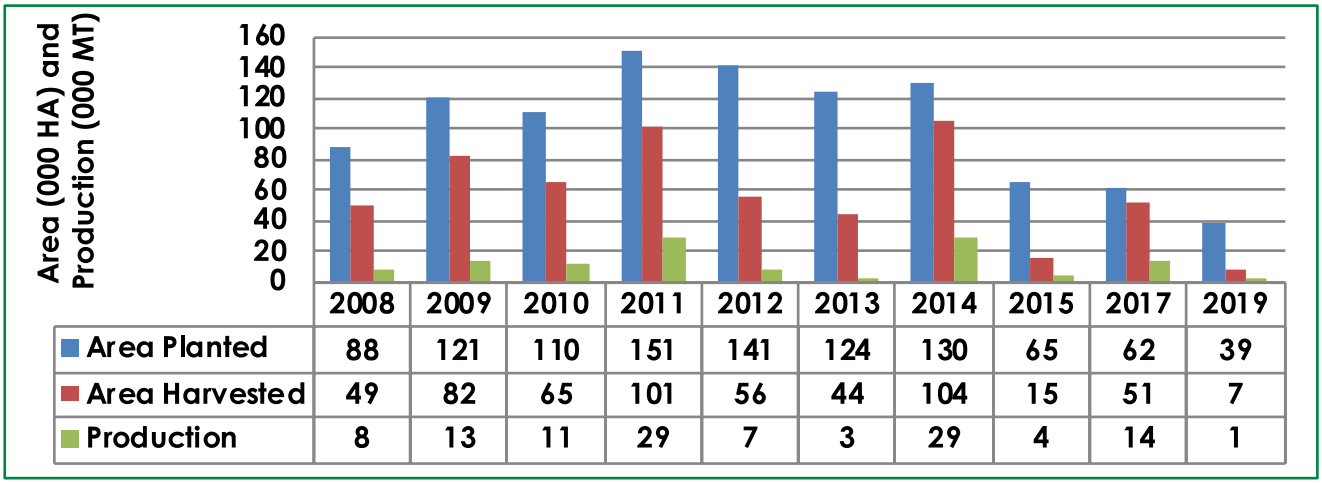
2.3.2.2 Maize

The number of farmers who planted maize decreased from 34,828 in 2017 to 23,424 in 2019 (Table 2.3.2). The total area planted decreased significantly from 61,706 hectares to 39,201 hectares during the two periods, which is 36.5 percent. As it has been the trend in the past years, the data shows that 34,828 farmers have planted maize and 19,859 planted sorghum in 2017 and 23,424 farmers planted maize while 15, 058 planted sorghum in 2019, and likewise there was more area planted under maize than sorghum between 2017 and 2019 agricultural seasons. Even though maize is more susceptible to extreme weather conditions, farmers preferred maize because it is not vulnerable to Quelea birds (Thaga), hence saving them some labor costs.

Area harvested also decreased from 51,030 hectares to 6,660 hectares. There was a sharp decline of 92.9 percent in maize production from 13,911 metric tons in 2017 to 987 metric tons in 2019. The decrease in production is attributed to low rains experienced in the year 2018/2019.

The **figure 2.3.2.2** below reflects area planted, area harvested and production for maize from year to year. The production trends between 2008 and 2019 agricultural seasons are clearly illustrated.

Figure 2.3.2.2: Maize: Area Planted & Harvested & Production from 2008 – 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Area Planted	88	121	110	151	141	124	130	65	62	39
Area Harvested	49	82	65	101	56	44	104	15	51	7
Production	8	13	11	29	7	3	29	4	14	1

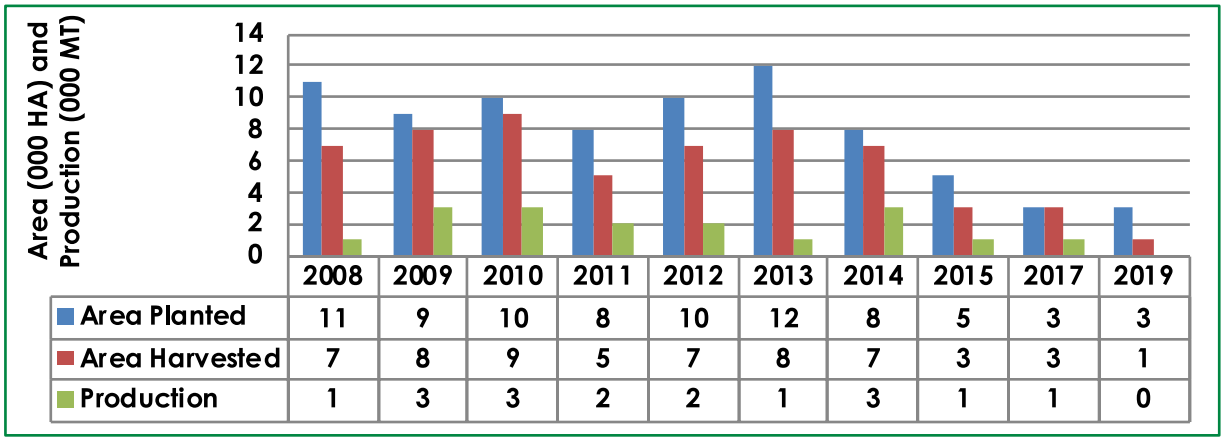
2.3.2.3 Millet

The total number of farmers who planted millet decreased from 6,243 in 2017 to 5,149 in 2019, which is 17.5 percent reduction **(Table 2.3.2)**. The area planted showed a slight increase of 10.1 percent from 3,118 hectares in 2017 to 3,432 hectares in 2019. The area harvested decreased from 2,538 hectares in 2017 to 1,604 in 2019, which is 36.8 percent reduction.

Despite an increase in the area planted of 10.1 percent, total production of millet decreased significantly by 71.5 percent from 1,099 metric tons in 2017 to 313 metric tons in 2019. The yield per hectare planted also decreased from 352kg/ha in 2017 to 91kg/ha in 2019 **(Table 2.3.2)**. Millet performed better than sorghum, maize and beans in terms of yield in the traditional sector in 2019.

The **figure 2.3.2.3** below provides an illustration of area planted, area harvested and total production for millet from 2008 to 2019 agricultural season.

Figure 2.3.2.3: Millet: Area Planted & Harvested & Production from 2008 - 2019



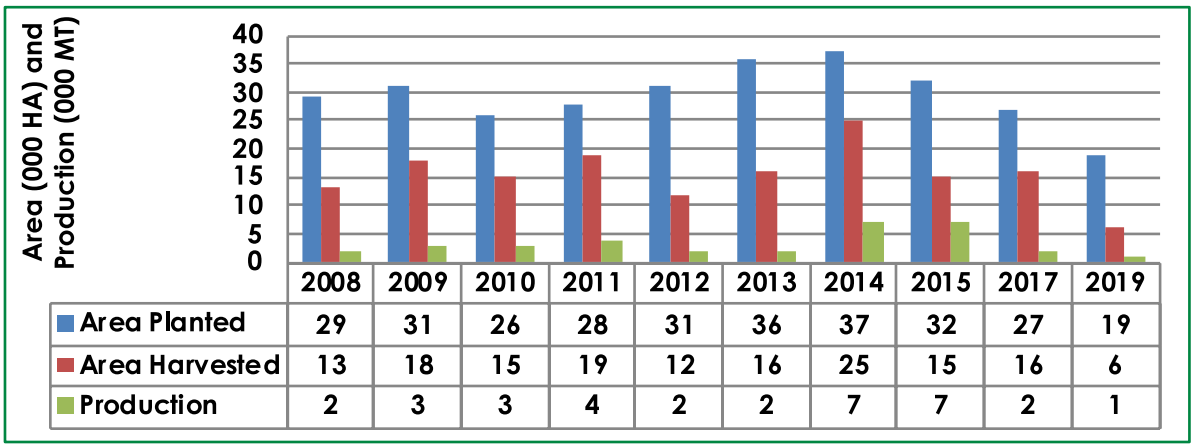
	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Area Planted	11	9	10	8	10	12	8	5	3	3
Area Harvested	7	8	9	5	7	8	7	3	3	1
Production	1	3	3	2	2	1	3	1	1	0

2.3.2.4 Beans/Pulses

The number of farmers who planted beans/pulses decreased by 21.8 percent from 35,628 in 2017 to 27,869 in 2019. The area planted and area harvested also went down by 30.5 percent and 63.7 percent respectively during the same period (Table 2.3.2). Pulses production dropped 4 folds from 2,348 metric tons in 2017 to 583 metric tons in 2019. The yield per hectare planted decreased from 86kg/ha in 2017 to 31kg/ha.

Figure 2.3.2.4 shows area planted, area harvested and production for pulses from 2008 to 2019 agricultural season.

Figure 2.3.2.4: Pulses: Area Planted & Harvested & Production from 2008 – 2019



	2008	2009	2010	2011	2012	2013	2014	2015	2017	2019
Area Planted	29	31	26	28	31	36	37	32	27	19
Area Harvested	13	18	15	19	12	16	25	15	16	6
Production	2	3	3	4	2	2	7	7	2	1

CHAPTER 3: CONCLUSION

In conclusion, the results of the 2019 agricultural survey show that cattle performance declined while goats and sheep depicted improved performance. Livestock production indicators showed some improvement except for cattle population, which depicted a decline. Cattle population dropped due to an increase in cattle deaths and cattle lost due to straying as well as stock theft. The good performance of the small-stock production indicators is attributable to the government programs such as LIMID and Poverty Eradication as well as low mortality recorded in 2019 for both goats and sheep.

The mortality in cattle was exacerbated by a severe drought that ravaged the country during the 2017/2018 and 2018/2019 seasons. Both the years 2017/18 and 2018/19 were declared drought years for the whole country (Botswana Environment Statistics, Natural and Technological Disasters Digest 2019). Notwithstanding the severe drought, small-stock performed relatively well, indicating that they are more resilient to drought compared to cattle. Therefore small-stock has proved to be an area where more investment could yield even better results.

The arable production on the other hand exhibited a sharp decline in production trends in all the four major crops compared to the 2017 annual agricultural survey results. Sorghum, Maize, Millet and Pulses all experienced substantial reduction in yield per hectare in 2019 compared to 2017. The area planted and harvested were also low, which translated into very low production figures for all the four major crops in 2019 in comparison to 2017. This indicates a direct relationship between rainfall / moisture availability and sustained crop production. Therefore, since 2017/18 and 2018/19 were drought years, the results of the 2019 survey reveal that there was insufficient moisture for crop growth during the period.

TIME SERIES DATA TABLES

TABLE 1.1: LIVESTOCK POPULATION TRENDS (Traditional & Commercial): ('000)

YEAR	CATTLE	GOATS	SHEEP	DONKEYS	HORSES	CHICKEN	PIGS	OSTRICH
1979	2,840	616	152	127	18	740	6	-
1980	2,911	638	149	130	22	833	6	-
1981	2,967	621	140	127	24	1,046	5	-
1982	2,979	636	140	138	24	1,146	5	-
1983	2,818	783	165	142	23	961	5	-
1984	2,685	889	167	139	23	714	7	-
1985	2,459	1,138	200	146	23	1,020	9	-
1986	2,332	1,332	229	142	24	1,179	11	-
1987	2,264	1,470	240	147	24	1,283	11	-
1988	2,408	1,691	259	150	28	1,810	13	-
1989	2,543	1,897	286	151	32	2,013	15	-
1990	2,696	2,092	317	158	34	2,126	16	-
1993	1,821	1,838	250	231	31	1,077	4	-
1995	2,530	2,624	337	303	35	3,157	1	-
1996	2,249	2,205	349	336	5	1,355	3	-
1997	2,212	2,615	409	404	7	1,191	2	-
1998	2,345	2,199	393	400	8	776	4	-
1999	2,581	1,916	369	373	5	874	4	-
2000	2,099	1,576	256	319	48	1,015	1	-
2001	2,468	1,887	306	409	5	928	5	-
2002	3,060	1,683	273	405	46	866	2	1
2003	2,028	1,355	220	493	41	650	4	3
2004	2,155	1,550	244	403	48	1,046	5	1
2006	2,071	1,630	229	371	41	1,639	8	1
2007	1,788	1,640	253	306	30	858	11	-
2008	2,220	1,879	303	366	37	1,170	10	2
2009	2,413	1,867	293	360	42	1,739	10	-
2010	2,635	1,938	279	339	41	1,761	3	2
2011	2,554	1,770	296	351	40	1,499	5	-
2012	2,247	1,650	294	290	36	1,130	24	1
2013	2,084	1,533	274	310	37	1,081	3	-
2014	1,597	1,606	227	227	27	1,017	11	-
2015	1,744	1,205	242	178	32	760	4	-
2017	1,100	1,200	235	140	15	710	1	-
2019	935	1,229	243	125	20	521	11	-

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.2: CATTLE PRODUCTION INDICATOR TRENDS: BIRTHS, DEATHS AND OFFTAKE RATES (%)

YEAR	BIRTH RATES		DEATH RATES		OFF-TAKE RATES	
	TRADITIONAL SECTOR	COMMERCIAL SECTOR	TRADITIONAL SECTOR	COMMERCIAL SECTOR	TRADITIONAL SECTOR	COMMERCIAL SECTOR
1979	58.4	63.4	10.9	3.6	8.8	17.7
1980	58.4	60.3	13.8	3.9	6.8	13.4
1981	57.5	54.1	13.6	4.0	7.2	12.1
1982	59.4	61.0	17.0	5.9	7.1	13.7
1983	52.8	56.2	17.8	8.9	8.0	24.7
1984	52.5	61.5	19.3	10.0	7.2	23.0
1985	54.3	56.0	23.6	6.2	10.3	22.4
1986	55.7	62.1	23.2	8.8	8.7	14.5
1987	58.5	49.4	22.7	6.3	7.2	14.9
1988	65.5	67.7	15.4	5.1	6.8	13.4
1989	61.9	65.0	12.9	5.0	7.6	16.0
1990	61.6	69.8	12.7	4.2	7.6	17.9
1993	57.0	56.1	32.0	6.7	10.2	58.4
1995	61.0	59.6	14.3	8.2	7.4	3.9
1996	58.4	64.0	4.9	3.5	7.9	23.4
1997	54.6	51.1	4.3	3.6	11.8	1.7
1998	59.9	51.5	6.1	4.5	6.3	13.9
1999	54.0	55.9	7.9	3.6	9.6	14.1
2000	51.3	33.2	6.0	2.6	10.6	1.6
2001	55.5	-	4.9	-	7.7	-
2002	55.9	45.8	5.4	4.8	6.8	15.0
2003	66.6	49.1	16.4	4.7	12.2	15.4
2004	54.4	49.4	12.7	4.8	8.1	12.3
2006	56.9	46.5	9.8	4.3	7.7	10.7
2007	61.3	41.4	8.5	4.5	8.7	18.2
2008	47.3	42.3	6.0	4.2	7.5	12.9
2009	57.8	44.2	5.8	3.4	8.8	10.9
2010	54.6	40.9	6.0	3.2	7.3	12.5
2011	54.4	38.9	6.6	1.6	6.0	13.5
2012	53.7	48.6	9.9	3.3	6.9	11.9
2013	52.1	40.0	12.9	8.0	7.7	10.0
2014	48.8	-	12.4	-	8.1	-
2015	58.0	52.0	7.0	3.0	7.0	12.0
2017	47.3	-	5.9	-	5.5	-
2019	56.5	-	10.9	-	7.0	-

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.3: GOATS PRODUCTION INDICATOR TRENDS: BIRTHS, DEATHS AND OFFTAKE RATES (%)

YEAR	BIRTH RATES		DEATH RATES		OFF-TAKE RATES	
	TRADITIONAL SECTOR	COMMERCIAL SECTOR	TRADITIONAL SECTOR	COMMERCIAL SECTOR	TRADITIONAL SECTOR	COMMERCIAL SECTOR
1979	42.1	36.7	45.9	17.5	9.3	15.8
1980	45.0	40.7	34.7	20.7	7.1	8.9
1981	44.0	40.1	32.1	24.7	7.0	13.2
1982	42.1	42.2	27.6	16.2	8.2	14.6
1983	44.6	38.5	22.5	23.1	6.2	12.0
1984	41.9	39.0	25.4	22.4	6.8	18.7
1985	40.6	37.3	19.7	19.2	5.7	12.0
1986	40.9	42.2	18.2	16.8	6.3	11.5
1987	40.3	37.8	20.9	18.0	7.2	14.9
1988	42.9	44.9	19.7	13.3	9.0	15.3
1989	41.4	47.2	19.5	11.6	10.9	23.1
1990	40.2	44.2	19.7	17.4	11.1	18.2
1993	49.6	42.5	38.4	22.8	9.8	12.4
1995	43.7	42.4	18.6	23.3	6.5	10.2
1996	43.3	41.6	22.7	27.9	7.7	17.4
1997	42.7	40.5	23.6	21.1	6.8	10.0
1998	46.4	34.7	30.6	21.3	9.0	12.8
1999	45.5	39.0	37.4	23.1	8.8	14.5
2000	45.3	42.1	22.4	17.2	6.9	7.1
2001	43.8	-	17.7	-	5.7	-
2002	42.6	38.4	26.8	27.7	6.5	10.7
2003	46.7	37.1	23.9	20.8	8.6	13.8
2004	48.2	37.9	21.9	20.7	7.2	9.7
2006	42.5	42.6	22.1	22.3	7.5	12.1
2007	42.3	36.6	16.3	16.4	6.6	6.8
2008	44.9	39.9	23.5	23.1	6.5	10.4
2009	43.5	37.6	19.8	13.2	6.9	9.5
2010	41.7	36.7	18.7	15.0	5.6	9.8
2011	41.5	39.5	24.1	21.1	10.9	5.8
2012	41.4	39.9	21.8	23.5	6.0	8.7
2013	42.3	40.0	22.8	25.0	7.0	10.0
2014	41.9	-	18.3	-	6.8	-
2015	44.0	39.0	17.0	16.0	7.0	10.0
2017	39.1	-	23.3	-	7.3	-
2019	39.2	-	18.9	-	6.6	-

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.4: SHEEP PRODUCTION INDICATOR TRENDS: BIRTHS, DEATHS AND OFFTAKE RATES (%)

YEAR	BIRTH RATES		DEATH RATES		OFF-TAKE RATES	
	TRADITIONAL SECTOR	COMMERCIAL SECTOR	TRADITIONAL SECTOR	COMMERCIAL SECTOR	TRADITIONAL SECTOR	COMMERCIAL SECTOR
1979	33.7	33.8	38.9	15.4	7.9	13.8
1980	45.4	39.3	32.1	16.6	16.7	5.5
1981	36.0	36.4	25.6	19.3	8.8	11.8
1982	39.8	29.6	38.1	17.5	7.8	10.0
1983	36.2	34.1	22.2	19.3	9.9	18.1
1984	35.8	38.3	23.9	26.0	10.5	26.4
1985	33.1	36.6	20.6	11.0	11.1	17.2
1986	33.9	39.9	13.1	21.5	4.8	9.2
1987	33.9	37.5	14.9	27.2	6.8	7.8
1988	34.8	34.3	20.0	13.1	7.5	19.3
1989	38.8	40.3	19.8	11.8	10.1	16.8
1990	42.6	38.5	21.3	18.1	11.3	14.3
1993	40.9	38.7	36.5	17.9	8.5	8.9
1995	35.0	37.2	17.2	18.4	6.2	22.0
1996	32.2	48.0	13.8	24.9	6.7	15.0
1997	32.8	32.9	16.6	14.9	6.6	11.4
1998	37.9	35.4	19.5	17.3	5.4	12.4
1999	41.9	31.1	28.3	12.4	5.9	5.0
2000	35.5	33.8	13.1	16.7	5.9	1.7
2001	33.4	-	14.9	-	5.6	-
2002	33.5	34.5	18.2	21.2	5.0	15.1
2003	37.2	31.4	20.3	11.9	9.4	13.4
2004	39.7	30.7	19.6	15.5	6.9	13.3
2006	32.9	35.1	17.6	15.2	5.9	12.8
2007	34.2	32.0	11.6	36.2	6.6	6.8
2008	35.3	30.6	13.4	14.6	5.5	7.5
2009	35.4	31.9	15.8	12.5	7.3	5.8
2010	32.7	31.8	13.6	6.5	4.7	8.6
2011	32.8	33.4	16.3	17.9	5.7	10.0
2012	33.0	35.0	14.5	16.2	4.6	10.7
2013	36.0	35.0	15.0	14.0	4.4	9.0
2014	35.1	-	15.1	-	2.7	-
2015	37.0	34.0	12.0	12.0	6.0	9.0
2017	33.6	-	16.1	-	3.9	-
2019	32.8	-	14.1	-	4.5	-

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.5: TRADITIONAL SECTOR : AREA PLANTED TRENDS ('000 HECTARES) BY CROP

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS
1979	67	50	13	26	5	4
1980	143	75	17	23	5	2
1981	136	81	20	26	1	3
1982	91	52	16	20	1	2
1983	125	57	16	21	-	1
1984	108	44	17	16	-	2
1985	119	48	15	16	3	1
1986	153	42	17	16	1	1
1987	195	43	14	15	1	2
1988	246	51	13	17	1	1
1989	237	76	20	28	1	1
1990	181	69	12	19	1	1
1993	138	84	15	27	2	1
1995	164	85	11	26	4	1
1996	191	134	11	35	-	2
1997	154	117	11	77	1	5
1998	65	88	9	32	-	11
1999	114	123	8	38	-	3
2000	106	123	5	35	1	4
2001	23	48	3	15	1	1
2002	66	95	3	30	-	2
2003	25	38	3	11	-	-
2004	48	63	7	15	-	-
2006	58	78	7	23	-	1
2007	30	40	6	18	1	3
2008	63	88	11	29	1	3
2009	67	121	9	31	1	3
2010	61	110	10	26	1	4
2011	70	151	13	29	14	2
2012	52	141	10	31	1	2
2013	62	124	12	36	1	2
2014	65	130	8	37	1	2
2015	23	62	5	23	-	2
2017	24	62	3	27	-	1
2019	17	39	3	19	1	1

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.6: TRADITIONAL SECTOR : AREA HARVESTED TRENDS ('000 HECTARES) BY CROP

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS
1979	41	19	8	14	4	2
1980	126	41	14	12	5	1
1981	118	54	13	15	1	2
1982	36	12	3	3	1	1
1983	34	16	6	3	-	-
1984	46	1	8	3	-	-
1985	78	7	10	3	-	1
1986	90	8	10	5	-	-
1987	103	3	5	2	-	-
1988	219	30	9	10	-	-
1989	184	45	11	16	-	1
1990	132	34	9	12	-	1
1993	67	22	11	9	1	1
1995	104	18	7	10	3	-
1996	164	100	9	25	-	1
1997	65	78	8	34	1	4
1998	26	24	5	13	-	9
1999	45	34	5	11	-	1
2000	53	78	3	22	1	2
2001	13	25	2	8	1	1
2002	31	35	-	11	-	-
2003	5	8	1	3	-	-
2004	39	43	6	8	-	-
2006	46	60	6	16	0	1
2007	7	8	2	3	0	0
2008	35	49	7	13	0	1
2009	47	82	8	18	1	2
2010	44	65	9	15	0	3
2011	49	101	11	20	14	1
2012	24	56	7	12	0	1
2013	34	44	8	16	-	1
2014	50	104	7	25	1	1
2015	8	13	3	6	-	1
2017	17	51	3	16	-	1
2019	5	7	2	6	-	-

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.7: TOTAL PRODUCTION TRENDS (METRIC TONNES) BY CROP (Traditional & Commercial)

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS
1979	5,000	3,000	1,000	1,000	900	200
1980	29,000	12,000	3,000	2,000	1,400	1,400
1981	28,000	22,000	2,000	3,000	1,200	2,000
1982	4,000	13,000	500	500	7,000	300
1983	5,000	9,000	500	300	200	800
1984	6,000	500	700	400	400	600
1985	15,000	1,500	1,800	400	500	800
1986	16,000	3,600	1,300	600	200	200
1987	18,000	3,300	400	100	100	100
1988	94,000	7,300	3,700	2,300	200	200
1989	53,000	20,000	2,000	2,500	200	500
1990	38,200	12,000	1,700	2,000	240	540
1993	10,797	2,976	1,624	530	113	126
1995	113,547	18,953	19,390	10,181	962	951
1996	59,200	24,629	2,508	3,914	39	551
1997	13,450	22,647	1,357	4,467	444	1,040
1998	3,743	2,344	507	1,198	1,267	121
1999	6,658	3,796	860	1,348	2,829	217
2000	12,671	19,962	439	4,102	163	545
2001	1,583	4,976	472	1,280	150	147
2002	15,805	16,447	54	1,907	2,250	137
2003	23,501	1,633	91	460	960	15
2004	6,095	4,291	958	1,093	479	119
2006	12,369	14,896	3,201	4,918	133	558
2007	11,774	2,158	532	805	2,558	76
2008	23,632	8,969	1,636	2,305	8,140	161
2009	29,379	19,247	2,757	4,317	1,765	1,538
2010	31,326	16,575	3,368	3,617	3,843	1,828
2011	32,591	29,235	2,511	4,700	15,837	833
2012	24,021	7,677	1,959	2,285	6,000	200
2013	10,231	3,844	1,391	3,655	2,021	112
2014	14,310	28,550	3,398	6,826	361	553
2015	35,508	3,792	555	7,187	1,388	151
2017	5,975	13,911	1,099	2,348	78	145
2019	826	987	313	583	73	6

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

TABLE 1.8: TRADITIONAL SECTOR: YIELD PER HECTARE PLANTED TRENDS (KG/HA) BY CROP

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS
1979	74	58	77	37	150	50
1980	197	150	176	83	200	280
1981	199	253	100	115	400	400
1982	43	203	31	25	350	150
1983	40	148	29	14	200	800
1984	53	10	41	24	200	150
1985	120	31	113	27	167	400
1986	99	82	74	33	211	129
1987	86	70	26	20	175	33
1988	338	141	225	128	200	282
1989	199	224	97	83	200	232
1990	185	147	135	98	300	257
1993	78	36	108	20	51	90
1995	685	220	1,708	394	197	856
1996	310	180	227	109	65	240
1997	67	189	129	58	147	193
1998	55	25	55	38	32	10
1999	47	30	109	36	69	73
2000	119	162	82	116	178	146
2001	68	104	141	87	156	100
2002	89	75	15	63	86	64
2003	37	42	36	41	24	23
2004	213	134	329	134	97	250
2006	211	191	444	218	313	442
2007	42	45	61	34	7	25
2008	82	95	132	69	158	49
2009	118	108	267	99	191	447
2010	101	96	301	111	180	429
2011	93	193	195	133	437	334
2012	144	53	153	63	165	91
2013	71	22	109	7	169	71
2014	220	220	400	182	263	337
2015	83	23	103	35	209	71
2017	251	225	353	86	216	98
2019	48	25	91	31	103	10

Figures for 1991 -1992, 1994 not available, 2001, 2014, 2017 and 2019 are traditional sector only, 2005 are commercial sector only

ANNUAL AGRICULTURAL SURVEYS SUMMARY

TABLE 2.1: SUMMARY OF TRADITIONAL SECTORS LIVESTOCK STATISTICS

INDICATORS		2014 TRADITIONAL	2015 TRADITIONAL	2017 TRADITIONAL	2019 TRADITIONAL
CATTLE:-	TOTAL HOLDINGS	65,853	37,753	33,819	29,355
	TOTAL CATTLE	1,596,605	1,360,467	1,100,375	934,732
	TOTAL COWS	710,704	599,420	494,229	420,873
	TOTAL BIRTHS	347,128	347,297	233,736	237,974
	TOTAL DEATHS	197,765	97,099	64,447	102,255
	TOTAL SALES	122,426	81,716	51,734	58,388
	TOTAL HOME SLAUGHTER	24,745	20,427	18,991	13,939
	TOTAL PURCHASES	17,725	12,263	10,145	6,660
	OFFTAKE	129,446	89,879	60,580	65,667
	OFFTAKE RATE	8.1	6.6	5.5	7.0
	BIRTH RATE	48.8	57.9	47.3	56.5
	DEATH RATE	12.4	7.1	5.9	10.9
GOATS:-	TOTAL HOLDINGS	76,913	43,853	58,332	42,179
	TOTAL GOATS	1,605,642	1,143,251	1,199,661	1,228,744
	TOTAL BIRTHS	672,844	498,855	469,240	482,226
	TOTAL DEATHS	293,144	191,487	279,215	231,798
	TOTAL SALES	71,656	53,185	44,043	50,972
	TOTAL HOME SLAUGHTER	56,441	44,364	48,299	47,969
	TOTAL PURCHASES	18,452	16,598	4,843	17,650
	OFFTAKE	109,645	80,951	87,499	81,291
	OFFTAKE RATE	6.8	7.1	7.3	6.6
	BIRTH RATE	41.9	43.6	39.1	39.2
	DEATH RATE	18.3	16.7	23.3	18.9
SHEEP:-	TOTAL HOLDINGS	18,690	12,362	12,992	11,905
	TOTAL SHEEP	227,247	214,234	234,621	242,911
	TOTAL BIRTHS	79,759	78,540	78,831	79,669
	TOTAL DEATHS	34,223	24,990	37,672	34,369
	TOTAL SALES	8,369	10,152	7,949	13,230
	TOTAL HOME SLAUGHTER	7,405	7,230	7,026	8,919
	TOTAL PURCHASES	9,663	4,007	5,821	3,454
	OFFTAKE	6,111	13,375	9,154	18,695
	OFFTAKE RATE	2.7	6.2	3.9	7.7
	BIRTH RATE	35.1	36.7	33.6	32.8
	DEATH RATE	15.1	11.7	16.1	14.1
OTHER LIVESTOCK:-	TOTAL DONKEYS HOLDINGS	39,470	27,679	24,630	21,824
	TOTAL DONKEYS	227,200	174,392	140,215	125,374
	TOTAL MULES HOLDINGS	-	-	-	192
	TOTAL MULES	-	-	-	426
	TOTAL HORSE HOLDINGS	7,116	6,893	4,219	4,637
	TOTAL HORSES	26,827	26,608	15,402	19,604
	TOTAL PIG HOLDINGS	1,742	433	222	484
	TOTAL PIGS	11,104	3,286	1,437	10,988
	TOTAL OSTRICH HOLDINGS	-	-	-	-
	TOTAL OSTRICHES	-	-	-	-
	TOTAL CHICKEN HOLDINGS	71,027	37,305	42,648	34,464
	TOTAL CHICKENS	1,017,444	569,935	709,829	520,893

TABLE 2.2: SUMMARY OF TRADITIONAL SECTORS CROP STATISTICS

INDICATORS		2014 TRADITIONAL	2015 TRADITIONAL	2017 TRADITIONAL	2019 TRADITIONAL
LAND HOLDINGS:-	TOTAL HOLDINGS WITH LAND	76,562	41,043	35,173	30,212
	TOTAL LAND AREA (HA)	272,994	204,965	135,315	117,416
	TOTAL CROP HOLDINGS	72,322	30,150	33,399	24,396
	TOTAL AREA PLANTED (HA)	255,462	123,251	126,821	88,288
	TOTAL HOLDINGS HARVESTED	-	-	28,585	10,956
	TOTAL AREA HARVESTED (HA)	196,399	32,641	92,942	22,866
SORGHUM:-	TOTAL HOLDINGS	42,466	18,226	19,859	15,058
	TOTAL AREA PLANTED (HA)	65,053	23,223	23,766	17,126
	TOTAL AREA HARVESTED (HA)	50,198	7,925	16,512	5,136
	TOTAL PRODUCTION (METRIC TONS)	14,310	1,927	5,975	826
	AVERAGE YIELD PER HECTARE PLANTED (KG)	220	83	251	48
	AVERAGE YIELD PER HECTARE HARVESTED (KG)	285	243	362	161
MAIZE:-	TOTAL HOLDINGS	68,142	31,154	34,828	23,424
	TOTAL AREA PLANTED (HA)	130,042	61,803	61,706	39,201
	TOTAL AREA HARVESTED (HA)	104,197	13,318	51,030	6,660
	TOTAL PRODUCTION (METRIC TONS)	28,550	1,417	13,911	987
	YIELD PER HECTARE PLANTED (KG)	220	23	225	25
	YIELD PER HECTARE HARVESTED (KG)	274	106	273	148
MILLET:-	TOTAL HOLDINGS	16,170	6,565	6,243	5,149
	TOTAL AREA PLANTED (HA)	8,490	4,981	3,118	3,432
	TOTAL AREA HARVESTED (HA)	6,850	2,750	2,538	1,604
	TOTAL PRODUCTION (METRIC TONS)	3,398	513	1,099	313
	YIELD PER HECTARE PLANTED (KG)	400	103	352	91
	YIELD PER HECTARE HARVESTED (KG)	496	187	433	195
BEANS/PULSES:-	TOTAL HOLDINGS	64,876	36,595	35,628	27,869
	TOTAL AREA PLANTED (HA)	37,413	22,573	27,251	18,950
	TOTAL AREA HARVESTED (HA)	25,185	5,639	15,701	5,700
	TOTAL PRODUCTION (METRIC TONS)	6,826	796	2,348	583
	YIELD PER HECTARE PLANTED (KG)	182	35	86	31
	YIELD PER HECTARE HARVESTED (KG)	271	141	150	102
GROUNDNUTS:-	TOTAL HOLDINGS	10,761	7,089	4,062	2,541
	TOTAL AREA PLANTED (HA)	1,642	2,111	1,476	629
	TOTAL AREA HARVESTED (HA)	1,239	631	896	248
	TOTAL PRODUCTION (METRIC TONS)	553	150	145	6
	YIELD PER HECTARE PLANTED (KG)	337	71	98	10
	YIELD PER HECTARE HARVESTED (KG)	446	238	162	24
SUNFLOWER:-	TOTAL HOLDINGS	2,158	1,428	822	848
	TOTAL AREA PLANTED (HA)	1,372	328	360	709
	TOTAL AREA HARVESTED (HA)	1,272	235	295	453
	TOTAL PRODUCTION (METRIC TONS)	361	68	78	73
	YIELD PER HECTARE PLANTED (KG)	263	207	217	103
	YIELD PER HECTARE HARVESTED (KG)	284	289	264	161

TABLE 2.3:TRADITIONAL: LAND, CROP, CATTLE, GOATS AND SHEEP HOLDINGS BY DISTRICT

District	Total Holdings	Holdings with Land	Crop Holdings	Cattle Holdings	Goat Holdings	Sheep Holdings
Ngwaketse	4,897	2,989	2,315	3,061	4,126	1,811
Barolong	4,579	1,936	1,550	2,136	3,752	1,035
Ngwaketse West	379	200	149	222	251	116
South East	847	461	406	280	785	189
Kweneng East	7,819	5,336	4,518	3,290	6,841	2,425
Kweneng West	2,804	1,247	1,121	1,710	2,176	579
Kgatleng	2,952	1,418	1,215	2,110	2,206	756
Central Serowe/ Palapye	3,679	1,795	1,548	2,686	3,007	810
Central Mahalapye	4,535	2,742	2,630	1,861	2,915	588
Central Bobonong	2,526	1,404	1,286	1,547	2,216	804
Central Boteti	1,413	366	238	1,067	1,265	399
Central Tutume	3,554	1,698	1,267	2,012	2,990	699
North East	5,711	4,298	3,631	1,925	4,061	435
Ngamiland East	2,026	744	485	1,312	1,626	410
Ngamiland West	4,135	2,880	1,580	2,335	1,711	30
Chobe	462	356	317	98	242	6
Ghanzi	1,267	259	113	855	879	329
Kgalagadi South	974	26	-	651	851	662
Kgalagadi North	350	58	26	198	279	75
TOTAL TRADITIONAL	**54,907**	**30,212**	**24,396**	**29,355**	**42,179**	**12,156**

HOLDERS AND THEIR CHARACTERISTICS:
TRADITIONAL SECTOR:

TABLE 3.1: NUMBER OF HOLDERS BY GENDER AND DISTRICT

District	Male		Female		Total Number of Holders
	Number	Percentage	Number	Percentage	
Ngwaketse	3,291	9.5	1,606	7.9	**4,897**
Barolong	2,345	6.8	2,234	11.0	**4,579**
Ngwaketse West	299	0.9	80	0.4	**379**
South East	618	1.8	229	1.1	**847**
Kweneng East	5,281	15.2	2,537	12.5	**7,819**
Kweneng West	1,894	5.5	910	4.5	**2,804**
Kgatleng	2,496	7.2	455	2.3	**2,952**
Central Serowe/ Palapye	2,703	7.8	976	4.8	**3,679**
Central Mahalapye	2,716	7.8	1,819	9.0	**4,535**
Central Bobonong	1,610	4.6	917	4.5	**2,526**
Central Boteti	973	2.8	440	2.2	**1,413**
Central Tutume	2,296	6.6	1,258	6.2	**3,554**
North East	2,568	7.4	3,143	15.5	**5,711**
Ngamiland East	1,379	4.0	646	3.2	**2,026**
Ngamiland West	2,300	6.6	1,835	9.1	**4,135**
Chobe	235	0.7	227	1.1	**462**
Ghanzi	871	2.5	395	2.0	**1,267**
Kgalagadi South	594	1.7	380	1.9	**974**
Kgalagadi North	204	0.6	146	0.7	**350**
TOTAL TRADITIONAL	**34,673**	**100.0**	**20,234**	**100.0**	**54,907**

TABLE 3.2: NUMBER OF HOLDERS BY MARITAL STATUS AND DISTRICT

District	Never Married	Married	Living Together	Separated	Divorced	Widowed	Total Holders
Ngwaketse	1,291	1,954	784	26	109	733	**4,897**
Barolong	1,365	1,577	523	86	78	950	**4,579**
Ngwaketse West	64	210	89	-	-	16	**379**
South East	223	463	24	10	2	126	**847**
Kweneng East	1,865	3,491	1,123	18	91	1,231	**7,819**
Kweneng West	639	1,327	498	10	37	294	**2,804**
Kgatleng	643	1,721	141	10	66	371	**2,952**
Central Serowe/ Palapye	583	1,920	506	57	104	510	**3,679**
Central Mahalapye	638	1,681	1,480	97	54	585	**4,535**
Central Bobonong	520	992	426	13	57	518	**2,526**
Central Boteti	340	603	231	4	57	178	**1,413**
Central Tutume	815	1,332	591	8	103	705	**3,554**
North East	1,394	1,811	667	9	227	1,603	**5,711**
Ngamiland East	628	805	396	14	11	172	**2,026**
Ngamiland West	1,724	1,192	622	82	5	509	**4,135**
Chobe	138	58	159	4	-	103	**462**
Ghanzi	260	380	527	-	17	83	**1,267**
Kgalagadi South	252	437	42	4	15	223	**974**
Kgalagadi North	100	91	123	-	2	34	**350**
TOTAL TRADITIONAL	**13,481**	**22,045**	**8,953**	**452**	**1,033**	**8,944**	**54,907**

TABLE 3.3: NUMBER OF MALE HOLDERS BY MARITAL STATUS AND DISTRICT

District	Never Married	Married	Living Together	Separated	Divorced	Widowed	Total Holders
Ngwaketse	701	1,812	583	6	64	125	**3,291**
Barolong	424	1,356	346	71	56	92	**2,345**
Ngwaketse West	46	197	56	-	-	-	**299**
South East	172	421	10	10	2	3	**618**
Kweneng East	1,104	3,015	767	-	61	335	**5,281**
Kweneng West	265	1,250	294	10	7	68	**1,894**
Kgatleng	506	1,695	96	5	33	161	**2,496**
Central Serowe/ Palapye	346	1,864	282	57	82	71	**2,703**
Central Mahalapye	212	1,608	644	87	49	116	**2,716**
Central Bobonong	236	967	306	13	15	72	**1,610**
Central Boteti	198	569	135	4	15	52	**973**
Central Tutume	406	1,276	385	8	82	139	**2,296**
North East	269	1,568	426	-	60	244	**2,568**
Ngamiland East	366	742	218	4	2	47	**1,379**
Ngamiland West	790	1,089	378	15	-	28	**2,300**
Chobe	72	51	96	3	-	13	**235**
Ghanzi	136	323	370	-	5	38	**871**
Kgalagadi South	104	412	36	4	-	38	**594**
Kgalagadi North	33	86	69	-	2	13	**204**
TOTAL TRADITIONAL	**6,387**	**20,302**	**5,497**	**298**	**534**	**1,656**	**34,673**

TABLE 3.4: NUMBER OF FEMALE HOLDERS BY MARITAL STATUS AND DISTRICT

District	Never Married	Married	Living Together	Separated	Divorced	Widowed	Total Holders
Ngwaketse	590	142	201	20	45	609	**1,606**
Barolong	940	221	178	14	22	858	**2,234**
Ngwaketse West	18	12	33	-	-	16	**80**
South East	51	42	14	-	-	122	**229**
Kweneng East	761	476	356	18	30	896	**2,537**
Kweneng West	374	77	203	-	30	226	**910**
Kgatleng	136	26	46	5	33	210	**455**
Central Serowe/ Palapye	237	55	224	-	21	438	**976**
Central Mahalapye	426	74	836	10	5	469	**1,819**
Central Bobonong	284	25	120	-	42	446	**917**
Central Boteti	142	33	96	-	42	126	**440**
Central Tutume	409	56	206	-	21	566	**1,258**
North East	1,125	244	240	9	166	1,359	**3,143**
Ngamiland East	262	63	178	10	9	125	**646**
Ngamiland West	935	104	244	67	5	481	**1,835**
Chobe	66	7	63	1	-	90	**227**
Ghanzi	124	56	158	-	13	45	**395**
Kgalagadi South	148	25	7	-	15	185	**380**
Kgalagadi North	67	5	54	-	-	20	**146**
TOTAL TRADITIONAL	**7,094**	**1,743**	**3,457**	**154**	**498**	**7,288**	**20,234**

TABLE 3.5: NUMBER OF HOLDERS BY AGE GROUP AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-98	Age not known	Total holders
Ngwaketse	-	26	127	225	301	268	428	502	641	550	1,828	-	**4,897**
Barolong	-	15	33	135	227	272	290	507	552	734	1,815	-	**4,579**
Ngwaketse West	-	-	-	5	30	49	26	91	39	50	89	-	**379**
South East	-	-	10	23	48	20	43	101	75	100	428	-	**847**
Kweneng East	-	60	112	206	622	768	675	814	959	930	2,664	9	**7,819**
Kweneng West	-	9	7	113	173	281	302	350	370	247	943	8	**2,804**
Kgatleng	-	-	22	31	88	418	273	321	517	327	952	3	**2,952**
Central Serowe	47	-	10	115	209	228	499	325	368	541	1,337	-	**3,679**
Central Mahalapye	-	-	28	88	159	345	381	766	657	533	1,574	4	**4,535**
Central Bobonong	-	15	23	58	175	225	248	258	271	337	912	4	**2,526**
Central Boteti	7	4	17	88	151	72	139	189	240	168	339	-	**1,413**
Central Tutume	-	-	73	106	188	320	313	348	441	551	1,175	40	**3,554**
North East	-	-	26	172	237	442	411	522	584	663	2,640	15	**5,711**
Ngamiland East	4	15	36	137	188	262	143	154	317	244	524	-	**2,026**
Ngamiland West	2	39	102	229	520	423	443	339	380	411	1,242	3	**4,135**
Chobe	-	6	1	29	55	30	79	29	51	44	134	4	**462**
Ghanzi	-	29	114	75	154	137	150	161	169	93	185	-	**1,267**
Kgalagadi South	-	-	2	38	82	62	81	117	174	93	324	-	**974**
Kgalagadi North	-	-	19	19	35	65	59	46	22	35	51	-	**350**
TOTAL TRADITIONAL	**60**	**217**	**762**	**1,890**	**3,639**	**4,687**	**4,982**	**5,943**	**6,826**	**6,652**	**19,159**	**89**	**54,907**

TABLE 3.6: NUMBER OF HOLDERS BY TYPE OF HOLDING OPERATION AND DISTRICT

District	Holders Living Within The Holdings		Holders Not Living Within The Holdings		Other	Total Holders
	An individual living on site	Households with two or more persons living on site	An individual living elsewhere	Households with two or more persons living elsewhere		
Ngwaketse	2,227	1,322	747	583	19	**4,897**
Barolong	3,701	672	147	58	-	**4,579**
Ngwaketse West	199	-	180	-	-	**379**
South East	229	272	145	156	45	**847**
Kweneng East	3,139	2,220	1,401	998	61	**7,819**
Kweneng West	1,180	616	616	391	-	**2,804**
Kgatleng	601	802	538	974	37	**2,952**
Central Serowe/ Palapye	974	1,105	403	949	248	**3,679**
Central Mahalapye	1,241	1,638	307	635	714	**4,535**
Central Bobonong	842	628	314	546	197	**2,526**
Central Boteti	536	329	183	328	38	**1,413**
Central Tutume	1,267	822	798	613	54	**3,554**
North East	3,716	1,626	242	51	76	**5,711**
Ngamiland East	1,036	720	158	106	6	**2,026**
Ngamiland West	3,466	601	46	21	-	**4,135**
Chobe	301	126	29	6	-	**462**
Ghanzi	1,112	-	151	3	-	**1,267**
Kgalagadi South	358	245	197	173	-	**974**
Kgalagadi North	252	-	97	-	-	**350**
TOTAL TRADITIONAL	**26,375**	**13,743**	**6,702**	**6,592**	**1,496**	**54,907**

TABLE 3.7: NUMBER OF HOLDINGS BY HOLDERS' STATUS (FULLTIME FARMER OR NOT) AND DISTRICT

District	YES		NO		Total Holders
	Number	Percentage	Number	Percentage	
Ngwaketse	3,971	9.1	925	8.4	**4,897**
Barolong	3,775	8.6	804	7.3	**4,579**
Ngwaketse West	223	0.5	156	1.4	**379**
South East	723	1.6	124	1.1	**847**
Kweneng East	6,027	13.7	1,792	16.2	**7,819**
Kweneng West	2,310	5.3	494	4.5	**2,804**
Kgatleng	2,211	5.0	741	6.7	**2,952**
Central Serowe/ Palapye	2,949	6.7	730	6.6	**3,679**
Central Mahalapye	3,922	8.9	613	5.6	**4,535**
Central Bobonong	2,048	4.7	478	4.3	**2,526**
Central Boteti	1,126	2.6	287	2.6	**1,413**
Central Tutume	2,774	6.3	781	7.1	**3,554**
North East	4,186	9.5	1,525	13.8	**5,711**
Ngamiland East	1,749	4.0	277	2.5	**2,026**
Ngamiland West	3,646	8.3	489	4.4	**4,135**
Chobe	263	0.6	199	1.8	**462**
Ghanzi	1,005	2.3	261	2.4	**1,267**
Kgalagadi South	693	1.6	281	2.5	**974**
Kgalagadi North	278	0.6	72	0.7	**350**
TOTAL TRADITIONAL	**43,878**	**100.0**	**11,029**	**100.0**	**54,907**

TABLE 3.8: NUMBER OF HOLDINGS BY ACCESS TO WEATHER FORECAST INFORMATION AND UTILIZATION STATUS AND DISTRICT

District	WHETHER THE HOLDER HAS ACCESS		Total Holders	WHETHER THE HOLDER USES INFORMATION		Total Holders
	Yes	No		Yes	No	
Ngwaketse	3,668	1,229	**4,897**	3,332	336	**3,668**
Barolong	3,422	1,156	**4,579**	3,247	175	**3,422**
Ngwaketse West	264	115	**379**	214	50	**264**
South East	814	33	**847**	797	17	**814**
Kweneng East	5,076	2,743	**7,819**	4,529	547	**5,076**
Kweneng West	1,458	1,346	**2,804**	1,061	396	**1,458**
Kgatleng	2,714	237	**2,952**	2,439	276	**2,714**
Central Serowe/ Palapye	2,317	1,362	**3,679**	2,224	93	**2,317**
Central Mahalapye	2,923	1,612	**4,535**	2,454	469	**2,923**
Central Bobonong	1,919	608	**2,526**	1,853	66	**1,919**
Central Boteti	1,036	377	**1,413**	786	250	**1,036**
Central Tutume	2,674	880	**3,554**	2,269	405	**2,674**
North East	4,723	988	**5,711**	4,496	227	**4,723**
Ngamiland East	1,439	586	**2,026**	1,323	116	**1,439**
Ngamiland West	1,945	2,190	**4,135**	1,480	465	**1,945**
Chobe	410	52	**462**	382	27	**410**
Ghanzi	692	574	**1,267**	531	161	**692**
Kgalagadi South	707	267	**974**	641	66	**707**
Kgalagadi North	204	146	**350**	141	63	**204**
TOTAL TRADITIONAL	**38,403**	**16,504**	**54,907**	**34,199**	**4,204**	**38,403**

TABLE 3.9: NUMBER OF HOLDINGS BY AWARENESS OF CLIMATE CHANGE AND DISTRICT

District	Whether the holder is aware of the climate change		Total Holders
	Yes	No	
Ngwaketse	4,197	699	**4,897**
Barolong	3,414	1,165	**4,579**
Ngwaketse West	280	99	**379**
South East	847	-	**847**
Kweneng East	7,067	752	**7,819**
Kweneng West	2,478	326	**2,804**
Kgatleng	2,894	58	**2,952**
Central Serowe/ Palapye	3,486	193	**3,679**
Central Mahalapye	3,780	755	**4,535**
Central Bobonong	2,375	152	**2,526**
Central Boteti	1,360	53	**1,413**
Central Tutume	3,294	260	**3,554**
North East	5,435	276	**5,711**
Ngamiland East	1,641	384	**2,026**
Ngamiland West	3,291	844	**4,135**
Chobe	444	18	**462**
Ghanzi	747	520	**1,267**
Kgalagadi South	775	199	**974**
Kgalagadi North	262	88	**350**
TOTAL TRADITIONAL	**48,066**	**6,842**	**54,907**

TABLE 3.10: NUMBER OF HOLDINGS BY TYPE OF CLIMATE CHANGES NOTICED OVER YEARS AND DISTRICT

District	Shift in Seasons	Out Break of Diseases / Pests	Heavy Falls	Severe Drought	None
Ngwaketse	2,742	193	141	2,278	98
Barolong	2,056	103	115	2,610	12
Ngwaketse West	270	-	-	178	-
South East	673	115	125	762	-
Kweneng East	5,936	188	477	2,382	9
Kweneng West	1,095	12	78	1,462	11
Kgatleng	1,894	653	845	2,205	-
Central Serowe/ Palapye	2,311	218	361	1,462	184
Central Mahalapye	907	47	352	3,173	178
Central Bobonong	992	188	130	1,608	16
Central Boteti	841	7	10	738	216
Central Tutume	1,973	118	60	1,922	-
North East	3,673	87	122	3,557	184
Ngamiland East	1,450	12	24	653	17
Ngamiland West	677	28	23	2,693	26
Chobe	189	-	1	322	-
Ghanzi	378	-	-	694	-
Kgalagadi South	543	23	-	600	6
Kgalagadi North	135	-	4	241	-
TOTAL TRADITIONAL	**28,736**	**1,992**	**2,868**	**29,542**	**955**

TABLE 3.11: NUMBER OF HOLDINGS BY RELIABLE WATER SOURCE FOR LIVESTOCK WATERING AND DISTRICT

District/Region	Borehole	Well/Petse	Dam	River	Lecha (Pan)	Pond (Mogobe)	Aldep Tank	Total Holders
Ngwaketse	2,474	35	1,541	715	27	-	-	**4,793**
Barolong	2,829	64	1,442	63	49	6	11	**4,465**
Ngwaketse West	295	39	-	-	-	-	-	**334**
South East	486	-	114	225	-	-	23	**847**
Kweneng East	4,157	1,009	1,597	897	-	-	-	**7,661**
Kweneng West	2,456	10	126	-	13	-	-	**2,605**
Kgatleng	2,185	19	210	298	10	69	65	**2,856**
Central Serowe/ Palapye	1,984	792	495	227	1	9	16	**3,524**
Central Mahalapye	3,043	427	74	352	-	9	7	**3,912**
Central Bobonong	683	858	108	764	20	14	10	**2,458**
Central Boteti	969.2	129.2	54.7	248.6	-	-	-	**1,402**
Central Tutume	1,550	557	657	496	70	20	-	**3,350**
North East	779	149	2,595	1,051	89	114	41	**4,818**
Ngamiland East	1,039	251	-	625	30	7	7	**1,960**
Ngamiland West	365	937	-	2,130	-	-	5	**3,438**
Chobe	257	30	8	16	-	6	-	**316**
Ghanzi	1,219	5	5	-	3	-	-	**1,232**
Kgalagadi South	878	71	15	-	-	-	-	**964**
Kgalagadi North	318	-	-	-	14	-	-	**332**
TOTAL TRADITIONAL	**27,969**	**5,383**	**9,042**	**8,109**	**327**	**252**	**184**	**51,267**

TABLE 3.12: NUMBER OF HOLDINGS BY OWNERSHIP OF LIVESTOCK WATER SUPPLY AND DISTRICT

District	Self	Family	Syndicate	Community	Government	Other
Ngwaketse	698	247	738	1,586	666	859
Barolong	229	134	372	1,273	1,074	1,383
Ngwaketse West	28	-	110	14	73	109
South East	32	-	403	238	66	109
Kweneng East	520	267	537	1,668	1,319	3,351
Kweneng West	167	11	915	138	568	806
Kgatleng	229	51	1,407	391	159	636
Central Serowe/ Palapye	666	503	66	722	246	1,317
Central Mahalapye	556	762	211	127	1,301	945
Central Bobonong	1,198	334	85	82	207	548
Central Boteti	501	312	28	234	70	256
Central Tutume	502	369	172	851	312	1,147
North East	248	14	130	2,061	1,240	1,125
Ngamiland East	376	408	142	190	115	729
Ngamiland West	438	569	21	69	184	2,157
Chobe	18	27	-	30	198	41
Ghanzi	44	42	405	106	498	137
Kgalagadi South	26	74	567	105	84	107
Kgalagadi North	14	-	74	24	190	30
TOTAL TRADITIONAL	**6,488**	**4,125**	**6,383**	**9,908**	**8,570**	**15,792**

TABLE 3.13: NUMBER OF HOLDINGS BY BOREHOLE SOURCE (LIVESTOCK) OF ENERGY AND DISTRICT

District	Solar	Petrol	Diesel	Electricity	Wind	Total Holders
Ngwaketse	257	26	2,068	125	-	2,474
Barolong	18	39	2,527	246	-	2,829
Ngwaketse West	38	18	229	11	-	295
South East	-	-	459	26	-	486
Kweneng East	227	221	2,633	1,044	32	4,157
Kweneng West	137	43	2,196	80	-	2,456
Kgatleng	105	34	1,949	98	-	2,185
Central Serowe/ Palapye	146	406	1,356	76	-	1,984
Central Mahalapye	122	324	2,307	288	3	3,043
Central Bobonong	56	286	328	13	-	683
Central Boteti	57	508	386	18	-	969
Central Tutume	58	420	866	206	-	1,550
North East	11	18	269	481	-	779
Ngamiland East	16	146	868	9	-	1,039
Ngamiland West	63	119	166	16	2	365
Chobe	3	5	233	16	-	257
Ghanzi	63	-	1,027	129	-	1,219
Kgalagadi South	28	-	602	247	-	878
Kgalagadi North	2	-	304	12	-	318
TOTAL TRADITIONAL	**1,407**	**2,613**	**20,772**	**3,141**	**36**	**27,969**

TABLE 3.14: NUMBER OF HOLDINGS BY LIVESTOCK FEEDS STATUS AND DISTRICT

District	SUPPLEMENTARY FEED - CATTLE			SUPPLEMENTARY FEED - GOATS			SUPPLEMENTARY FEED - SHEEP		
	Yes	No	Total Cattle Holdings	Yes	No	Total Goat Holdings	Yes	No	Total Sheep Holdings
Ngwaketse	1,677	1,421	**3,098**	1,289	2,881	**4,170**	652	1,197	**1,849**
Barolong	1,252	884	**2,136**	1,583	2,199	**3,782**	592	450	**1,041**
Ngwaketse West	140	88	**229**	124	127	**251**	70	46	**116**
South East	190	94	**284**	283	511	**795**	69	142	**211**
Kweneng East	1,617	1,715	**3,332**	1,765	5,076	**6,841**	757	1,668	**2,425**
Kweneng West	1,033	690	**1,723**	599	1,613	**2,212**	245	340	**585**
Kgatleng	979	1,131	**2,110**	720	1,486	**2,206**	350	412	**762**
Central Serowe/ Palapye	1,013	1,685	**2,698**	576	2,448	**3,024**	302	508	**810**
Central Mahalapye	673	1,191	**1,864**	431	2,490	**2,922**	151	444	**595**
Central Bobonong	449	1,098	**1,547**	475	1,741	**2,216**	238	566	**804**
Central Boteti	370	697	**1,067**	490	776	**1,265**	121	109	**230**
Central Tutume	641	1,372	**2,014**	461	2,529	**2,990**	154	549	**702**
North East	511	1,422	**1,933**	625	3,470	**4,094**	123	312	**435**
Ngamiland East	291	1,084	**1,375**	288	1,366	**1,654**	71	339	**410**
Ngamiland West	623	1,722	**2,345**	331	1,384	**1,715**	4	26	**30**
Chobe	17	81	**98**	41	201	**242**	6	-	**6**
Ghanzi	427	436	**863**	256	622	**879**	151	178	**329**
Kgalagadi South	371	281	**651**	440	411	**851**	364	219	**583**
Kgalagadi North	63	139	**202**	83	196	**279**	25	50	**75**
TOTAL TRADITIONAL	**12,337**	**17,231**	**29,567**	**10,859**	**31,528**	**42,387**	**4,444**	**7,554**	**11,998**

TABLE 3.15: NUMBER OF HOLDINGS BY CATTLE VACCINATION AND DISTRICT

District	WHETHER CATTLE VACCINATED				Total Cattle Holdings
	Yes	Percentage	No	Percentage	
Ngwaketse	2,275	10.9	823	9.4	**3,098**
Barolong	1,661	8.0	474	5.4	**2,136**
Ngwaketse West	158	0.8	71	0.8	**229**
South East	206	1.0	77	0.9	**284**
Kweneng East	1,842	8.8	1,490	17.1	**3,332**
Kweneng West	882	4.2	841	9.6	**1,723**
Kgatleng	1,242	6.0	869	10.0	**2,110**
Central Serowe/ Palapye	2,207	10.6	492	5.6	**2,698**
Central Mahalapye	1,006	4.8	858	9.8	**1,864**
Central Bobonong	1,077	5.2	470	5.4	**1,547**
Central Boteti	474	2.3	593	6.8	**1,067**
Central Tutume	1,330	6.4	684	7.8	**2,014**
North East	1,690	8.1	243	2.8	**1,933**
Ngamiland East	1,229	5.9	146	1.7	**1,375**
Ngamiland West	2,168	10.4	177	2.0	**2,345**
Chobe	98	0.5	-	-	**98**
Ghanzi	622	3.0	241	2.8	**863**
Kgalagadi South	519	2.5	132	1.5	**651**
Kgalagadi North	158	0.8	44	0.5	**202**
TOTAL TRADITIONAL	**20,843**	**100.0**	**8,724**	**100.0**	**29,567**

TABLE 3.16: NUMBER OF HOLDINGS BY TYPE OF CATTLE DISEASES CONTROLLED AND DISTRICT

District	Anthrax	Blackleg	Botutism	Brucellosis	Foot & Mouth	Lumpy Skin	Ticks and Worms	Pasteurellosis	Heart Water	Other Disease
Ngwaketse	1,588	1,728	487	749	-	39	119	368	9	44
Barolong	1,232	1,120	671	656	4	53	61	162	38	-
Ngwaketse West	39	39	28	31	-	43	23	69	-	26
South East	124	137	-	117	-	-	46	13	-	-
Kweneng East	519	637	244	321	-	36	118	901	33	170
Kweneng West	80	93	176	14	11	119	94	734	-	51
Kgatleng	638	768	53	367	-	34	421	482	10	4
Central Serowe	1,856	1,773	449	882	36	123	397	330	53	31
Central Mahalapye	656	500	51	155	2	111	236	362	29	28
Central Bobonong	458	621	52	132	20	30	334	101	9	2
Central Boteti	145	96	34	37	15	9	70	248	18	56
Central Tutume	1,011	1,086	270	679	6	-	207	104	12	10
North East	1,256	1,419	170	480	217	12	66	102	20	-
Ngamiland East	275	271	-	24	1,216	-	8	14	-	5
Ngamiland West	1,958	123	3	10	2,148	-	13	9	4	100
Chobe	34	47	-	21	88	14	17	-	8	-
Ghanzi	298	207	152	34	-	59	124	451	-	8
Kgalagadi South	327	353	82	43	-	91	21	45	2	30
Kgalagadi North	50	73	68	10	-	34	6	96	-	-
TOTAL TRADITIONAL	**12,544**	**11,091**	**2,991**	**4,763**	**3,762**	**807**	**2,382**	**4,589**	**244**	**566**

TABLE 3.17: NUMBER OF HOLDINGS WITH EMPLOYED FARM WORKERS AND DISTRICT

District	YES	NO	Total Holders
Ngwaketse	1,513	3,384	**4,897**
Barolong	527	4,052	**4,579**
Ngwaketse West	158	221	**379**
South East	98	749	**847**
Kweneng East	2,103	5,715	**7,819**
Kweneng West	900	1,904	**2,804**
Kgatleng	1,448	1,503	**2,952**
Central Serowe/ Palapye	1,276	2,403	**3,679**
Central Mahalapye	929	3,606	**4,535**
Central Bobonong	834	1,692	**2,526**
Central Boteti	514	899	**1,413**
Central Tutume	1,568	1,986	**3,554**
North East	407	5,304	**5,711**
Ngamiland East	159	1,867	**2,026**
Ngamiland West	269	3,866	**4,135**
Chobe	30	432	**462**
Ghanzi	103	1,164	**1,267**
Kgalagadi South	254	719	**974**
Kgalagadi North	100	250	**350**
TOTAL TRADITIONAL	**13,191**	**41,717**	**54,907**

TABLE 3.18A: NUMBER OF FARM WORKERS BY MARITAL STATUS, GENDER AND DISTRICT

District	Never Married		Married		Living Together		Separated		Divorced		Widowed		Total Workers		Total workers
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Ngwaketse	1,155	43	75	11	337	22	3	-	-	-	20	1	1,591	77	**1,668**
Barolong	406	9	20	4	139	5	-	-	-	-	3	-	567	17	**584**
Ngwaketse West	68	1	3	-	110	1	-	-	-	-	-	-	181	2	**184**
South East	62	-	7	-	30	-	-	-	-	-	-	-	98	-	**98**
Kweneng East	1,495	49	55	2	588	75	-	-	-	-	-	8	2,138	134	**2,272**
Kweneng West	682	22	46	-	274	22	-	-	-	2	6	-	1,008	46	**1,054**
Kgatleng	1,163	15	141	30	199	21	17	-	4	-	-	-	1,525	66	**1,591**
Central Serowe	714	68	103	-	603	58	-	-	-	-	11	3	1,431	128	**1,559**
Central Mahalapye	445	3	64	-	440	76	18	-	2	-	14	-	983	79	**1,061**
Central Bobonong	541	10	48	-	311	19	-	-	4	-	-	-	905	30	**934**
Central Boteti	351	43	15	-	178	25	-	-	-	-	-	-	543	67	**610**
Central Tutume	1,091	6	106	-	524	51	-	-	-	-	-	-	1,721	57	**1,779**
North East	228	34	28	6	161	2	8	-	-	-	-	-	425	43	**468**
Ngamiland East	111	-	9	-	50	-	-	-	2	-	-	-	172	-	**172**
Ngamiland West	154	-	13	-	133	-	-	-	-	-	-	-	299	-	**299**
Chobe	49	-	4	-	8	-	-	-	-	-	1	-	62	-	**62**
Ghanzi	46	-	3	-	60	-	-	-	-	-	-	-	109	-	**109**
Kgalagadi South	259	-	6	-	22	-	-	-	-	-	-	-	287	-	**287**
Kgalagadi North	59	4	2	-	42	-	-	-	-	-	-	-	102	4	**107**
TOTAL TRADITIONAL	**9,078**	**306**	**747**	**53**	**4,209**	**378**	**46**	**-**	**13**	**2**	**55**	**12**	**14,148**	**750**	**14,898**

TABLE 3.18B: NUMBER OF FARM WORKERS BY AGE GROUP AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-49	50-59	60-64	65-99	Total Workers
Ngwaketse	35	219	293	276	175	300	160	60	149	**1,668**
Barolong	9	53	55	82	89	164	71	8	54	**584**
Ngwaketse West	-	23	11	50	21	54	9	5	10	**184**
South East	-	23	3	23	23	17	10	-	-	**98**
Kweneng East	59	406	291	488	256	398	156	45	173	**2,272**
Kweneng West	33	174	256	162	106	207	62	13	40	**1,054**
Kgatleng	37	314	198	193	229	278	270	32	40	**1,591**
Central Serowe	25	262	187	311	256	279	138	23	78	**1,559**
Central Mahalapye	10	111	180	179	143	197	112	59	71	**1,061**
Central Bobonong	24	154	165	203	109	188	71	3	18	**934**
Central Boteti	27	90	129	101	99	120	18	8	18	**610**
Central Tutume	32	365	341	286	236	277	143	64	34	**1,779**
North East	-	45	83	68	19	135	69	49	-	**468**
Ngamiland East	4	18	40	19	27	55	10	-	-	**172**
Ngamiland West	-	16	53	86	72	57	-	12	4	**299**
Chobe	-	8	22	-	4	9	5	-	13	**62**
Ghanzi	7	3	27	24	21	9	14	-	3	**109**
Kgalagadi South	5	27	25	67	56	46	28	31	2	**287**
Kgalagadi North	-	9	40	23	14	10	8	2	-	**107**
TOTAL TRADITIONAL	**306**	**2,319**	**2,400**	**2,641**	**1,956**	**2,800**	**1,353**	**414**	**708**	**14,898**

TABLE 3.18C: NUMBER OF FARM WORKERS BY EDUCATION ATTAINMENT, GENDER AND DISTRICT

District	Never Attended School		Primary		Primary Not Known		Secondary		Secondary Not Known		Non-Formal		Total workers		Total workers
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Ngwaketse	618	33	473	32	-	-	497	12	2	-	-	-	**1,591**	**77**	**1,668**
Barolong	216	8	176	6	-	-	176	3	-	-	-	-	**567**	**17**	**584**
Ngwaketse West	90	-	50	2	-	-	41	-	-	-	-	-	**181**	**2**	**183**
South East	7	-	26	-	-	-	65	-	-	-	-	-	**98**	**-**	**98**
Kweneng East	536	24	645	61	-	-	944	37	13	-	-	13	**2,138**	**134**	**2,272**
Kweneng West	365	22	323	2	-	-	313	22	-	-	7	-	**1,008**	**46**	**1,054**
Kgatleng	421	25	466	8	-	-	638	34	-	-	-	-	**1,525**	**66**	**1,591**
Central Serowe	390	22	472	52	-	-	563	55	-	-	6	-	**1,431**	**128**	**1,559**
Central Mahalapye	299	45	324	11	-	-	336	22	3	-	21	-	**983**	**79**	**1,061**
Central Bobonong	243	5	204	15	-	-	447	10	-	-	10	-	**905**	**30**	**935**
Central Boteti	143	17	203	22	7	-	189	28	-	-	1	-	**543**	**67**	**610**
Central Tutume	414	4	713	25	-	-	590	28	4	-	-	-	**1,721**	**57**	**1,778**
North East	89	2	187	24	-	-	149	5	-	11	-	-	**425**	**43**	**468**
Ngamiland East	52	-	54	-	6	-	60	-	-	-	-	-	**172**	**-**	**172**
Ngamiland West	68	-	108	-	-	-	123	-	-	-	-	-	**299**	**-**	**299**
Chobe	4	-	10	-	13	-	33	-	2	-	-	-	**62**	**-**	**62**
Ghanzi	40	-	22	-	-	-	46	-	-	-	-	-	**109**	**-**	**109**
Kgalagadi South	80	-	88	-	-	-	119	-	-	-	-	-	**287**	**-**	**287**
Kgalagadi North	21	-	31	-	-	-	49	4	-	-	2	-	**102**	**4**	**106**
TOTAL TRADITIONAL	**4,096**	**207**	**4,576**	**260**	**26**	**-**	**5,379**	**260**	**24**	**11**	**47**	**13**	**14,148**	**750**	**14,898**

TABLE 3.18D: NUMBER OF FARM WORKERS BY CITIZENSHIP, GENDER AND DISTRICT

District	Botswana		Angola		Lesotho		Malawi		Mozambique		Namibia		South Africa		Zambia		Zimbabwe		Total workers		Total workers
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Ngwaketse	1,497	74	-	-	-	-	14	-	2	-	-	-	-	-	-	-	78	3	1,591	77	**1,668**
Barolong	556	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	567	17	**584**
Ngwaketse West	177	2	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	181	2	**184**
South East	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	-	98	-	**98**
Kweneng East	1,771	123	-	-	-	-	17	-	-	-	-	-	-	-	-	-	351	11	2,138	134	**2,272**
Kweneng West	968	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	2	1,008	46	**1,054**
Kgatleng	1,224	28	6	-	-	-	4	-	-	-	-	-	-	-	3	-	288	38	1,525	66	**1,591**
Central Serowe	1,067	128	4	-	-	-	-	-	-	-	5	-	-	-	-	-	354	-	1,431	128	**1,559**
Central Mahalapye	943	76	-	-	-	-	4	-	-	-	-	-	-	-	-	-	36	2	983	79	**1,061**
Central Bobonong	668	13	-	-	-	6	-	-	-	-	-	-	-	-	-	-	237	10	905	30	**934**
Central Boteti	509	67	-	-	-	-	-	-	-	-	8	-	-	-	-	-	26	-	543	67	**610**
Central Tutume	864	57	-	-	-	-	-	-	-	-	7	-	4	-	24	-	822	-	1,721	57	**1,779**
North East	313	9	-	-	-	-	-	-	5	-	-	-	-	-	-	-	107	33	425	43	**468**
Ngamiland East	165	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	2	-	172	-	**172**
Ngamiland West	299	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	299	-	**299**
Chobe	52	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	7	-	62	-	**62**
Ghanzi	109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	109	-	**109**
Kgalagadi South	284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	287	-	**287**
Kgalagadi North	102	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	4	**107**
TOTAL TRADITIONAL	**11,637**	**645**	**15**	**-**	**-**	**6**	**44**	**-**	**7**	**-**	**20**	**-**	**4**	**-**	**31**	**-**	**2,391**	**99**	**14,148**	**750**	**14,898**

TABLE 3.19: NUMBER OF FARM WORKERS BY EMPLOYEE STATUS AND DISTRICT

District	EMPLOYEES PAID			Total Farm Labourers
	Cash Only Farm labourer	In Kind Only Farm labourers	Both Cash and in Kind Farm labourers	
Ngwaketse	232	-	1,436	**1,668**
Barolong	233	-	352	**584**
Ngwaketse West	23	-	160	**184**
South East	46	-	52	**98**
Kweneng East	416	-	1,857	**2,272**
Kweneng West	139	-	914	**1,054**
Kgatleng	317	-	1,274	**1,591**
Central Serowe/ Palapye	125	23	1,412	**1,559**
Central Mahalapye	158	19	884	**1,061**
Central Bobonong	267	5	662	**934**
Central Boteti	196	16	398	**610**
Central Tutume	368	-	1,411	**1,779**
North East	250	-	218	**468**
Ngamiland East	57	-	116	**172**
Ngamiland West	25	-	274	**299**
Chobe	62	-	-	**62**
Ghanzi	14	-	95	**109**
Kgalagadi South	28	-	259	**287**
Kgalagadi North	13	-	94	**107**
TOTAL TRADITIONAL	**2,968**	**64**	**11,867**	**14,898**

TABLE 3.20: NUMBER OF FARM WORKERS BY EMPLOMENT STATUS, EARNINGS (PULA) AND DISTRICT

District	Temporary	Permanent	Total Farm Workers	Total Earnings (PULA)	Average Earnings(PULA)
Ngwaketse	196	1,472	**1,668**	**1,994,493**	1,196
Barolong	71	514	**584**	**626,519**	1,072
Ngwaketse West	4	180	**184**	**234,144**	1,275
South East	68	30	**98**	**147,295**	1,498
Kweneng East	164	2,108	**2,272**	**2,802,134**	1,233
Kweneng West	33	1,021	**1,054**	**1,271,154**	1,206
Kgatleng	282	1,309	**1,591**	**2,311,581**	1,453
Central Serowe/ Palapye	79	1,480	**1,559**	**1,846,690**	1,185
Central Mahalapye	87	974	**1,061**	**1,120,247**	1,055
Central Bobonong	93	841	**934**	**1,055,006**	1,129
Central Boteti	56	554	**610**	**624,031**	1,023
Central Tutume	167	1,611	**1,779**	**1,723,492**	969
North East	8	460	**468**	**566,068**	1,209
Ngamiland East	23	150	**172**	**200,285**	1,163
Ngamiland West	72	228	**299**	**309,781**	1,034
Chobe	5	57	**62**	**96,693**	1,568
Ghanzi	40	69	**109**	**116,083**	1,069
Kgalagadi South	17	270	**287**	**309,695**	1,079
Kgalagadi North	8	99	**107**	**134,768**	1,265
TOTAL TRADITIONAL	**1,472**	**13,426**	**14,898**	**17,490,158**	**1,174**

TRADITIONAL SECTOR: CATTLE

TABLE 4.1A: CATTLE HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Cattle Holdings					Cattle Population					
	Male Owned	Percentage	Female owned	Percentage	Total Cattle Holdings	Male Owned	Percentage	Female Owned	Percentage	Total Cattle	Average Number of Cattle per Holding
Ngwaketse	2,313	10.4	748	10.5	**3,061**	60,366	7.6	11,928	8.7	**72,294**	24
Barolong	1,351	6.1	785	11.1	**2,136**	25,008	3.1	11,290	8.2	**36,298**	17
Ngwaketse West	198	0.9	24	0.3	**222**	14,645	1.8	2,010	1.5	**16,655**	75
South East	234	1.1	46	0.6	**280**	3,052	0.4	352	0.3	**3,404**	12
Kweneng East	2,659	11.9	631	8.9	**3,290**	55,531	7.0	8,915	6.5	**64,447**	20
Kweneng West	1,418	6.4	292	4.1	**1,710**	63,886	8.0	6,115	4.5	**70,001**	41
Kgatleng	1,814	8.1	296	4.2	**2,110**	53,324	6.7	5,955	4.3	**59,278**	28
Central Serowe/ Palapye	2,159	9.7	527	7.4	**2,686**	86,734	10.9	11,761	8.6	**98,494**	37
Central Mahalapye	1,486	6.7	375	5.3	**1,861**	59,877	7.5	12,299	9.0	**72,176**	39
Central Bobonong	1,049	4.7	498	7.0	**1,547**	42,194	5.3	11,614	8.5	**53,807**	35
Central Boteti	844	3.8	223	3.1	**1,067**	56,850	7.1	7,057	5.1	**63,907**	60
Central Tutume	1,505	6.8	507	7.1	**2,012**	50,700	6.4	11,001	8.0	**61,701**	31
North East	1,094	4.9	830	11.7	**1,925**	19,554	2.5	8,058	5.9	**27,612**	14
Ngamiland East	1,052	4.7	259	3.7	**1,312**	54,308	6.8	10,734	7.8	**65,041**	50
Ngamiland West	1,741	7.8	594	8.4	**2,335**	43,933	5.5	5,921	4.3	**49,853**	21
Chobe	72	0.3	26	0.4	**98**	2,503	0.3	654	0.5	**3,157**	32
Ghanzi	644	2.9	211	3.0	**855**	65,041	8.2	5,713	4.2	**70,754**	83
Kgalagadi South	482	2.2	169	2.4	**651**	29,332	3.7	4,983	3.6	**34,315**	53
Kgalagadi North	148	0.7	50	0.7	**198**	10,510	1.3	1,026	0.7	**11,537**	58
TOTAL TRADITIONAL	**22,263**	**100.0**	**7,092**	**100.0**	**29,355**	**797,346**	**100.0**	**137,386**	**100.0**	**934,732**	**32**

TABLE 4.1B: CATTLE POPULATION BY AGE GROUP OF THE HOLDER AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Age not Known	Total Cattle
Ngwaketse	-	116	323	946	5,759	3,200	5,432	11,629	11,647	8,595	24,646	-	**72,294**
Barolong	-	37	195	1,078	2,046	1,834	1,611	2,333	4,489	5,358	17,316	-	**36,298**
Ngwaketse West	-	-	-	373	1,329	406	1,275	4,103	2,859	3,039	3,270	-	**16,655**
South East	-	-	-	-	207	235	-	337	757	282	1,587	-	**3,404**
Kweneng East	-	-	241	2,141	2,128	2,140	5,387	6,973	10,070	8,830	26,537	-	**64,447**
Kweneng West	-	-	33	1,165	3,779	5,307	8,166	8,765	13,082	7,436	22,093	173	**70,001**
Kgatleng	-	-	-	256	617	6,685	6,562	6,048	10,643	8,667	19,733	66	**59,278**
Central Serowe/ Palapye	2,520	-	71	2,339	4,387	5,384	16,113	10,104	13,618	15,845	28,112	-	**98,494**
Central Mahalapye	-	-	16	652	2,898	5,118	4,449	9,582	11,355	11,545	26,277	283	**72,176**
Central Bobonong	-	62	101	901	1,929	2,921	4,121	5,264	7,139	8,152	22,979	239	**53,807**
Central Boteti	187	106	614	2,221	4,497	3,930	5,366	7,621	12,446	8,928	17,993	-	**63,907**
Central Tutume	-	-	-	21	787	3,997	2,773	8,469	13,954	8,073	22,354	1,274	**61,701**
North East	-	-	115	340	528	781	1,694	2,570	2,929	3,160	15,480	15	**27,612**
Ngamiland East	52	580	674	1,316	3,566	8,116	5,211	5,304	12,398	6,609	21,216	-	**65,041**
Ngamiland West	56	376	326	1,633	5,531	1,837	5,767	5,859	3,087	10,700	14,682	-	**49,853**
Chobe	-	-	15	117	100	-	45	105	368	821	1,488	99	**3,157**
Ghanzi	-	2,503	6,326	2,696	5,821	6,167	4,912	8,863	19,376	3,211	10,879	-	**70,754**
Kgalagadi South	-	-	588	54	2,451	1,708	920	6,151	6,270	1,957	14,215	-	**34,315**
Kgalagadi North	-	-	173	403	509	806	1,366	900	1,629	1,512	4,239	-	**11,537**
TOTAL TRADITIONAL	**2,815**	**3,779**	**9,812**	**18,653**	**48,870**	**60,571**	**81,167**	**110,980**	**158,115**	**122,720**	**315,098**	**2,149**	**934,732**

TABLE 4.2A: CATTLE HERD COMPOSITION BY DISTRICT

District	Bulls	Oxen	Cows	Heifers	Tollies	Male Calves	Female Calves	Cattle Population
Ngwaketse	1,499	4,205	33,169	10,719	8,003	7,118	7,582	**72,294**
Barolong	814	2,204	18,012	4,836	2,308	3,935	4,190	**36,298**
Ngwaketse West	295	1,139	6,760	2,914	2,033	1,778	1,736	**16,655**
South East	89	341	1,443	483	411	302	335	**3,404**
Kweneng East	1,322	1,769	29,742	11,293	6,989	6,752	6,579	**64,447**
Kweneng West	1,299	1,585	31,563	13,559	7,442	6,699	7,854	**70,001**
Kgatleng	992	3,021	27,487	8,811	6,736	5,985	6,247	**59,278**
Central Serowe/ Palapye	2,119	2,361	43,824	19,481	12,179	8,227	10,303	**98,494**
Central Mahalapye	1,390	3,547	32,887	11,869	8,464	6,839	7,180	**72,176**
Central Bobonong	1,312	3,421	23,626	8,574	7,079	4,803	4,991	**53,807**
Central Boteti	834	4,505	30,202	8,930	6,486	6,204	6,747	**63,907**
Central Tutume	1,535	3,930	31,509	8,457	5,536	4,970	5,763	**61,701**
North East	760	3,353	12,270	3,483	2,183	2,412	3,151	**27,612**
Ngamiland East	882	3,872	25,687	14,945	7,702	5,744	6,209	**65,041**
Ngamiland West	1,301	3,981	19,351	8,014	4,488	5,459	7,260	**49,853**
Chobe	89	157	1,457	488	320	327	318	**3,157**
Ghanzi	1,839	1,293	31,392	13,877	8,464	6,553	7,337	**70,754**
Kgalagadi South	532	210	15,595	5,559	4,986	3,333	4,101	**34,315**
Kgalagadi North	193	479	4,898	2,338	1,549	1,066	1,013	**11,537**
TOTAL TRADITIONAL	**19,096**	**45,375**	**420,873**	**158,628**	**103,358**	**88,505**	**98,897**	**934,732**

TABLE 4.2B: PERCENTAGE: CATTLE HERD COMPOSITION BY DISTRICT

District	Bulls	Oxen	Cows	Tollies	Heifers	Males Calves	Females Calves	Cattle Population
Ngwaketse	7.8	9.3	7.9	6.8	7.7	8.0	7.7	**7.7**
Barolong	4.3	4.9	4.3	3.0	2.2	4.4	4.2	**3.9**
Ngwaketse West	1.5	2.5	1.6	1.8	2.0	2.0	1.8	**1.8**
South East	0.5	0.8	0.3	0.3	0.4	0.3	0.3	**0.4**
Kweneng East	6.9	3.9	7.1	7.1	6.8	7.6	6.7	**6.9**
Kweneng West	6.8	3.5	7.5	8.5	7.2	7.6	7.9	**7.5**
Kgatleng	5.2	6.7	6.5	5.6	6.5	6.8	6.3	**6.3**
Central Serowe/ Palapye	11.1	5.2	10.4	12.3	11.8	9.3	10.4	**10.5**
Central Mahalapye	7.3	7.8	7.8	7.5	8.2	7.7	7.3	**7.7**
Central Bobonong	6.9	7.5	5.6	5.4	6.8	5.4	5.0	**5.8**
Central Boteti	4.4	9.9	7.2	5.6	6.3	7.0	6.8	**6.8**
Central Tutume	8.0	8.7	7.5	5.3	5.4	5.6	5.8	**6.6**
North East	4.0	7.4	2.9	2.2	2.1	2.7	3.2	**3.0**
Ngamiland East	4.6	8.5	6.1	9.4	7.5	6.5	6.3	**7.0**
Ngamiland West	6.8	8.8	4.6	5.1	4.3	6.2	7.3	**5.3**
Chobe	0.5	0.3	0.3	0.3	0.3	0.4	0.3	**0.3**
Ghanzi	9.6	2.8	7.5	8.7	8.2	7.4	7.4	**7.6**
Kgalagadi South	2.8	0.5	3.7	3.5	4.8	3.8	4.1	**3.7**
kgalagadi North	1.0	1.1	1.2	1.5	1.5	1.2	1.0	**1.2**
TOTAL TRADITIONAL	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

TABLE 4.3: CATTLE HOLDINGS BY TYPE OF BREED & DISTRICT

District	Tswana	Crosses	Exotic
Ngwaketse	12,831	5,055	456
Barolong	9,113	1,112	148
Ngwaketse West	641	686	382
South East	525	866	-
Kweneng East	11,725	4,953	571
Kweneng West	2,943	6,771	497
Kgatleng	6,952	5,958	406
Central Serowe	7,631	9,101	274
Central Mahalapye	5,019	6,683	114
Central Bobonong	6,186	3,403	416
Central Boteti	4,648	2,929	375
Central Tutume	3,751	8,822	71
North East	6,592	3,106	56
Ngamiland East	3,317	4,481	80
Ngamiland West	11,458	1,323	11
Chobe	433	188	-
Ghanzi	1,806	2,926	1,694
Kgalagadi South	1,965	1,666	459
Kgalagadi North	675	517	229
TOTAL TRADITIONAL	**98,212**	**70,546**	**6,240**

TABLE 4.4: CATTLE POPULATION BY TYPE OF BREED & DISTRICT

District	Tswana	Crosses	Exotic	Total Cattle
Ngwaketse	45,572	25,166	1,555	**72,294**
Barolong	28,286	7,511	500	**36,298**
Ngwaketse West	4,348	9,560	2,747	**16,655**
South East	923	2,481	-	**3,404**
Kweneng East	36,226	26,536	1,685	**64,447**
Kweneng West	10,896	57,559	1,546	**70,001**
Kgatleng	27,230	31,394	655	**59,278**
Central Serowe	35,002	61,584	1,908	**98,494**
Central Mahalapye	24,966	47,112	98	**72,176**
Central Bobonong	28,263	24,418	1,126	**53,807**
Central Boteti	32,576	30,431	900	**63,907**
Central Tutume	13,134	48,530	37	**61,701**
North East	19,247	8,337	28	**27,612**
Ngamiland East	15,863	49,102	76	**65,041**
Ngamiland West	44,060	5,788	6	**49,853**
Chobe	2,023	1,134	-	**3,157**
Ghanzi	14,642	40,801	15,311	**70,754**
Kgalagadi South	9,648	21,553	3,115	**34,315**
Kgalagadi North	4,434	4,983	2,120	**11,537**
TOTAL TRADITIONAL	**397,338**	**503,981**	**33,412**	**934,732**

TABLE 4.5A: CATTLE INVENTORY (BIRTHS, DEATHS, OFFTAKE, …) BY DISTRICT

District	Total cattle	Total cows	Sales	Home Slaughter	Purchases	Offtake	Births	Deaths	Given Away	Losses	Eradication
Ngwaketse	**72,294**	**33,169**	3,956	1,039	558	4,437	17,597	5,963	451	2,339	1
Barolong	**36,298**	**18,012**	1,813	840	175	2,479	9,854	2,679	238	2,274	-
Ngwaketse West	**16,655**	**6,760**	425	212	95	542	4,107	1,002	16	681	58
South East	**3,404**	**1,443**	77	43	40	81	876	980	-	30	-
Kweneng East	**64,447**	**29,742**	3,446	1,053	863	3,636	16,910	7,790	1,041	1,666	523
Kweneng West	**70,001**	**31,563**	4,656	852	693	4,816	17,389	6,743	1,033	2,866	5
Kgatleng	**59,278**	**27,487**	3,143	693	608	3,229	14,579	4,715	136	2,291	2
Central Serowe/ Palapye	**98,494**	**43,824**	7,085	1,525	509	8,101	22,094	8,559	250	5,665	-
Central Mahalapye	**72,176**	**32,887**	4,053	1,001	511	4,543	16,272	5,479	558	3,293	31
Central Bobonong	**53,807**	**23,626**	4,045	1,019	376	4,688	12,457	5,853	291	2,989	2
Central Boteti	**63,907**	**30,202**	3,435	728	414	3,749	17,170	5,211	267	6,058	14
Central Tutume	**61,701**	**31,509**	3,739	930	312	4,357	12,736	5,953	79	1,698	-
North East	**27,612**	**12,270**	1,561	421	129	1,852	7,325	4,110	20	1,113	9
Ngamiland East	**65,041**	**25,687**	5,429	1,081	324	6,186	21,730	16,378	249	11,491	-
Ngamiland West	**49,853**	**19,351**	982	1,306	562	1,726	16,615	8,778	569	3,148	-
Chobe	**3,157**	**1,457**	199	51	39	212	758	263	9	27	-
Ghanzi	**70,754**	**31,392**	5,521	406	409	5,517	17,169	6,353	401	3,329	37
Kgalagadi South	**34,315**	**15,595**	3,671	352	10	4,013	9,116	3,245	39	1,279	-
Kgalagadi North	**11,537**	**4,898**	1,151	387	35	1,504	3,219	2,201	58	1,336	-
TOTAL TRADITIONAL	**934,732**	**420,873**	**58,388**	**13,939**	**6,660**	**65,667**	**237,974**	**102,255**	**5,704**	**53,571**	**682**

TABLE 4.5B: PERCENTAGE: CATTLE INVENTORY (BIRTHS, DEATHS, OFFTAKE, …) BY DISTRICT

District	Sales	Home Slaughter	Purchases	Offtake Rate	Births Rate	Deaths Rate	Given Away	Losses	Eradication
Ngwaketse	5.5	1.4	0.8	6.1	53.1	8.2	0.6	3.2	0.0
Barolong	5.0	2.3	0.5	6.8	54.7	7.4	0.7	6.3	-
Ngwaketse West	2.6	1.3	0.6	3.3	60.8	6.0	0.1	4.1	0.3
South East	2.3	1.3	1.2	2.4	60.7	28.8	-	0.9	-
Kweneng East	5.3	1.6	1.3	5.6	56.9	12.1	1.6	2.6	0.8
Kweneng West	6.7	1.2	1.0	6.9	55.1	9.6	1.5	4.1	0.0
Kgatleng	5.3	1.2	1.0	5.4	53.0	8.0	0.2	3.9	0.0
Central Serowe/ Palapye	7.2	1.5	0.5	8.2	50.4	8.7	0.3	5.8	-
Central Mahalapye	5.6	1.4	0.7	6.3	49.5	7.6	0.8	4.6	0.0
Central Bobonong	7.5	1.9	0.7	8.7	52.7	10.9	0.5	5.6	0.0
Central Boteti	5.4	1.1	0.6	5.9	56.8	8.2	0.4	9.5	0.0
Central Tutume	6.1	1.5	0.5	7.1	40.4	9.6	0.1	2.8	-
North East	5.7	1.5	0.5	6.7	59.7	14.9	0.1	4.0	0.0
Ngamiland East	8.3	1.7	0.5	9.5	84.6	25.2	0.4	17.7	-
Ngamiland West	2.0	2.6	1.1	3.5	85.9	17.6	1.1	6.3	-
Chobe	6.3	1.6	1.2	6.7	52.0	8.3	0.3	0.8	-
Ghanzi	7.8	0.6	0.6	7.8	54.7	9.0	0.6	4.7	0.1
Kgalagadi South	10.7	1.0	0.0	11.7	58.5	9.5	0.1	3.7	-
Kgalagadi North	10.0	3.4	0.3	13.0	65.7	19.1	0.5	11.6	-
TOTAL TRADITIONAL	**6.2**	**1.5**	**0.7**	**7.0**	**56.5**	**10.9**	**0.6**	**5.7**	**0.1**

TABLE 4.6: CATTLE SALES BY VARIOUS BUYERS AND DISTRICT

District	BMC Direct	BMC Agent	Auction Sale	Government Restocking	Another Farmer	Trader	Butcher	Feedlot	Other	Total Cattle Sales
Ngwaketse	937	31	-	-	857	27	1,557	465	82	**3,956**
Barolong	-	96	-	-	602	181	563	372	-	**1,813**
Ngwaketse West	36	-	-	-	40	100	218	30	-	**425**
South East	-	-	-	-	50	-	27	-	-	**77**
Kweneng East	421	10	-	-	739	-	2,226	-	51	**3,446**
Kweneng West	592	355	256	-	1,148	75	1,403	693	133	**4,656**
Kgatleng	9	65	-	-	281	204	2,488	-	96	**3,143**
Central Serowe/ Palapye	382	185	-	-	384	356	4,352	650	775	**7,085**
Central Mahalapye	66	456	-	-	512	139	2,546	285	48	**4,053**
Central Bobonong	514	141	-	-	644	66	2,523	-	157	**4,045**
Central Boteti	173	87	226	-	576	14	2,302	20	38	**3,435**
Central Tutume	402	48	-	-	485	197	1,972	414	220	**3,739**
North East	-	12	-	14	593	387	380	66	108	**1,561**
Ngamiland East	2,336	258	-	-	113	20	528	12	2,162	**5,429**
Ngamiland West	18	-	-	-	89	137	549	-	189	**982**
Chobe	-	-	-	-	58	3	138	-	1	**199**
Ghanzi	54	-	-	-	597	288	222	4,360	-	**5,521**
Kgalagadi South	295	90	-	-	152	175	197	2,714	48	**3,671**
Kgalagadi North	210	-	-	-	275	172	37	457	-	**1,151**
TOTAL TRADITIONAL	**6,447**	**1,835**	**481**	**14**	**8,197**	**2,540**	**24,227**	**10,537**	**4,109**	**58,388**

TABLE 4.7: CATTLE REVENUE RECEIVED (PULA) BY VARIOUS BUYERS AND DISTRICT

District	BMC Direct	BMC Agent	Auction Sale	Government Restocking	Another Farmer	Trader	Butcher	Feedlot	Other	Total Revenue Received (Pula)
Ngwaketse	3,661,029	109,200	-	-	3,146,048	92,388	6,342,647	1,712,885	317,401	**15,381,598**
Barolong	-	381,308	-	-	2,187,588	744,953	2,090,035	1,258,657	-	**6,662,542**
Ngwaketse West	127,853	-	-	-	137,800	351,563	528,530	118,019	-	**1,263,765**
South East	-	-	-	-	184,936	-	96,779	-	-	**281,715**
Kweneng East	1,250,842	23,439	-	-	2,814,097	-	9,183,690	-	222,474	**13,494,541**
Kweneng West	2,788,175	1,382,054	869,294	-	4,567,513	286,483	5,392,949	2,720,829	475,916	**18,483,213**
Kgatleng	42,476	395,200	-	-	1,056,315	672,304	10,128,285	-	177,923	**12,472,504**
Central Serowe/ Palapye	1,610,193	607,200	-	-	1,339,439	1,286,867	14,307,142	1,632,744	1,727,219	**22,510,804**
Central Mahalapye	285,588	1,763,901	-	-	1,963,697	625,272	9,043,450	923,070	224,689	**14,829,668**
Central Bobonong	2,346,764	550,793	-	-	2,194,345	312,271	8,800,833	-	314,346	**14,519,352**
Central Boteti	723,840	362,147	908,272	-	2,150,083	57,763	7,688,396	48,750	153,586	**12,092,837**
Central Tutume	1,775,599	202,597	-	-	1,975,356	807,409	7,677,035	1,312,408	985,026	**14,735,430**
North East	-	57,274	-	42,961	2,347,845	1,539,093	1,538,864	329,845	397,775	**6,253,656**
Ngamiland East	6,569,361	857,976	-	-	335,199	32,128	1,235,898	30,859	5,363,295	**14,424,716**
Ngamiland West	41,797	-	-	-	141,461	435,666	1,225,817	-	373,147	**2,217,888**
Chobe	-	-	-	-	251,700	8,521	498,955	-	800	**759,976**
Ghanzi	220,000	-	-	-	2,005,768	916,383	850,713	19,607,833	-	**23,600,696**
Kgalagadi South	897,600	449,557	-	-	522,056	709,587	640,272	8,153,555	169,575	**11,542,202**
Kgalagadi North	755,616	-	-	-	728,910	556,541	141,454	1,383,830	-	**3,566,352**
TOTAL TRADITIONAL	**23,096,734**	**7,142,646**	**1,777,566**	**42,961**	**30,050,157**	**9,435,192**	**87,411,741**	**39,233,284**	**10,903,172**	**209,093,454**

TABLE 4.8: CATTLE AVERAGE PRICES (PULA) BY VARIOUS BUYERS AND DISTRICT

District	BMC Direct	BMC Agent	Auction Sale	Government Restocking	Another Farmer	Trader	Butcher	Feedlot	Other	Total average Prices
Ngwaketse	3,906	3,500	-	-	3,669	-	4,075	-	-	**3,888**
Barolong	-	3,987	-	-	3,632	4,119	3,715	3,384	-	**3,674**
Ngwaketse West	3,530	-	-	-	3,411	-	2,429	3,907	-	**2,975**
South East	-	-	-	-	3,689	-	3,627	-	-	**3,667**
Kweneng East	2,974	-	-	-	3,810	-	4,126	-	-	**3,916**
Kweneng West	4,706	3,888	3,400	-	3,977	3,844	3,843	3,924	-	**3,970**
Kgatleng	4,476	6,080	-	-	3,765	-	4,071	-	-	**3,969**
Central Serowe/ Palapye	4,212	3,283	-	-	3,486	-	3,287	-	2,228	**3,177**
Central Mahalapye	4,330	3,866	-	-	3,832	4,500	3,552	-	4,680	**3,659**
Central Bobonong	4,567	3,895	-	-	3,406	4,745	3,489	-	1,997	**3,589**
Central Boteti	4,185	4,143	4,025	-	3,734	4,127	3,340	2,500	4,040	**3,520**
Central Tutume	4,413	4,208	-	-	4,069	4,096	3,894	3,173	4,473	**3,941**
North East	-	-	-	-	3,957	3,976	4,048	-	3,696	**4,007**
Ngamiland East	2,813	3,331	-	-	2,965	1,637	2,339	2,500	2,481	**2,657**
Ngamiland West	2,277	-	-	-	1,595	3,176	2,231	-	1,977	**2,258**
Chobe	-	-	-	-	4,340	-	3,624	-	-	**3,815**
Ghanzi	-	-	-	-	3,359	-	-	4,497	-	**4,275**
Kgalagadi South	3,041	5,019	-	-	3,443	4,057	3,244	3,004	3,500	**3,144**
Kgalagadi North	-	-	-	-	2,647	3,243	-	3,031	-	**3,098**
TOTAL TRADITIONAL	**3,583**	**3,892**	**3,693**	**3,000**	**3,666**	**3,715**	**3,608**	**3,723**	**2,654**	**3,581**

TABLE 4.9: CATTLE SALES AND REVENUE RECEIVED (PULA) BY DISTRICT

District/Region	Holdings Selling Cattle		Cattle Sales		Total Revenue Received (Pula)	Average Revenue (Pula) per Holdings	Average Price (Pula) per Head
	Number	Percentage	Number	Percentage			
Ngwaketse	711	5.7	1,996	3.9	**8,104,772**	11,392	4,060
Barolong	733	5.9	2,021	3.9	**7,706,131**	10,518	3,812
Ngwaketse West	105	0.8	817	1.6	**2,815,122**	26,886	3,447
South East	39	0.3	71	0.1	**297,871**	7,639	4,174
Kweneng East	1,027	8.2	2,049	4.0	**7,486,568**	7,287	3,654
Kweneng West	807	6.5	3,370	6.5	**13,165,970**	16,313	3,907
Kgatleng	801	6.4	4,311	8.3	**18,657,940**	23,279	4,328
Central Serowe/ Palapye	2,214	17.8	10,144	19.6	**34,792,027**	15,716	3,430
Central Mahalapye	911	7.3	3,998	7.7	**14,995,824**	16,467	3,751
Central Bobonong	609	4.9	2,328	4.5	**8,195,709**	13,449	3,520
Central Boteti	722	5.2	5,815	7.1	**17,820,241**	24,691	3,064
Central Tutume	938	7.5	4,124	8.0	**17,136,872**	18,268	4,155
North East	992	8.0	1,699	3.3	**6,731,491**	6,783	3,962
Ngamiland East	768	6.2	4,464	8.6	**12,651,707**	16,476	2,834
Ngamiland West	497	4.0	1,177	2.3	**3,647,473**	7,336	3,098
Chobe	62	0.5	242	0.5	**696,977**	11,244	2,881
Ghanzi	108	0.9	207	0.4	**725,128**	6,734	3,498
Kgalagadi South	292	2.1	2,619	3.2	**7,474,786**	25,628	2,855
Kgalagadi North	118	0.9	280	0.5	**882,770**	7,488	3,153
TOTAL TRADITIONAL	**12,454**	**100.0**	**51,734**	**100.0**	**183,985,379**	**14,773**	**3,556**

TABLE 4.10: CATTLE PURCHASES AND COST INCURRED (PULA) BY DISTRICT

District	Holdings Purchasing Cattle		Cattle Purchases		Total Cost Incurred (Pula)	Average Cost (Pula) per Holding	Average Cost (Pula) per Head
	Number	Percentage	Number	Percentage			
Ngwaketse	210	7.7	558	8.4	**1,883,794**	8,949	3,374
Barolong	94	3.5	175	2.6	**634,336**	6,743	3,628
Ngwaketse West	38	1.4	95	1.4	**295,291**	7,812	3,125
South East	13	0.5	40	0.6	**158,354**	12,027	4,009
Kweneng East	387	14.2	863	13.0	**3,507,888**	9,070	4,066
Kweneng West	206	7.6	693	10.4	**3,484,357**	16,922	5,030
Kgatleng	98	3.6	608	9.1	**1,453,591**	14,769	2,392
Central Serowe/ Palapye	257	9.4	509	7.6	**2,391,594**	9,321	4,699
Central Mahalapye	213	7.8	511	7.7	**1,832,787**	8,602	3,588
Central Bobonong	177	6.5	376	5.6	**1,517,842**	8,554	4,036
Central Boteti	191	7.0	414	6.2	**1,431,687**	18,889	2,517
Central Tutume	126	4.6	312	4.7	**710,679**	5,648	2,279
North East	105	3.9	129	1.9	**491,985**	4,704	3,802
Ngamiland East	103	3.8	324	4.9	**699,916**	6,772	2,160
Ngamiland West	330	12.2	562	8.4	**1,773,267**	5,370	3,154
Chobe	17	0.6	39	0.6	**141,416**	8,540	3,663
Ghanzi	130	4.8	409	6.1	**1,218,891**	9,390	2,980
Kgalagadi South	2	0.1	10	0.1	**96,000**	65,008	5,679
Kgalagadi North	19	0.7	35	0.5	**118,323**	6,357	3,392
TOTAL TRADITIONAL	**2,717**	**100.0**	**6,660**	**100.0**	**23,841,997**	**8,777**	**3,580**

TABLE 4.11: CATTLE HOLDINGS BY CATTLE BREEDING METHOD USED AND DISTRICT

District	Artificial Insemination	Bull Service	Both	Total Cattle Holdings
Ngwaketse	31	2,993	37	**3,061**
Barolong	26	2,092	17	**2,136**
Ngwaketse West	-	208	14	**222**
South East	-	280	-	**280**
Kweneng East	6	3,279	5	**3,290**
Kweneng West	8	1,692	10	**1,710**
Kgatleng	8	2,103	-	**2,110**
Central Serowe/ Palapye	-	2,667	18	**2,686**
Central Mahalapye	3	1,820	38	**1,861**
Central Bobonong	38	1,506	4	**1,547**
Central Boteti	18.5	1,028.3	20.4	**1,067.2**
Central Tutume	6	2,005	-	**2,012**
North East	23	1,888	14	**1,925**
Ngamiland East	12	1,300	-	**1,312**
Ngamiland West	1	2,334	-	**2,335**
Chobe	-	98	-	**98**
Ghanzi	1	854	-	**855**
Kgalagadi South	-	651	-	**625**
Kgalagadi North	-	183	14	**198**
TOTAL TRADITIONAL	**181**	**28,982**	**192**	**29,355**

TRADITIONAL SECTOR: **SMALL STOCK (GOATS)**

TABLE 5.1A: GOATS HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Goats Holdings					Total Goats					
	Male Owned	Percentage	Female Owned	Percentage	Total Goats Holdings	Male Owned	Percentage	Female Owned	Percentage	Total Goats	Average Number of Goats per holding
Ngwaketse	2,823	10.4	1,303	8.6	**4,126**	102,313	11.7	46,981	13.4	**149,294**	36
Barolong	1,885	7.0	1,867	12.3	**3,752**	45,498	5.2	35,390	10.1	**80,888**	22
Ngwaketse West	202	0.7	49	0.3	**251**	6,214	0.7	3,008	0.9	**9,222**	37
South East	566	2.1	219	1.4	**785**	23,721	2.7	6,863	2.0	**30,585**	39
Kweneng East	4,645	17.2	2,196	14.5	**6,841**	165,803	18.9	56,901	16.2	**222,705**	33
Kweneng West	1,476	5.5	700	4.6	**2,176**	49,578	5.7	12,886	3.7	**62,464**	29
Kgatleng	1,839	6.8	367	2.4	**2,206**	80,965	9.2	13,663	3.9	**94,628**	43
Central Serowe/ Palapye	2,239	8.3	768	5.1	**3,007**	72,611	8.3	17,712	5.0	**90,323**	30
Central Mahalapye	1,672	6.2	1,243	8.2	**2,915**	54,876	6.3	27,407	7.8	**82,284**	28
Central Bobonong	1,408	5.2	807	5.3	**2,216**	46,219	5.3	24,642	7.0	**70,861**	32
Central Boteti	848	3.1	418	2.8	**1,265**	35,012	4.0	14,126	4.0	**49,138**	39
Central Tutume	1,944	7.2	1,046	6.9	**2,990**	51,183	5.8	22,670	6.4	**73,853**	25
North East	1,907	7.0	2,155	14.2	**4,061**	35,192	4.0	28,949	8.2	**64,141**	16
Ngamiland East	1,116	4.1	509	3.4	**1,626**	35,530	4.1	12,015	3.4	**47,546**	29
Ngamiland West	1,048	3.9	663	4.4	**1,711**	19,875	2.3	8,813	2.5	**28,687**	17
Chobe	108	0.4	134	0.9	**242**	1,731	0.2	1,715	0.5	**3,447**	14
Ghanzi	637	2.4	242	1.6	**879**	21,243	2.4	4,330	1.2	**25,572**	29
Kgalagadi South	520	1.9	331	2.2	**851**	23,381	2.7	10,906	3.1	**34,287**	40
Kgalagadi North	169	0.6	110	0.7	**279**	6,276	0.7	2,544	0.7	**8,820**	32
TOTAL TRADITIONAL	**27,051**	**100.0**	**15,128**	**100.0**	**42,179**	**877,222**	**100.0**	**351,521**	**100.0**	**1,228,744**	**29**

TABLE 5.1B: GOATS HOLDINGS BY AGE GROUP OF THE HOLDER AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Age not known	Total Holdings
Ngwaketse	-	18	114	198	234	251	355	420	538	494	1,505	-	**4,126**
Barolong	-	8	20	107	186	245	202	444	470	610	1,458	-	**3,752**
Ngwaketse West	-	-	-	5	28	14	26	83	29	29	38	-	**251**
South East	-	-	10	23	48	20	43	89	65	100	387	-	**785**
Kweneng East	-	60	99	175	596	557	560	672	900	826	2,388	9	**6,841**
Kweneng West	-	9	7	90	144	204	219	280	285	184	746	8	**2,176**
Kgatleng	-	-	22	31	58	353	177	251	365	229	716	3	**2,206**
Central Serowe/ Palapye	47	-	10	97	199	176	478	291	323	353	1,034	-	**3,007**
Central Mahalapye	-	-	23	82	143	239	202	505	431	322	964	4	**2,915**
Central Bobonong	-	5	9	51	164	198	236	238	203	304	809	-	**2,216**
Central Boteti	7	-	17	85	128	58	107	169	229	160	305	-	**1,265**
Central Tutume	-	-	70	88	175	258	301	284	361	440	988	27	**2,990**
North East	-	-	22	135	153	336	307	364	352	465	1,912	15	**4,061**
Ngamiland East	4	11	28	99	147	191	114	130	292	188	421	-	**1,626**
Ngamiland West	-	9	29	80	226	176	211	110	203	162	505	-	**1,711**
Chobe	-	6	-	16	22	6	44	24	31	18	75	-	**242**
Ghanzi	-	18	71	28	100	108	84	129	153	68	120	-	**879**
Kgalagadi South	-	-	2	34	78	57	74	106	152	78	270	-	**851**
Kgalagadi North	-	-	19	19	35	49	48	39	22	13	38	-	**279**
TOTAL TRADITIONAL	**58**	**145**	**571**	**1,442**	**2,861**	**3,495**	**3,788**	**4,626**	**5,402**	**5,044**	**14,679**	**66**	**42,179**

TABLE 5.1C: GOATS POPULATION BY AGE GROUP OF THE HOLDER AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Age not known	Total Goats
Ngwaketse	-	752	4,353	4,138	8,210	11,200	13,962	12,574	18,316	18,729	57,061	-	**149,294**
Barolong	-	136	879	2,816	4,132	5,301	4,551	8,920	9,752	13,225	31,175	-	**80,888**
Ngwaketse West	-	-	-	96	589	423	1,004	4,716	454	903	1,037	-	**9,222**
South East	-	-	39	341	3,965	215	1,970	3,722	1,399	2,089	16,844	-	**30,585**
Kweneng East	-	3,131	4,055	8,426	19,083	26,443	14,552	17,357	31,996	18,537	78,228	897	**222,705**
Kweneng West	-	63	27	1,631	3,784	4,817	5,622	8,518	8,849	5,234	23,549	370	**62,464**
Kgatleng	-	-	377	1,936	2,293	15,317	10,829	11,143	16,073	5,720	30,779	160	**94,628**
Central Serowe/ Palapye	1,633	-	40	2,969	5,336	4,737	13,941	11,091	11,399	9,774	29,403	-	**90,323**
Central Mahalapye	-	-	462	4,186	2,629	5,788	5,349	13,919	12,677	10,651	26,546	76	**82,284**
Central Bobonong	-	190	68	2,271	3,687	5,962	7,536	6,275	5,818	10,809	28,246	-	**70,861**
Central Boteti	142	-	261	3,875	4,218	1,811	2,942	5,507	11,588	6,144	12,650	-	**49,138**
Central Tutume	-	-	419	969	5,221	6,168	6,065	7,062	11,604	11,507	24,294	544	**73,853**
North East	-	-	79	1,544	3,155	4,985	4,646	4,921	5,145	6,361	33,261	46	**64,141**
Ngamiland East	52	386	885	1,588	3,330	5,436	3,312	4,212	8,475	5,156	14,714	-	**47,546**
Ngamiland West	-	62	215	692	5,773	2,871	3,586	1,401	3,315	3,629	7,143	-	**28,687**
Chobe	-	39	-	561	717	118	322	264	167	285	974	-	**3,447**
Ghanzi	-	385	2,976	494	2,572	1,948	2,430	3,997	6,119	1,704	2,946	-	**25,572**
Kgalagadi South	-	-	202	614	2,452	1,440	1,728	4,419	5,948	3,643	13,842	-	**34,287**
Kgalagadi North	-	-	359	425	748	1,942	934	1,435	795	413	1,768	-	**8,820**
TOTAL TRADITIONAL	**1,827**	**5,142.7**	**15,696**	**39,572.6**	**81,893**	**106,922**	**105,281.8**	**131,452**	**169,891.1**	**134,513**	**434,460**	**2,093**	**1,228,744**

TABLE 5.2: GOATS COMPOSITION BY DISTRICT

District	Buck (uncastrated) One Year and Over	Castrated male Goats One Year and Over	Female Goats One Year and Over	Male Goats under One Year	Female Goats under One Year	Total Goats
Ngwaketse	3,473	22,784	81,135	19,457	22,445	**149,294**
Barolong	2,097	10,575	42,996	12,178	13,042	**80,888**
Ngwaketse West	398	966	5,005	1,569	1,284	**9,222**
South East	551	3,882	17,050	4,096	5,006	**30,585**
Kweneng East	4,451	28,931	132,273	28,525	28,525	**222,705**
Kweneng West	2,091	9,201	36,338	7,348	7,486	**62,464**
Kgatleng	2,245	13,229	54,572	12,392	12,189	**94,628**
Central Serowe/ Palapye	2,407	12,318	49,837	11,010	14,750	**90,323**
Central Mahalapye	2,423	12,583	47,390	9,845	10,043	**82,284**
Central Bobonong	2,351	8,494	40,363	9,446	10,208	**70,861**
Central Boteti	1,088	6,662	27,728	6,606	7,054	**49,138**
Central Tutume	2,642	8,781	44,721	8,522	9,187	**73,853**
North East	2,001	8,751	40,242	5,947	7,200	**64,141**
Ngamiland East	990	6,911	27,677	5,717	6,251	**47,546**
Ngamiland West	1,940	3,870	15,220	3,677	3,981	**28,687**
Chobe	171	498	1,759	492	528	**3,447**
Ghanzi	1,343	2,407	13,657	3,426	4,739	**25,572**
Kgalagadi South	1,005	4,896	20,050	3,689	4,647	**34,287**
Kgalagadi North	375	1,171	4,701	1,161	1,411	**8,820**
TOTAL TRADITIONAL	**34,042**	**166,909**	**702,716**	**155,102**	**169,975**	**1,228,744**

TABLE 5.3: GOATS POPULATION BY TYPE OF BREED AND DISTRICT

District	Tswana	Crosses	Exotic	Total Goats
Ngwaketse	101,584	46,612	1,097	**149,294**
Barolong	74,682	6,119	87	**80,888**
Ngwaketse West	6,197	2,381	643	**9,222**
South East	15,500	15,085	0	**30,585**
Kweneng East	170,947	49,790	1,967	**222,705**
Kweneng West	28,428	32,927	1,109	**62,464**
Kgatleng	48,046	45,179	1,402	**94,628**
Central Serowe/ Palapye	43,484	46,667	171	**90,323**
Central Mahalapye	51,596	30,662	26	**82,284**
Central Bobonong	40,289	30,230	343	**70,861**
Central Boteti	35,471	13,417	250	**49,138**
Central Tutume	41,738	32,007	108	**73,853**
North East	47,630	16,351	159	**64,141**
Ngamiland East	23,113	24,400	33	**47,546**
Ngamiland West	23,774	4,907	5	**28,687**
Chobe	1,839	1,200	407	**3,447**
Ghanzi	6,610	13,027	5,935	**25,572**
Kgalagadi South	17,813	12,960	3,514	**34,287**
Kgalagadi North	6,103	1,901	815	**8,820**
TOTAL TRADITIONAL	**784,846**	**425,823**	**18,075**	**1,228,744**

TABLE 5.4A: GOATS INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT

District	Total Goats	Sales	Home Slaughter	Purchases	Offtake Rate	Births Rate	Deaths	Given Away	Losses
Ngwaketse	**149,294**	6,362	5,438	755	11,045	57,259	21,977	1,232	3,659
Barolong	**80,888**	2,152	3,002	857	4,298	32,798	8,845	322	2,635
Ngwaketse West	**9,222**	961	253	604	611	3,418	1,307	175	89
South East	**30,585**	859	1,101	73	1,887	12,243	4,357	98	398
Kweneng East	**222,705**	8,312	7,846	5,438	10,719	86,286	42,633	1,729	5,336
Kweneng West	**62,464**	3,188	2,359	581	4,966	25,987	17,006	855	2,380
Kgatleng	**94,628**	4,366	3,560	925	7,001	28,869	6,962	312	1,182
Central Serowe/ Palapye	**90,323**	2,849	3,367	477	5,740	35,208	13,640	578	2,068
Central Mahalapye	**82,284**	2,426	3,147	1,019	4,553	26,225	10,782	243	3,396
Central Bobonong	**70,861**	1,551	3,315	887	3,979	29,019	13,764	547	3,454
Central Boteti	**49,138**	1,759	1,429	662	2,526	19,810	8,396	282	2,377
Central Tutume	**73,853**	3,080	2,705	1,175	4,610	28,986	16,803	302	2,049
North East	**64,141**	3,606	3,848	1,403	6,051	30,618	24,862	197	5,504
Ngamiland East	**47,546**	2,590	1,539	674	3,455	22,994	15,867	398	5,353
Ngamiland West	**28,687**	1,471	1,155	343	2,283	12,192	7,428	125	1,776
Chobe	**3,447**	210	121	99	232	1,536	861	21	203
Ghanzi	**25,572**	1,824	1,416	1,362	1,878	12,864	7,878	192	1,864
Kgalagadi South	**34,287**	3,040	1,913	193	4,759	11,371	5,290	483	1,468
Kgalagadi North	**8,820**	365	454	122	697	4,541	3,141	78	524
TOTAL TRADITIONAL	**1,228,744**	**50,972**	**47,969**	**17,650**	**81,291**	**482,226**	**231,798**	**8,170**	**45,717**

TABLE 5.4B: PERCENTAGE: GOATS INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT

District	Sales	Home Slaughter	Purchases	Offtake Rate	Births Rate	Deaths Rate	Given Away	Losses
Ngwaketse	4.3	3.6	0.5	7.4	38.4	14.7	0.8	2.5
Barolong	2.7	3.7	1.1	5.3	40.5	10.9	0.4	3.3
Ngwaketse West	10.4	2.7	6.5	6.6	37.1	14.2	1.9	1.0
South East	2.8	3.6	0.2	6.2	40.0	14.2	0.3	1.3
Kweneng East	3.7	3.5	2.4	4.8	38.7	19.1	0.8	2.4
Kweneng West	5.1	3.8	0.9	8.0	41.6	27.2	1.4	3.8
Kgatleng	4.6	3.8	1.0	7.4	30.5	7.4	0.3	1.2
Central Serowe/ Palapye	3.2	3.7	0.5	6.4	39.0	15.1	0.6	2.3
Central Mahalapye	2.9	3.8	1.2	5.5	31.9	13.1	0.3	4.1
Central Bobonong	2.2	4.7	1.3	5.6	41.0	19.4	0.8	4.9
Central Boteti	3.6	2.9	1.3	5.1	40.3	17.1	0.6	4.8
Central Tutume	4.2	3.7	1.6	6.2	39.2	22.8	0.4	2.8
North East	5.6	6.0	2.2	9.4	47.7	38.8	0.3	8.6
Ngamiland East	5.4	3.2	1.4	7.3	48.4	33.4	0.8	11.3
Ngamiland West	5.1	4.0	1.2	8.0	42.5	25.9	0.4	6.2
Chobe	6.1	3.5	2.9	6.7	44.6	25.0	0.6	5.9
Ghanzi	7.1	5.5	5.3	7.3	50.3	30.8	0.8	7.3
Kgalagadi South	8.9	5.6	0.6	13.9	33.2	15.4	1.4	4.3
Kgalagadi North	4.1	5.1	1.4	7.9	51.5	35.6	0.9	5.9
TOTAL TRADITIONAL	**4.1**	**3.9**	**1.4**	**6.6**	**39.2**	**18.9**	**0.7**	**3.7**

TABLE 5.5: GOATS SALES AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Holdings Selling Goats		Total Goats Sales		Total Revenue Received (Pula)	Average Revenue (Pula) per Holding	Average Price (Pula) per Goat
	Number	Percentage	Number	Percentage			
Ngwaketse	1,149	11.0	6,362	12.5	**6,546,753**	5,699	1,029
Barolong	486	4.7	2,152	4.2	**2,209,258**	4,542	1,027
Ngwaketse West	85	0.8	961	1.9	**844,664**	9,883	879
South East	223	2.1	859	1.7	**898,539**	4,025	1,046
Kweneng East	1,555	14.9	8,312	16.3	**8,626,265**	5,549	1,038
Kweneng West	520	5.0	3,188	6.3	**3,186,203**	6,132	999
Kgatleng	666	6.4	4,366	8.6	**4,983,873**	7,489	1,142
Central Serowe/ Palapye	768	7.4	2,849	5.6	**2,863,274**	3,728	1,005
Central Mahalapye	744	7.1	2,426	4.8	**2,502,472**	3,361	1,031
Central Bobonong	524	5.0	1,551	3.0	**1,390,253**	2,653	896
Central Boteti	499	4.8	1,759	3.5	**1,769,942**	4,544	724
Central Tutume	702	6.7	3,080	6.0	**3,139,244**	4,473	1,019
North East	943	9.0	3,606	7.1	**3,468,023**	3,676	962
Ngamiland East	436	4.2	2,590	5.1	**2,517,383**	5,776	972
Ngamiland West	343	3.3	1,471	2.9	**1,444,639**	4,207	982
Chobe	84	0.8	210	0.4	**185,182**	2,208	883
Ghanzi	252	2.4	1,824	3.6	**1,820,637**	7,232	998
Kgalagadi South	382	3.7	3,040	6.0	**2,443,842**	6,673	742
Kgalagadi North	74	0.7	365	0.7	**389,531**	5,233	1,067
TOTAL TRADITIONAL	**10,435**	**100.0**	**50,972**	**100.0**	**51,229,976**	**4,909**	**1,005**

TABLE 5.6: GOATS PURCHASES AND COST INCURRED (PULA) BY DISTRICT

District	Holdings Purchasing Goats		Total Goats Purchases		Total Revenue Cost Incurred (Pula)	Average Cost (Pula) per Holding	Average Price (Pula) per Goat
	Number	Percentage	Number	Percentage			
Ngwaketse	275	6.9	755	4.3	**930,881**	3,387	1,233
Barolong	275	7.0	857	4.9	**896,135**	3,256	1,046
Ngwaketse West	79	2.0	604	3.4	**523,915**	6,597	868
South East	33	0.8	73	0.4	**69,385**	2,110	945
Kweneng East	773	19.5	5,438	30.8	**5,662,946**	7,328	1,041
Kweneng West	140	3.5	581	3.3	**618,437**	4,411	1,064
Kgatleng	154	3.9	925	5.2	**899,047**	5,856	972
Central Serowe/ Palapye	132	3.3	477	2.7	**547,246**	4,153	1,148
Central Mahalapye	307	7.8	1,019	5.8	**1,079,267**	3,510	1,059
Central Bobonong	321	8.1	887	5.0	**911,936**	2,844	1,028
Central Boteti	238	6.0	662	3.8	**912,726**	3,837	1,378
Central Tutume	393	9.9	1,175	6.7	**1,152,875**	2,934	981
North East	286	7.2	1,403	7.9	**1,438,576**	5,033	1,025
Ngamiland East	136	3.4	674	3.8	**613,496**	4,521	910
Ngamiland West	197	5.0	343	1.9	**268,472**	1,365	784
Chobe	40	1.0	99	0.6	**84,997**	2,131	858
Ghanzi	121	3.1	1,362	7.7	**1,077,543**	8,925	791
Kgalagadi South	34	0.9	193	1.1	**180,629**	5,353	934
Kgalagadi North	24	0.6	122	0.7	**115,193**	4,820	946
TOTAL TRADITIONAL	**3,956**	**100.0**	**17,650**	**100.0**	**17,983,702**	**4,546**	**1,019**

TRADITIONAL SECTOR: **SMALL STOCK (SHEEP)**

TABLE 5.7A: SHEEP HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Sheep Holdings				Total Sheep Holdings	Total Sheep				Total Sheep	Average Number of Sheep Per Holding
	Male Owned	Percentage	Female Owned	Percentage		Male Owned	Percentage	Female Owned	Percentage		
Ngwaketse	1,315	14.8	496	16.3	1,811	26,089	13.6	9,041	17.7	**35,130**	19
Barolong	606	6.8	429	14.1	1,035	14,208	7.4	5,863	11.5	**20,071**	19
Ngwaketse West	93	1.1	22	0.7	116	3,026	1.6	1,016	2.0	**4,042**	35
South East	153	1.7	36	1.2	189	2,839	1.5	427	0.8	**3,266**	17
Kweneng East	1,865	21.1	560	18.4	2,425	38,896	20.3	11,794	23.1	**50,689**	21
Kweneng West	466	5.3	112	3.7	579	8,862	4.6	1,440	2.8	**10,302**	18
Kgatleng	678	7.7	78	2.6	756	19,244	10.0	1,161	2.3	**20,405**	27
Central Serowe/ Palapye	596	6.7	214	7.0	810	9,995	5.2	2,178	4.3	**12,172**	15
Central Mahalapye	447	5.0	141	4.6	588	8,587	4.5	1,785	3.5	**10,372**	18
Central Bobonong	537	6.1	267	8.8	804	9,713	5.1	3,835	7.5	**13,548**	17
Central Boteti	191	2.2	37	1.2	399	4,425	2.3	637	1.2	**5,062**	13
Central Tutume	546	6.2	152	5.0	699	6,533	3.4	2,730	5.3	**9,263**	13
North East	284	3.2	151	4.9	435	3,470	1.8	1,142	2.2	**4,612**	11
Ngamiland East	344	3.9	66	2.2	410	8,427	4.4	918	1.8	**9,346**	23
Ngamiland West	21	0.2	9	0.3	30	777	0.4	243	0.5	**1,020**	34
Chobe	6	0.1	-	-	6	116	0.1	-	-	**116**	21
Ghanzi	297	3.4	32	1.0	329	7,271	3.8	572	1.1	**7,843**	24
Kgalagadi South	357	4.0	226	7.4	662	18,445	9.6	5,982	11.7	**24,427**	37
Kgalagadi North	52	0.6	23	0.8	75	965	0.5	261	0.5	**1,226**	16
TOTAL TRADITIONAL	**8,856**	**100.0**	**3,049**	**100.0**	**11,905**	**191,889**	**100**	**51,022**	**100**	**242,911**	**20**

TABLE 5.7B: SHEEP HOLDINGS BY AGE GROUP AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Age not known	Total Holdings
Ngwaketse	-	3	63	54	139	95	146	196	266	231	617	-	**1,811**
Barolong	-	-	15	35	80	61	48	141	111	153	390	-	**1,035**
Ngwaketse West	-	-	-	5	11	5	12	58	4	11	11	-	**116**
South East	-	-	-	-	3	20	2	49	10	7	98	-	**189**
Kweneng East	-	-	25	41	268	206	235	298	279	251	812	9	**2,425**
Kweneng West	-	-	-	5	39	60	72	69	61	64	208	-	**579**
Kgatleng	-	-	17	-	23	132	60	61	107	123	229	3	**756**
Central Serowe/ Palapye	47	-	-	31	31	65	147	24	97	59	310	-	**810**
Central Mahalapye	-	-	-	14	28	50	43	70	114	92	175	1	**588**
Central Bobonong	-	5	6	7	38	25	60	92	110	120	338	4	**804**
Central Boteti	-	-	2	11	17	14	15	17	62	26	63	-	**227**
Central Tutume	-	-	-	12	23	61	94	104	111	98	195	-	**699**
North East	-	-	-	-	38	47	61	71	52	27	139	-	**435**
Ngamiland East	-	-	10	4	31	43	35	26	84	51	125	-	**410**
Ngamiland West	-	-	-	-	1	-	4	1	-	13	11	-	**30**
Chobe	-	-	-	-	6	-	-	-	-	-	-	-	**6**
Ghanzi	-	1	23	19	40	42	21	73	39	27	43	-	**329**
Kgalagadi South	-	-	2	19	15	37	46	85	124	56	198	-	**583**
Kgalagadi North	-	-	-	5	9	18	11	14	6	4	8	-	**75**
TOTAL TRADITIONAL	**47**	**10**	**165**	**263**	**841**	**980**	**1,112**	**1,450**	**1,638**	**1,412**	**3,971**	**17**	**11,905**

TABLE 5.7C: SHEEP POPULATION BY AGE GROUP AND DISTRICT

District	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65+	Age not known	Total Sheep
Ngwaketse	-	72	772	330	2,785	1,623	3,673	3,349	4,851	5,378	12,297	-	**35,130**
Barolong	-	-	186	1,318	2,853	964	1,029	2,087	1,756	3,061	6,817	-	**20,071**
Ngwaketse West	-	-	-	109	279	73	405	2,654	80	112	330	-	**4,042**
South East	-	-	-	-	47	284	6	1,249	69	101	1,509	-	**3,266**
Kweneng East	-	-	583	1,082	8,314	4,535	4,232	4,045	6,939	4,578	16,165	217	**50,689**
Kweneng West	-	-	-	66	468	1,234	1,304	1,379	999	1,154	3,698	-	**10,302**
Kgatleng	-	-	136	-	1,727	3,644	1,759	2,436	3,872	1,575	5,252	3	**20,405**
Central Serowe/ Palapye	420	-	-	552	121	1,944	1,378	404	2,886	836	3,630	-	**12,172**
Central Mahalapye	-	-	-	584	328	1,216	678	954	2,371	1,225	2,987	30	**10,372**
Central Bobonong	-	51	13	27	867	156	1,017	1,419	2,675	1,928	5,385	11	**13,548**
Central Boteti	-	-	48	105	276	196	1,122	744	831	334	1,406	-	**5,062**
Central Tutume	-	-	-	77	65	420	588	1,487	1,034	1,650	3,941	-	**9,263**
North East	-	-	-	-	265	737	215	725	260	231	2,179	-	**4,612**
Ngamiland East	-	-	96	31	404	462	1,147	263	1,981	980	3,981	-	**9,346**
Ngamiland West	-	-	-	-	15	-	68	38	-	256	644	-	**1,020**
Chobe	-	-	-	-	116	-	-	-	-	-	-	-	**116**
Ghanzi	-	60	754	207	519	781	464	2,251	970	454	1,383	-	**7,843**
Kgalagadi South	-	-	194	381	2,664	1,389	896	3,242	3,466	3,413	8,781	-	**24,427**
Kgalagadi North	-	-	-	70	28	323	121	327	128	155	74	-	**1,226**
TOTAL TRADITIONAL	**420**	**183**	**2,782**	**4,941**	**22,141**	**19,980**	**20,102**	**29,053**	**35,166**	**27,421**	**80,460**	**262**	**242,911**

TABLE 5.8: SHEEP COMPOSITION BY DISTRICT

District	Rams (uncastrated) One Year and Over	Castrated Male sheepOne year and Over	Female Sheep One Year and Over	Male Sheep Under One Year	Female Sheep Under One Year	Total Sheep
Ngwaketse	1,477	4,624	19,559	4,543	4,928	**35,130**
Barolong	795	2,942	11,015	2,723	2,595	**20,071**
Ngwaketse West	167	353	2,118	586	819	**4,042**
South East	283	340	1,635	551	456	**3,266**
Kweneng East	2,324	6,898	28,405	6,771	6,291	**50,689**
Kweneng West	572	1,907	6,276	805	742	**10,302**
Kgatleng	1,080	2,399	11,405	2,509	3,011	**20,405**
Central Serowe/ Palapye	600	1,886	6,869	1,172	1,644	**12,172**
Central Mahalapye	591	1,629	5,949	1,170	1,033	**10,372**
Central Bobonong	1,083	1,905	7,810	1,498	1,253	**13,548**
Central Boteti	258	656	2,779	596	773	**5,062**
Central Tutume	670	1,099	5,590	870	1,034	**9,263**
North East	441	464	2,921	325	460	**4,612**
Ngamiland East	334	1,438	5,406	1,077	1,090	**9,346**
Ngamiland West	21	102	661	158	79	**1,020**
Chobe	6	-	83	17	11	**116**
Ghanzi	440	1,079	4,005	873	1,445	**7,843**
Kgalagadi South	619	2,600	14,548	3,235	3,424	**24,427**
Kgalagadi North	101	122	623	180	200	**1,226**
TOTAL TRADITIONAL	**11,862**	**32,443**	**137,658**	**29,660**	**31,288**	**242,911**

TABLE 5.9: SHEEP POPULATION BY TYPE OF BREED AND DISTRICT

District	Tswana	Crosses	Exotic	Total Sheep
Ngwaketse	28,024	5,806	1,301	**35,130**
Barolong	16,418	3,528	125	**20,071**
Ngwaketse West	1,790	1,106	1,147	**4,042**
South East	1,804	1,462	0	**3,266**
Kweneng East	35,029	14,085	1,575	**50,689**
Kweneng West	4,962	5,211	128	**10,302**
Kgatleng	6,829	9,292	4,283	**20,405**
Central Serowe/ Palapye	7,356	4,594	222	**12,172**
Central Mahalapye	7,002	3,360	10	**10,372**
Central Bobonong	6,912	4,849	1,787	**13,548**
Central Boteti	2,784	2,259	20	**5,062**
Central Tutume	5,335	3,784	144	**9,263**
North East	3,005	1,607	2	**4,614**
Ngamiland East	2,660	6,319	367	**9,346**
Ngamiland West	689	329	0	**1,018**
Chobe	0	0	116	**116**
Ghanzi	1,985	3,693	2,165	**7,843**
Kgalagadi South	7,766	9,326	7,334	**24,427**
Kgalagadi North	548	418	260	**1,226**
TOTAL TRADITIONAL	**140,897**	**81,029**	**20,985**	**242,911**

TABLE 5.10A: SHEEP INVENTORY (BIRTHS, DEATHS, OFFTAKE, …) BY DISTRICT

District	Total Sheep	Sales	Home Slaughter	Purchases	Offtake	Births	Deaths	Given Away	Losses
Ngwaketse	**35,130**	1,066	1,101	411	1,755	12,014	3,797	114	1,264
Barolong	**20,071**	798	460	274	985	6,114	1,294	117	614
Ngwaketse West	**4,042**	746	216	71	891	1,543	305	-	350
South East	**3,266**	166	114	182	98	1,339	839	26	62
Kweneng East	**50,689**	2,915	1,539	600	3,855	17,456	9,869	104	638
Kweneng West	**10,302**	491	465	257	699	2,532	1,788	-	368
Kgatleng	**20,405**	1,788	1,195	307	2,676	6,367	1,261	254	205
Central Serowe/ Palapye	**12,172**	110	306	89	327	3,689	1,364	70	379
Central Mahalapye	**10,372**	195	466	123	537	2,740	798	17	419
Central Bobonong	**13,548**	318	593	205	706	4,402	2,475	39	557
Central Boteti	**5,062**	159	206	172	193	1,851	694	23	204
Central Tutume	**9,263**	176	308	78	405	2,411	1,296	19	245
North East	**4,612**	330	368	103	595	1,429	1,660	115	245
Ngamiland East	**9,346**	693	192	206	679	3,261	1,879	21	721
Ngamiland West	**1,020**	26	14	-	40	304	106	4	16
Chobe	**116**	28	-	-	28	55	50	-	-
Ghanzi	**7,843**	481	362	32	811	3,255	1,524	38	394
Kgalagadi South	**24,427**	2,726	957	238	3,444	8,401	3,082	112	881
Kgalagadi North	**1,226**	19	56	105	(30)	507	290	-	68
TOTAL TRADITIONAL	**242,911**	**13,230**	**8,919**	**3,454**	**18,695**	**79,669**	**34,369**	**1,073**	**7,630**

() Denotes negative figure

TABLE 5.10B: PERCENTAGE: SHEEP INVENTORY (BIRTHS, DEATHS, OFFTAKE, …) BY DISTRICT

District	Sales	Home Slaughter	Purchases	Offtake	Births	Deaths	Given Away	Losses
Ngwaketse	3.0	3.1	1.2	5.0	34.2	10.8	0.3	3.6
Barolong	4.0	2.3	1.4	4.9	30.5	6.4	0.6	3.1
Ngwaketse West	18.5	5.3	1.8	22.1	38.2	7.5	-	8.7
South East	5.1	3.5	5.6	3.0	41.0	25.7	0.8	1.9
Kweneng East	5.8	3.0	1.2	7.6	34.4	19.5	0.2	1.3
Kweneng West	4.8	4.5	2.5	6.8	24.6	17.4	-	3.6
Kgatleng	8.8	5.9	1.5	13.1	31.2	6.2	1.2	1.0
Central Serowe/ Palapye	0.9	2.5	0.7	2.7	30.3	11.2	0.6	3.1
Central Mahalapye	1.9	4.5	1.2	5.2	26.4	7.7	0.2	4.0
Central Bobonong	2.3	4.4	1.5	5.2	32.5	18.3	0.3	4.1
Central Boteti	3.1	4.1	3.4	3.8	36.6	13.7	0.5	4.0
Central Tutume	1.9	3.3	0.8	4.4	26.0	14.0	0.2	2.6
North East	7.2	8.0	2.2	12.9	31.0	36.0	2.5	5.3
Ngamiland East	7.4	2.1	2.2	7.3	34.9	20.1	0.2	7.7
Ngamiland West	2.6	1.4	-	4.0	29.8	10.4	0.4	1.5
Chobe	23.8	-	-	23.8	47.6	42.9	-	-
Ghanzi	6.1	4.6	0.4	10.3	41.5	19.4	0.5	5.0
Kgalagadi South	11.2	3.9	1.0	14.1	34.4	12.6	0.5	3.6
Kgalagadi North	1.5	4.6	8.6	(2.5)	41.3	23.6	-	5.5
TOTAL TRADITIONAL	**5.4**	**3.7**	**1.4**	**7.7**	**32.8**	**14.1**	**0.4**	**3.1**

() Denotes negative figure

TABLE 5.11: SHEEP SALES AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Holdings Selling Sheep		Total Sheep Sales		Total Revenue Reveived (Pula)	Average Revenue (Pula) per Holding	Average Price (Pula) per Sheep
	Number	Percentage	Number	Percentage			
Ngwaketse	299	12.5	1,066	8.1	**1,121,514**	3,753	1,052
Barolong	149	6.2	798	6.0	**854,725**	5,751	1,071
Ngwaketse West	29	1.2	746	5.6	**789,223**	27,500	1,058
South East	49	2.0	166	1.3	**167,330**	3,424	1,008
Kweneng East	521	21.8	2,915	22.0	**2,925,905**	5,619	1,004
Kweneng West	77	3.2	491	3.7	**544,622**	7,033	1,110
Kgatleng	314	13.1	1,788	13.5	**2,057,029**	6,557	1,151
Central Serowe/ Palapye	43	1.8	110	0.8	**108,708**	2,503	986
Central Mahalapye	91	3.8	195	1.5	**235,561**	2,583	1,211
Central Bobonong	103	4.3	318	2.4	**323,839**	3,145	1,019
Central Boteti	72	3.0	159	1.2	**177,162**	2,455	1,115
Central Tutume	60	2.5	176	1.3	**178,853**	2,968	1,019
North East	100	4.2	330	2.5	**340,280**	3,409	1,030
Ngamiland East	116	4.8	693	5.2	**748,804**	6,480	1,080
Ngamiland West	7	0.3	26	0.2	**38,815**	5,870	1,480
Chobe	6	0.2	28	0.2	**27,506**	5,000	1,000
Ghanzi	127	5.3	481	3.6	**472,884**	3,733	984
Kgalagadi South	225	9.4	2,726	20.6	**2,410,023**	10,716	884
Kgalagadi North	8	0.3	19	0.1	**22,136**	2,925	1,188
TOTAL TRADITIONAL	**2,393**	**100.0**	**13,230**	**100.0**	**13,544,920**	**5,659**	**1,024**

TABLE 5.12: SHEEP PURCHASES AND COST INCURRED (PULA) BY DISTRICT

District	Holdings Selling Sheep		Total Sheep Sales		Total Revenue Reveived (Pula)	Average Revenue (Pula) per Holding	Average Price (Pula) per Sheep
	Number	Percentage	Number	Percentage			
Ngwaketse	84	27.9	411	30.9	**631,473**	7,508	1,536
Barolong	105	13.9	274	23.1	**289,923**	2,764	1,059
Ngwaketse West	23	2.7	71	21.6	**54,287**	2,315	764
South East	23	4.6	182	4.8	**181,964**	8,000	1,000
Kweneng East	195	48.7	600	84.4	**767,147**	3,939	1,279
Kweneng West	36	7.2	257	14.2	**262,633**	7,340	1,023
Kgatleng	115	29.3	307	51.8	**381,183**	3,312	1,240
Central Serowe/ Palapye	33	4.1	89	3.2	**146,441**	4,436	1,650
Central Mahalapye	44	8.5	123	5.6	**131,382**	2,983	1,065
Central Bobonong	115	9.6	205	9.2	**237,463**	2,061	1,159
Central Boteti	85	6.7	172	4.6	**177,026**	2,077	1,029
Central Tutume	46	5.6	78	5.1	**96,753**	2,123	1,242
North East	59	9.3	103	9.6	**102,709**	1,734	994
Ngamiland East	37	10.8	206	20.1	**187,212**	5,109	908
Ngamiland West	-	-	-	-	**-**	-	-
Chobe	-	-	-	-	**-**	-	-
Ghanzi	22	11.8	32	13.9	**49,816**	2,255	1,562
Kgalagadi South	30	21.0	238	78.9	**264,133**	8,731	1,108
Kgalagadi North	17	0.7	105	0.5	**114,360**	6,630	1,087
TOTAL TRADITIONAL	**1,069**	**223.8**	**3,454**	**383.0**	**4,075,905**	**3,812**	**1,180**

TRADITIONAL SECTOR: OTHER LIVESTOCK

TABLE 6.1A DONKEYS: TOTAL HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Donkeys Holdings					Total Donkeys					
	Male Owned	Percentage	Female Owned	Percentage	Total Holdings	Male Owned	Percentage	Female Owned	Percentage	Total Donkeys	Average Number of Donkeys per Holding
Ngwaketse	1,251	8.2	601	9.1	**1,852**	8,003	8.8	3,738	10.9	**11,741**	6
Barolong	868	5.7	421	6.4	**1,289**	6,763	7.4	2,584	7.5	**9,347**	7
Ngwaketse West	163	1.1	24	0.4	**187**	1,487	1.6	86	0.2	**1,573**	8
South East	174	1.1	52	0.8	**226**	1,150	1.3	235	0.7	**1,385**	6
Kweneng East	2,569	16.9	885	13.4	**3,454**	13,929	15.3	4,591	13.4	**18,520**	5
Kweneng West	816	5.4	361	5.5	**1,177**	4,466	4.9	1,635	4.8	**6,101**	5
Kgatleng	339	2.2	5	0.1	**344**	2,850	3.1	592	1.7	**3,442**	10
Central Serowe/ Palapye	1,113	7.3	376	5.7	**1,489**	6,230	6.8	1,854	5.4	**8,084**	5
Central Mahalapye	1,250	8.2	731	11.1	**1,980**	8,515	9.4	3,431	10.0	**11,946**	6
Central Bobonong	941	6.2	576	8.7	**1,517**	6,444	7.1	3,670	10.7	**10,114**	7
Central Boteti	602	4.0	261	3.9	**863**	3,638	4.0	1,163	3.4	**4,801**	6
Central Tutume	788	5.2	390	5.9	**1,178**	4,353	4.8	1,836	5.4	**6,189**	5
North East	862	5.7	692	10.5	**1,555**	5,597	6.1	4,045	11.8	**9,642**	6
Ngamiland East	1,026	6.7	261	3.9	**1,287**	5,656	6.2	1,055	3.1	**6,711**	5
Ngamiland West	1,606	10.6	580	8.8	**2,186**	7,913	8.7	2,086	6.1	**9,999**	5
Chobe	21	0.1	10	0.1	**30**	88	0.1	35	0.1	**123**	4
Ghanzi	383	2.5	162	2.4	**545**	1,851	2.0	558	1.6	**2,408**	4
Kgalagadi South	359	2.4	223	3.4	**581**	1,705	1.9	962	2.8	**2,667**	5
Kgalagadi North	82	0.5	-	-	**82**	428	0.5	151	0.4	**579**	7
TOTAL TRADITIONAL	**15,213**	**100.0**	**6,611**	**100.0**	**21,824**	**91,066**	**100.0**	**34,308**	**100.0**	**125,374**	**6**

TABLE 6.1B MULES: TOTAL HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Mules Holdings					Total Mules					
	Male Owned	Percentage	Female Owned	Percentage	Total Holdings	Male Owned	Percentage	Female Owned	Percentage	Total Mules	Average Number of Mules per Holding
Ngwaketse	24	16.1	-	-	**24**	65	0.1	-	-	**65**	3
Barolong	13	9.1	-	-	**13**	28	0.0	-	-	**28**	2
Ngwaketse West	-	-	-	-	**-**	-	-	-	-	**-**	-
South East	-	-	-	-	**-**	-	-	-	-	**-**	-
Kweneng East	8	5.7	-	-	**8**	17	0.0	-	-	**17**	2
Kweneng West	16	10.4	6	0.1	**22**	20	0.0	18	0.1	**38**	2
Kgatleng	-	-	-	-	**-**	-	-	-	-	**-**	-
Central Serowe/ Palapye	-	-	-	-	**-**	-	-	-	-	**-**	-
Central Mahalapye	9	5.8	-	-	**9**	26	0.0	-	-	**26**	3
Central Bobonong	-	-	5	0.1	**5**	-	-	15	0.0	**15**	3
Central Boteti	-	-	-	-	**-**	-	-	-	-	**-**	-
Central Tutume	-	-	-	-	**-**	-	-	-	-	**-**	-
North East	-	-	-	-	**-**	-	-	-	-	**-**	-
Ngamiland East	-	-	9	0.1	**9**	-	-	17	0.1	**17**	2
Ngamiland West	-	-	-	-	**-**	-	-	-	-	**-**	-
Chobe	-	-	-	-	**-**	-	-	-	-	**-**	-
Ghanzi	4	2.7	-	-	**4**	44	0.0	-	-	**44**	11
Kgalagadi South	68	45.5	23	0.3	**91**	119	0.1	46	0.1	**165**	2
Kgalagadi North	7	4.7	-	-	**7**	12	0.0	-	-	**12**	2
TOTAL TRADITIONAL	**149**	**100**	**43**	**100**	**192**	**330**	**100**	**97**	**100**	**426**	**2**

TABLE 6.2 DONKEYS: TOTAL SALES AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Holdings Selling Donkeys		Total Donkey Sales		Total Revenue Received (Pula)	Average Revenue Per Holding (Pula)	Average Price Per Donkey (Pula)
	Number	Percentage	Number	Percentage			
Ngwaketse	4	0.7	4	0.3	2,751	700	700
Barolong	30	5.4	48	3.8	28,323	956	586
Ngwaketse West	14	2.6	57	4.5	57,398	4,000	1,000
South East	-	-	-	-	-	-	-
Kweneng East	13	2.4	32	2.5	20,779	1,559	647
Kweneng West	6	1.1	24	1.9	14,489	2,400	600
Kgatleng	20	3.6	40	7.2	19,863	3,616	658
Central Serowe/ Palapye	21	3.8	41	7.4	19,888	3,621	659
Central Mahalapye	158	28.7	271	21.3	258,334	1,640	952
Central Bobonong	84	15.3	175	13.8	139,898	1,664	797
Central Boteti	74	13.4	177	13.9	96,978	1,315	549
Central Tutume	23	4.2	65	5.2	47,957	2,085	732
North East	23	4.2	36	2.8	31,181	1,346	862
Ngamiland East	14	2.6	176	13.9	108,146	7,461	614
Ngamiland West	50	9.2	98	7.7	85,079	1,689	869
Chobe	1	0.2	2	0.2	2,000	2,000	1,000
Ghanzi	9	1.7	14	1.1	5,690	600	400
Kgalagadi South	-	-	-	-	-	-	-
Kgalagadi North	5	0.9	9	0.7	3,757	800	400
TOTAL TRADITIONAL	**549**	**100.0**	**1,271**	**100.0**	**942,512**	**1,716**	**742**

TABLE 6.3 CHICKENS: TOTAL HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Chicken Holdings					Total Chickens					
	Male Owned	Percentage	Female Owned	Percentage	Total Holdings	Male Owned	Percentage	Female Owned	Percentage	Total Chickens	Average Chickens Per holdings
Ngwaketse	2,335	10.2	1,195	8.7	**3,530**	31,814	9.0	13,592	8.2	**45,406**	13
Barolong	1,701	7.5	1,645	12.0	**3,347**	23,314	6.6	17,560	10.6	**40,873**	12
Ngwaketse West	181	0.8	38	0.3	**219**	2,530	0.7	661	0.4	**3,192**	15
South East	438	1.9	153	1.1	**592**	7,752	2.2	1,166	0.7	**8,917**	15
Kweneng East	3,706	16.3	1,887	13.8	**5,594**	55,436	15.6	25,722	15.5	**81,159**	15
Kweneng West	1,302	5.7	537	3.9	**1,840**	24,460	6.9	6,744	4.1	**31,204**	17
Kgatleng	1,773	7.8	346	2.5	**2,119**	39,406	11.1	5,554	3.3	**44,960**	21
Central Serowe/ Palapye	1,972	8.6	719	5.3	**2,692**	34,526	9.7	11,327	6.8	**45,853**	17
Central Mahalapye	1,546	6.8	1,184	8.7	**2,730**	23,093	6.5	13,117	7.9	**36,210**	13
Central Bobonong	1,257	5.5	732	5.4	**1,989**	19,371	5.5	10,940	6.6	**30,311**	15
Central Boteti	614	2.7	321	2.3	**934**	9,081	2.6	3,175	1.9	**12,256**	13
Central Tutume	1,590	7.0	792	5.8	**2,381**	30,149	8.5	8,944	5.4	**39,094**	16
North East	1,928	8.5	2,515	18.4	**4,443**	27,692	7.8	33,727	20.3	**61,420**	14
Ngamiland East	724	3.2	296	2.2	**1,020**	7,572	2.1	2,234	1.3	**9,806**	10
Ngamiland West	867	3.8	738	5.4	**1,606**	7,749	2.2	5,328	3.2	**13,077**	8
Chobe	162	0.7	136	1.0	**298**	4,155	1.2	1,802	1.1	**5,958**	20
Ghanzi	434	1.9	165	1.2	**599**	4,006	1.1	1,497	0.9	**5,504**	9
Kgalagadi South	266	1.2	217	1.6	**483**	1,870	0.5	1,796	1.1	**3,666**	8
Kgalagadi North	7	0.0	45	0.3	**52**	1,010	0.3	1,019	0.6	**2,028**	39
TOTAL TRADITIONAL	**22,804**	**100.0**	**13,660**	**100.0**	**36,464**	**354,986**	**100.0**	**165,907**	**100.0**	**520,893**	**14**

TABLE 6.4 CHICKENS: TOTAL SALES AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Holdings Selling Chickens		Total Chicken Sales		Total Revenue Received (Pula)	Average Revenue (Pula) per Holding	Average Price (Pula) per Chicken
	Number	Percentage	Number	Percentage			
Ngwaketse	238	12.6	1,774	10.0	**128,997**	543	73
Barolong	134	7.1	911	5.2	**74,703**	556	82
Ngwaketse West	-	-	-	-	**-**	-	-
South East	28	1.5	593	3.4	**59,211**	2,127	100
Kweneng East	123	6.5	769	4.4	**58,228**	472	76
Kweneng West	60	3.2	701	4.0	**57,150**	956	81
Kgatleng	209	11.1	2,421	13.7	**663,963**	3,177	274
Central Serowe/ Palapye	71	3.7	1,103	6.2	**59,945**	848	54
Central Mahalapye	116	6.2	609	3.4	**49,353**	425	81
Central Bobonong	176	9.3	2,563	14.5	**280,612**	1,591	109
Central Boteti	78	4.1	288	1.6	**34,598**	443	120
Central Tutume	163	8.6	2,663	15.1	**144,482**	886	54
North East	357	18.9	2,535	14.3	**176,302**	494	70
Ngamiland East	15	0.8	24	0.1	**1,456**	100	60
Ngamiland West	35	1.9	98	0.6	**4,683**	132	48
Chobe	76	4.0	556	3.1	**30,709**	406	55
Ghanzi	3	0	28	0	**2,608**	-	-
Kgalagadi South	6	0.3	30	0.2	**2,270**	372	74
Kgalagadi North	-	-	-	-	**-**	-	-
TOTAL TRADITIONAL	**1,889**	**100.0**	**17,668**	**100.0**	**1,829,270**	**969**	**104**

TABLE 6.5 HORSES: TOTAL HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Horse Holdings				Total Holdings	Total Horses				Total Horses	Average Number of Horses per Holding
	Male Owned	Percentage	Female Owned	Percentage		Male Owned	Percentage	Female Owned	Percentage		
Ngwaketse	233	5.8	29	4.6	**262**	828	4.7	86	4.5	**913**	3
Barolong	98	2.5	18	2.9	**117**	285	1.6	39	2.1	**324**	3
Ngwaketse West	192	4.8	14	2.2	**206**	1,367	7.7	44	2.3	**1,411**	7
South East	3	0.1	-	-	**3**	7	0.0	-	-	**7**	2
Kweneng East	63	1.6	0	0.0	**64**	180	1.0	26	1.3	**206**	3
Kweneng West	611	15.2	9	1.4	**620**	2,221	12.6	326	17.0	**2,547**	4
Kgatleng	108	2.7	8	1.2	**116**	530	3.0	38	2.0	**569**	5
Central Serowe/ Palapye	7	0.2	17	2.6	**24**	225	1.3	51	2.7	**277**	12
Central Mahalapye	199	5.0	35	5.5	**234**	528	3.0	64	3.3	**592**	3
Central Bobonong	91	2.3	1	0.1	**92**	274	1.6	20	1.0	**294**	3
Central Boteti	526	13.1	93	14.9	**619**	2,318	13.1	257	13.4	**2,575**	4
Central Tutume	8	0.2	38	6.1	**46**	360	2.0	71	3.7	**431**	9
North East	30	1	-	-	**30**	238	1	-	-	**238**	-
Ngamiland East	595	14.8	108	17.2	**703**	2,060	11.7	318	16.6	**2,378**	3
Ngamiland West	484	12.1	40	6.3	**524**	1,463	8.3	98	5.1	**1,562**	3
Chobe	-	-	-	-	**-**	-	-	-	-	**-**	-
Ghanzi	400	10.0	90	14.4	**491**	3,004	17.0	168	8.7	**3,172**	6
Kgalagadi South	240	6.0	99	15.9	**340**	989	5.6	238	12.4	**1,227**	4
Kgalagadi North	122	3.0	28	4.5	**150**	805	4.6	77	4.0	**883**	6
TOTAL TRADITIONAL	**4,012**	**100**	**625**	**100**	**4,637**	**17,682**	**100**	**1,923**	**100**	**19,604**	**4**

TABLE 6.6 HORSES: TOTAL SALES AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Holdings Selling Horses		Total Horse Sales		Total Revenue Received (Pula)	Average Revenue (Pula) per Holding	Average Price (Pula) per Horse
	Number	Percentage	Number	Percentage			
Ngwaketse	6	-	6	-	**30,450**	5,033	5,033
Barolong	2	1	5	1	**17,325**	10,500	3,500
Ngwaketse West	14	10	43	11	**129,146**	9,000	3,000
South East	-	-	-	-	**-**	-	-
Kweneng East	-	-	-	-	**-**	-	-
Kweneng West	-	-	-	-	**-**	-	-
Kgatleng	8	5	23	6	**114,632**	15,000	5,000
Central Serowe/ Palapye	-	-	-	-	**-**	-	-
Central Mahalapye	30	21	52	13	**275,230**	9,233	5,341
Central Bobonong	-	-	-	-	**-**	-	-
Central Boteti	31	21	62	16	**230,577**	7,559	3,735
Central Tutume	8	6	12	3	**33,833**	4,145	2,820
North East	-	-	-	-	**-**	-	-
Ngamiland East	5	4	27	7	**26,750**	5,000	1,000
Ngamiland West	3	2	6	-	**23,157**	6,938	3,835
Chobe	-	-	-	-	**-**	-	-
Ghanzi	19	14	113	-	**689,056**	-	-
Kgalagadi South	6	4	12	3	**57,889**	10,000	5,000
Kgalagadi North	12	8	22	-	**87,476**	-	-
TOTAL TRADITIONAL	**144**	**100**	**382**	**100**	**1,715,520**	**11,930**	**4,494**

TABLE 6.7 PIGS: TOTAL HOLDINGS AND POPULATION BY GENDER AND DISTRICT

District	Pig Holdings					Pig Population					
	Male Owned	Percentage	Female Owned	Percentage	Total Holdings	Male Owned	Percentage	Female Owned	Percentage	Total Pigs	Average Number of Pigs per Holding
Ngwaketse	20	5.7	14	10.7	**34**	217	3.1	250	6.3	**467**	-
Barolong	7	1.9	3	2.2	**9**	29	0.4	9	0.2	**38**	4
Ngwaketse West	-	-	-	-	**-**	-	-	-	-	**-**	-
South East	30	8.4	8	5.9	**37**	218	3.1	79	2.0	**297**	8
Kweneng East	154	43.5	72	55.5	**226**	4,535	64.9	3,179	79.6	**7,715**	34
Kweneng West	-	-	-	-	**-**	-	-	-	-	**-**	-
Kgatleng	65	18.3	26	20.1	**91**	1,039	14.9	422	10.6	**1,461**	16
Central Serowe/ Palapye	12	3.5	-	-	**12**	174	2.5	-	-	**174**	-
Central Mahalapye	12	3.4	7	5.5	**19**	147	2.1	57	1.4	**204**	-
Central Bobonong	20	5.5	-	-	**20**	54	0.8	-	-	**54**	3
Central Boteti	-	-	-	-	**-**	-	-	-	-	**-**	-
Central Tutume	8	2.2	-	-	**8**	161	2.3	-	-	**161**	20
North East	-	-	-	-	**-**	-	-	-	-	**-**	-
Ngamiland East	1	0.3	-	-	**1**	6	0.1	-	-	**6**	-
Ngamiland West	-	-	-	-	**-**	-	-	-	-	**-**	-
Chobe	19	5.2	-	-	**19**	327	4.7	-	-	**327**	-
Ghanzi	8	2.2	-	-	**8**	85	1.2	-	-	**85**	11
Kgalagadi South	-	-	-	-	**-**	-	-	-	-	**-**	-
Kgalagadi North	-	-	-	-	**-**	-	-	-	-	**-**	-
TOTAL TRADITIONAL	**355**	**100.0**	**129**	**100.0**	**484**	**6,992**	**100.0**	**3,996**	**100.0**	**10,988**	**23**

TABLE 6.8 PIGS: TOTAL SALES AND TOTAL REVENUE RECEIVED (PULA) BY DISTRICT

District	Holdings Selling Pigs		Total Pigs Sales		Total Revenue Received (Pula)	Average Revenue (Pula) per Holding	Average Price (Pula) per Pig
	Number	Percentage	Number	Percentage			
Ngwaketse	3	2.0	8	0.4	**23,577**	9,000	3,000
Barolong	3	2.2	6	0.3	**10,064**	3,500	1,750
Ngwaketse West	-	-	-	-	**-**	-	-
South East	13	10.0	63	3.6	**68,679**	5,216	1,093
Kweneng East	14	10.9	44	2.5	**65,952**	4,600	1,485
Kweneng West	-	-	-	-	**-**	-	-
Kgatleng	35	26.4	232	13.2	**525,988**	15,144	2,263
Central Serowe/ Palapye	12	9.5	186	10.6	**149,150**	12,000	800
Central Mahalapye	3	2.1	19	1.1	**73,705**	27,000	3,857
Central Bobonong	15	11.2	44	2.5	**53,014**	3,600	1,200
Central Boteti	-	-	-	-	**-**	-	-
Central Tutume	-	-	-	-	**-**	-	-
North East	-	-	-	-	**-**	-	-
Ngamiland East	-	-	-	-	**-**	-	-
Ngamiland West	-	-	-	-	**-**	-	-
Chobe	26	19.9	1,109	62.8	**1,664,219**	63,750	1,500
Ghanzi	8	5.9	54	3.1	**115,503**	15,000	2,143
Kgalagadi South	-	-	-	-	**-**	-	-
Kgalagadi North	-	-	-	-	**-**	-	-
TOTAL TRADITIONAL	**131**	**100.0**	**1,766**	**100.0**	**2,749,851**	**20,924**	**1,557**

TRADITIONAL SECTOR: **CROP PRODUCTION**

TABLE 7.1: LAND HOLDINGS, LAND AREA (HECTARES) AND FIELDS BY GENDER AND DISTRICT

District	Land Holdings		Total Land Holdings	Land Area (HA)		Total Land Area (HA)	Land Area Per Holding (HA)	Total Fields		Total Fields	Number of Fields Per Holding
	Male Owned	Female Owned		Male Owned	Female Owned			Male Owned	Female Owned		
Ngwaketse	2,004	985	2,989	10,839	4,625	**15,464**	5	3,692	1,764	**5,456**	2
Barolong	1,112	824	1,936	7,884	4,837	**12,720**	7	2,136	1,573	**3,709**	2
Ngwaketse West	138	61	200	1,216	363	**1,579**	8	286	149	**435**	2
South East	353	108	461	1,010	332	**1,341**	3	1,017	214	**1,230**	3
Kweneng East	3,617	1,718	5,336	15,210	6,638	**21,848**	4	7,640	3,597	**11,237**	2
Kweneng West	769	478	1,247	3,900	1,746	**5,646**	5	1,709	1,070	**2,779**	2
Kgatleng	1,115	303	1,418	5,068	1,355	**6,423**	5	2,868	868	**3,735**	3
Central Serowe/ Palapye	1,141	654	1,795	3,974	2,034	**6,008**	3	2,831	1,601	**4,432**	2
Central Mahalapye	1,591	1,151	2,742	5,343	3,109	**8,452**	3	3,671	2,473	**6,144**	2
Central Bobonong	778	627	1,404	2,752	2,109	**4,861**	3	1,479	1,029	**2,507**	2
Central Boteti	243	123	366	549	245	**794**	3	350	184	**534**	1
Central Tutume	1,038	659	1,698	3,325	1,880	**5,205**	3	1,308	979	**2,287**	1
North East	2,042	2,256	4,298	5,788	5,583	**11,371**	3	2,769	2,777	**5,546**	1
Ngamiland East	450	293	744	968	614	**1,582**	2	602	358	**961**	1
Ngamiland West	1,431	1,449	2,880	5,252	4,691	**9,943**	3	1,609	1,553	**3,162**	1
Chobe	161	195	356	1,463	1,197	**2,660**	7	208	265	**473**	1
Ghanzi	146	113	259	639	507	**1,146**	4	236	189	**425**	2
Kgalagadi South	13	12	26	55	25	**79**	4	13	12	**26**	1
Kgalagadi North	38	20	58	194	100	**294**	5	71	30	**101**	2
TOTAL TRADITIONAL	**18,181**	**12,031**	**30,212**	**75,426**	**41,989**	**117,416**	**4**	**34,495**	**20,686**	**55,180**	**2**

TABLE 7.2: HOLDINGS PLANTED AND AREA PLANTED (HECTARES) BY GENDER AND DISTRICT

District	Holdings Planted		Total Holdings Planted	Area Planted (HA)		Total Area Planted (HA)	Area Planted Per Crop Holding(HA)	Total Fields Planted		Total Fields Planted	Fields Planted Per Holding
	Male Owned	Female Owned		Male Owned	Female Owned			Male Owned	Female Owned		
Ngwaketse	1,541	774	**2,315**	7,333	3,319	**10,651**	5	2,980	1,439	**4,419**	2
Barolong	906	644	**1,550**	5,845	3,840	**9,685**	6	1,885	1,353	**3,239**	2
Ngwaketse West	100	49	**149**	831	266	**1,098**	7	217	131	**348**	2
South East	320	86	**406**	878	275	**1,153**	3	971	191	**1,162**	3
Kweneng East	3,274	1,244	**4,518**	12,881	4,751	**17,632**	4	7,035	3,096	**10,131**	2
Kweneng West	690	430	**1,121**	3,365	1,570	**4,935**	4	1,630	1,023	**2,653**	2
Kgatleng	948	267	**1,215**	4,057	1,069	**5,127**	4	2,627	794	**3,421**	3
Central Serowe/ Palapye	1,024	524	**1,548**	3,251	1,576	**4,827**	3	2,646	1,435	**4,081**	3
Central Mahalapye	1,507	1,122	**2,630**	4,202	2,906	**7,108**	3	3,165	2,332	**5,496**	2
Central Bobonong	726	560	**1,286**	2,217	1,714	**3,931**	3	1,241	841	**2,082**	2
Central Boteti	145	94	**238**	347	160	**507**	2	211	137	**348**	1
Central Tutume	782	485	**1,267**	2,876	1,526	**4,402**	3	1,007	716	**1,724**	1
North East	1,783	1,848	**3,631**	4,827	3,915	**8,743**	2	2,345	2,125	**4,470**	1
Ngamiland East	280	204	**485**	534	357	**891**	2	382	224	**606**	1
Ngamiland West	750	831	**1,580**	2,197	2,452	**4,649**	3	755	831	**1,585**	1
Chobe	143	174	**317**	1,285	1,098	**2,383**	8	165	239	**404**	1
Ghanzi	49	64	**113**	225	224	**449**	4	130	118	**248**	2
Kgalagadi South	-	-	**-**	-	-	**-**	-	-	-	**-**	-
Kgalagadi North	19	7	**26**	80	35	**115**	4	41	17	**58**	2
TOTAL TRADITIONAL	**14,988**	**9,408**	**24,396**	**57,233**	**31,055**	**88,288**	**4**	**29,434**	**17,041**	**46,475**	**2**

TABLE 7.3 HOLDINGS HARVESTED AND AREA HARVESTED (HECTARES) BY DISTRICT

District	Holdings Harvested		Total Holdings Harvested	Area Harvested (HA)		Total Area Harvested (HA)	Area Harvested Per Holding
	Male	Female		Male	Female		
Ngwaketse	649	198	**847**	1,455	534	**1,989**	2
Barolong	359	191	**550**	1,584	825	**2,410**	4
Ngwaketse West	49	6	**55**	182	30	**212**	4
South East	150	4	**154**	291	1	**292**	2
Kweneng East	1,129	316	**1,445**	2,212	708	**2,920**	2
Kweneng West	289	114	**403**	959	435	**1,394**	3
Kgatleng	373	120	**493**	550	211	**761**	2
Central Serowe/ Palapye	372	181	**553**	959	354	**1,313**	2
Central Mahalapye	964	660	**1,625**	1,201	660	**1,860**	1
Central Bobonong	510	398	**908**	1,024	902	**1,926**	2
Central Boteti	75	78	**154**	194	89	**284**	2
Central Tutume	507	285	**792**	1,429	630	**2,059**	3
North East	1,247	1,268	**2,515**	1,994	1,463	**3,457**	1
Ngamiland East	49	20	**68**	19	20	**39**	1
Ngamiland West	108	61	**169**	257	83	**341**	2
Chobe	80	85	**165**	826	647	**1,473**	9
Ghanzi	10	39	**48**	25	68	**94**	2
Kgalagadi South	-	-	**-**	-	-	**-**	-
Kgalagadi North	4	7	**11**	20	21	**41**	4
TOTAL TRADITIONAL	**6,923**	**4,033**	**10,956**	**15,183**	**7,683**	**22,866**	**2**

TABLE 7.4: HOLDINGS PLANTED BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Groundnuts	Water Melons	Melons	Sweet Reeds	Other Crops
Ngwaketse	380	2,400	2,297	11	46	3	860	395	928	196
Barolong	471	1,608	1,359	-	69	15	119	36	208	87
Ngwaketse West	35	149	145	-	6	-	6	11	2	-
South East	114	461	438	-	3	-	363	220	173	128
Kweneng East	1,500	4,519	4,608	60	77	72	2,262	817	1,697	895
Kweneng West	400	1,286	1,123	17	24	50	362	301	316	174
Kgatleng	572	1,147	1,195	29	31	2	892	445	303	529
Central Serowe	1,024	1,328	1,700	109	45	81	981	126	413	245
Central Mahalapye	3,138	2,617	4,812	120	66	273	2,717	390	690	561
Central Bobonong	1,088	1,126	1,517	385	199	219	1,275	332	448	557
Central Boteti	63	288	278	37	15	74	231	79	100	68
Central Tutume	1,226	1,138	1,471	708	86	234	831	465	572	341
North East	3,799	3,300	4,551	2,285	180	1,202	2,468	1,832	1,851	1,173
Ngamiland East	102	466	451	85	-	69	405	105	353	361
Ngamiland West	884	1,390	1,658	1,301	-	248	1,241	228	935	444
Chobe	247	78	143	1	-	-	31	20	32	15
Ghanzi	8	105	106	-	-	-	8	29	5	1
Kgalagadi South	-	-	-	-	-	-	-	-	-	-
Kgalagadi North	8	18	17	-	-	-	-	-	3	4
TOTAL TRADITIONAL	**15,058**	**23,424**	**27,869**	**5,149**	**848**	**2,541**	**15,052**	**5,831**	**9,030**	**5,778**

TABLE 7.5: HOLDINGS HARVESTED BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Groundnuts	Water Melons	Melons	Sweet Reeds	Other Crops
Ngwaketse	108	879	844	11	-	3	348	238	415	106
Barolong	134	576	457	-	56	15	49	29	84	38
Ngwaketse West	14	55	55	-	-	-	-	-	2	-
South East	91	158	184	-	3	-	150	76	59	78
Kweneng East	430	1,472	1,478	43	13	23	843	407	613	460
Kweneng West	99	497	414	17	24	31	151	135	145	100
Kgatleng	231	460	523	11	10	2	366	217	211	249
Central Serowe	423	435	644	80	24	61	428	80	128	170
Central Mahalapye	2,345	1,685	3,237	40	61	175	1,726	332	461	282
Central Bobonong	815	811	1,130	305	175	173	929	251	353	383
Central Boteti	36	192	211	21	15	54	165	49	60	48
Central Tutume	797	713	921	511	48	183	539	323	337	254
North East	2,674	2,178	3,227	1,697	127	836	1,808	1,350	1,248	1,006
Ngamiland East	18	68	65	18	-	11	59	6	49	22
Ngamiland West	114	154	175	153	-	24	109	18	56	23
Chobe	131	32	80	-	-	-	15	16	10	15
Ghanzi	-	47	48	-	-	-	8	12	-	1
Kgalagadi South	-	-	-	-	-	-	-	-	-	-
Kgalagadi North	4	7	7	-	-	-	8	-	3	-
TOTAL TRADITIONAL	**8,462**	**10,418**	**13,702**	**2,905**	**556**	**1,589**	**7,701**	**3,539**	**4,234**	**3,235**

TABLE 7.6: AREA PLANTED (HECTARES) BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Groundnuts	Water Melons	Melons	Sweet Reeds	Other Crops	Total Area
Ngwaketse	728	6,603	2,829	0	37	0	95	38	162	158	**10,651**
Barolong	1,595	5,275	2,011	-	294	62	37	5	215	190	**9,685**
Ngwaketse West	98	671	313	-	3	-	2	6	4	-	**1,098**
South East	136	607	239	-	1	-	44	19	55	53	**1,153**
Kweneng East	2,156	8,896	4,396	62	79	65	469	93	475	943	**17,632**
Kweneng West	700	2,599	1,146	17	12	13	54	35	68	291	**4,935**
Kgatleng	770	2,175	1,204	24	46	1	156	99	90	561	**5,127**
Central Serowe	1,313	1,743	1,014	77	35	30	217	29	116	254	**4,827**
Central Mahalapye	2,048	2,263	1,828	39	18	58	486	27	100	241	**7,108**
Central Bobonong	889	1,211	612	260	106	72	291	39	118	333	**3,931**
Central Boteti	44	287	81	12	4	6	44	3	9	18	**507**
Central Tutume	1,359	1,348	526	664	53	92	73	36	69	181	**4,402**
North East	2,618	2,880	1,298	1,069	20	185	111	73	203	285	**8,743**
Ngamiland East	70	459	193	32	-	13	37	8	58	21	**891**
Ngamiland West	1,131	1,566	495	1,175	-	30	78	25	120	29	**4,649**
Chobe	1,447	353	566	0	-	-	1	13	3	0	**2,383**
Ghanzi	8	224	174	-	-	-	2	35	5	1	**449**
Kgalagadi South	-	-	-	-	-	-	-	-	-	-	**-**
Kgalagadi North	16	40	26	-	-	-	19	-	4	8	**115**
TOTAL TRADITIONAL	**17,126**	**39,201**	**18,950**	**3,432**	**709**	**629**	**2,215**	**584**	**1,873**	**3,569**	**88,288**

TABLE 7.7: AREA HARVESTED (HECTARES) BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Groundnuts	Water Melons	Melons	Sweet Reeds	Other Crops	Total Area
Ngwaketse	78	858	899	-	-	0	34	10	53	57	**1,989**
Barolong	162	1,368	464	-	264	62	3	1	6	80	**2,410**
Ngwaketse West	-	67	146	-	-	-	-	-	-	-	**212**
South East	70	82	76	-	-	-	25	9	20	10	**292**
Kweneng East	230	1,128	997	-	5	0	75	31	61	392	**2,920**
Kweneng West	73	686	425	1	9	-	9	15	22	154	**1,394**
Kgatleng	71	208	200	-	3	-	40	14	18	207	**761**
Central Serowe	535	171	265	30	7	12	83	24	12	175	**1,313**
Central Mahalapye	430	160	816	16	14	14	232	16	16	147	**1,860**
Central Bobonong	534	363	283	160	91	56	201	29	31	179	**1,926**
Central Boteti	27	150	49	9	-	1	38	1	1	9	**284**
Central Tutume	806	272	201	545	47	22	27	10	19	109	**2,059**
North East	1,180	694	464	706	12	81	36	30	78	178	**3,457**
Ngamiland East	-	19	12	6	-	-	0	-	-	2	**39**
Ngamiland West	92	95	12	132	-	-	6	0	3	1	**341**
Chobe	842	310	308	-	-	-	0	13	0	0	**1,473**
Ghanzi	-	17	69	-	-	-	-	7	-	1	**94**
Kgalagadi South	-	-	-	-	-	-	-	-	-	-	**-**
Kgalagadi North	8	12	17	-	-	-	-	-	4	-	**41**
TOTAL TRADITIONAL	**5,136**	**6,660**	**5,700**	**1,604**	**453**	**248**	**810**	**212**	**344**	**1,699**	**22,866**

TABLE 7.8: TOTAL PRODUCTION (METRIC TONS) BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Groundnuts	Water Melons	Melons	Sweet Reeds	Other Crops
Ngwaketse	19	103	112	-	-	0	284	266	452	75
Barolong	11	277	44	-	30	0	126	14	90	82
Ngwaketse West	-	2	6	-	-	-	-	-	-	-
South East	4	8	7	-	-	-	83	119	41	3
Kweneng East	28	167	78	-	7	0	782	754	221	276
Kweneng West	18	69	40	0	2	-	136	195	60	81
Kgatleng	5	36	11	-	0	-	652	238	51	58
Central Serowe	64	15	25	3	1	0	606	125	48	117
Central Mahalapye	28	15	91	2	8	0	2,976	323	59	155
Central Bobonong	47	113	30	13	15	3	1,679	205	216	187
Central Boteti	13	14	5	4	-	0	412	44	20	8
Central Tutume	158	30	30	119	7	0	481	206	140	340
North East	217	97	47	153	4	2	957	549	667	230
Ngamiland East	-	1	1	1	-	-	8	-	-	1
Ngamiland West	10	12	2	19	-	-	87	23	1	1
Chobe	206	28	45	-	-	-	6	13	2	2
Ghanzi	-	0	8	-	-	-	-	4	-	0
Kgalagadi South	-	-	-	-	-	-	-	-	-	-
Kgalagadi North	0	0	1	-	-	-	-	-	2	-
TOTAL TRADITIONAL	**826**	**987**	**583**	**313**	**73**	**6**	**9,274**	**3,079**	**2,071**	**1,617**

TABLE 7.9: YIELD PER HECTARE PLANTED (KG/HA) BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Groundnuts	Water Melons	Melons	Sweet Reeds	Other Crops
Ngwaketse	25	16	40	-	-	-	2,992	6,959	2,791	476
Barolong	7	53	22	-	102	5	3,401	2,793	418	431
Ngwaketse West	-	3	19	-	-	-	-	-	-	-
South East	27	13	28	-	-	-	1,889	6,315	749	64
Kweneng East	13	19	18	-	83	0	1,667	8,112	464	293
Kweneng West	26	27	35	14	157	-	2,522	5,505	890	278
Kgatleng	6	17	9	-	10	-	4,180	2,404	570	104
Central Serowe	49	8	24	34	19	5	2,790	4,254	418	461
Central Mahalapye	14	7	50	43	411	7	6,119	11,830	588	643
Central Bobonong	52	93	49	52	146	47	5,776	5,320	1,837	560
Central Boteti	297	49	60	317	-	12	9,453	17,102	2,400	461
Central Tutume	116	22	57	180	134	2	6,559	5,716	2,013	1,879
North East	83	34	36	143	179	8	8,642	7,471	3,281	808
Ngamiland East	-	2	7	28	-	-	218	-	-	32
Ngamiland West	9	8	3	16	-	-	1,112	916	5	20
Chobe	142	81	80	-	-	-	8,453	983	726	10,407
Ghanzi	-	2	44	-	-	-	-	116	-	150
Kgalagadi South	-	-	-	-	-	-	-	-	-	-
Kgalagadi North	13	10	45	-	-	-	-	-	-	-
TOTAL TRADITIONAL	**48**	**25**	**31**	**91**	**103**	**10**	**4,186**	**5,269**	**1,106**	**453**

TABLE 7.10: YIELD PER HECTARE HARVESTED (KG/HA) BY TYPE OF CROP AND DISTRICT

District	Sorghum	Maize	Beans/ Pulses	Millet	Sunflower	Ground nuts	Water Melons	Melons	Sweet Reeds	Other Crops
Ngwaketse	238	120	125	-	-	5	8,412	25,473	8,503	1,320
Barolong	67	203	95	-	-	-	46,668	9,691	15,138	1,026
Ngwaketse West	-	27	41	-	-	-	-	-	-	-
South East	53	97	88	-	-	-	3,258	12,805	2,021	357
Kweneng East	122	148	78	-	1,190	4	10,416	24,504	3,620	705
Kweneng West	246	101	94	227	-	-	14,563	12,868	2,718	525
Kgatleng	68	173	53	-	-	-	16,345	16,961	2,901	281
Central Serowe	119	85	93	87	92	13	7,259	5,156	4,111	671
Central Mahalapye	64	93	112	107	534	30	12,803	20,548	3,621	1,058
Central Bobonong	87	311	107	84	169	60	8,369	7,004	7,054	1,045
Central Boteti	494	93	99	427	-	118	10,945	34,910	16,139	941
Central Tutume	196	111	150	219	154	10	17,663	19,836	7,433	3,124
North East	184	139	102	217	292	19	26,833	18,462	8,563	1,294
Ngamiland East	-	52	116	150	-	-	20,518	-	-	360
Ngamiland West	106	125	131	141	-	-	14,172	100,007	236	625
Chobe	245	92	147	-	-	-	34,291	1,000	12,500	74,883
Ghanzi	-	25	112	-	-	-	-	600	-	150
Kgalagadi South	-	-	-	-	-	-	-	-	-	-
Kgalagadi North	25	33	72	-	-	-	-	-	467	-
TOTAL TRADITIONAL	**161**	**148**	**102**	**195**	**161**	**24**	**11,452**	**14,526**	**6,017**	**952**

TABLE 7.11A SORGHUM PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Sorghum Production
Ngwaketse	5	9	-	-	4	**19**
Barolong	6	5	0	-	-	**11**
Ngwaketse West	-	-	-	-	-	**-**
South East	4	-	-	-	-	**4**
Kweneng East	25	1	1	-	1	**28**
Kweneng West	12	1	1	1	3	**18**
Kgatleng	4	1	-	-	-	**5**
Central Serowe/ Palapye	36	23	1	1	3	**64**
Central Mahalapye	6	20	0	1	-	**28**
Central Bobonong	18	28	0	-	-	**47**
Central Boteti	1	13	-	-	-	**13**
Central Tutume	100	47	2	4	5	**158**
North East	108	92	8	3	6	**217**
Ngamiland East	-	-	-	-	-	**-**
Ngamiland West	6	4	-	-	-	**10**
Chobe	4	11	14	-	178	**206**
Ghanzi	-	-	-	-	-	**-**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	-	-	-	-	0	**0**
TOTAL TRADITIONAL	**334**	**254**	**27**	**9**	**202**	**826**

TABLE 7.11B MAIZE PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Maize Production
Ngwaketse	56	23	2	3	19	**103**
Barolong	45	171	14	4	42	**277**
Ngwaketse West	1	1	0	-	-	**2**
South East	7	-	-	-	1	**8**
Kweneng East	98	3	17	1	48	**167**
Kweneng West	34	5	3	2	25	**69**
Kgatleng	34	2	-	-	-	**36**
Central Serowe/ Palapye	13	0	1	-	-	**15**
Central Mahalapye	10	2	0	-	3	**15**
Central Bobonong	13	83	3	-	14	**113**
Central Boteti	5	8	1	-	-	**14**
Central Tutume	23	3	0	-	4	**30**
North East	50	15	3	-	28	**97**
Ngamiland East	0	0	0	-	0	**1**
Ngamiland West	6	6	-	-	-	**12**
Chobe	2	0	0	0	26	**28**
Ghanzi	0	-	-	-	-	**0**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	0	-	-	-	-	**0**
TOTAL TRADITIONAL	**398**	**322**	**46**	**10**	**212**	**987**

TABLE 7.11C PULSES PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Pulses Production
Ngwaketse	39	49	8	-	16	**112**
Barolong	14	14	1	2	13	**44**
Ngwaketse West	2	2	-	1	1	**6**
South East	4	1	1	-	1	**7**
Kweneng East	49	12	1	2	14	**78**
Kweneng West	26	5	0	1	8	**40**
Kgatleng	8	2	0	0	0	**11**
Central Serowe/ Palapye	14	6	2	-	2	**25**
Central Mahalapye	35	40	4	1	11	**91**
Central Bobonong	14	12	0	-	5	**30**
Central Boteti	2	1	0	0	1	**5**
Central Tutume	18	7	1	1	4	**30**
North East	29	8	3	0	7	**47**
Ngamiland East	1	0	0	-	0	**1**
Ngamiland West	1	0	-	-	0	**2**
Chobe	2	-	-	-	43	**45**
Ghanzi	3	1	1	1	2	**8**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	1	0	0	-	-	**1**
TOTAL TRADITIONAL	**263**	**161**	**22**	**9**	**128**	**583**

TABLE 7.11D MILLET PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Millet Production
Ngwaketse	-	-	-	-	-	**-**
Barolong	-	-	-	-	-	**-**
Ngwaketse West	-	-	-	-	-	**-**
South East	-	-	-	-	-	**-**
Kweneng East	-	-	-	-	-	**-**
Kweneng West	-	0	-	-	-	**0**
Kgatleng	-	-	-	-	-	**-**
Central Serowe/ Palapye	2	1	-	-	-	**3**
Central Mahalapye	1	1	0	-	-	**2**
Central Bobonong	4	8	-	-	1	**13**
Central Boteti	0	3	-	-	-	**4**
Central Tutume	42	51	5	7	15	**119**
North East	74	61	8	-	10	**153**
Ngamiland East	0	-	1	-	-	**1**
Ngamiland West	6	11	1	-	1	**19**
Chobe	-	-	-	-	-	**-**
Ghanzi	-	-	-	-	-	**-**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	-	-	-	-	-	**-**
TOTAL TRADITIONAL	**129**	**136**	**16**	**7**	**26**	**313**

TABLE 7.11E WATER MELONS PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Water melons Production
Ngwaketse	200	40	-	-	43	**284**
Barolong	41	34	-	-	52	**126**
Ngwaketse West	-	-	-	-	-	**-**
South East	83	-	-	-	-	**83**
Kweneng East	386	2	48	4	342	**782**
Kweneng West	79	-	10	2	45	**136**
Kgatleng	251	5	51	-	345	**652**
Central Serowe/ Palapye	458	-	47	-	101	**606**
Central Mahalapye	2,262	1	166	-	547	**2,976**
Central Bobonong	965	-	189	7	519	**1,679**
Central Boteti	243	-	57	-	112	**412**
Central Tutume	403	-	40	-	38	**481**
North East	570	14	68	-	306	**957**
Ngamiland East	8	-	-	-	-	**8**
Ngamiland West	39	-	19	-	28	**87**
Chobe	4	-	0	-	2	**6**
Ghanzi	-	-	-	-	-	**-**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	-	-	-	-	-	**-**
TOTAL TRADITIONAL	**5,992**	**95**	**696**	**13**	**2,479**	**9,274**

TABLE 7.11F MELONS PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Melons Production
Ngwaketse	54	202	5	-	5	**266**
Barolong	7	8	-	-	-	**14**
Ngwaketse West	-	-	-	-	-	**-**
South East	97	-	-	-	23	**119**
Kweneng East	598	129	27	-	-	**754**
Kweneng West	126	24	-	-	45	**195**
Kgatleng	83	145	5	-	6	**238**
Central Serowe/ Palapye	69	48	5	-	3	**125**
Central Mahalapye	205	55	49	-	14	**323**
Central Bobonong	80	103	6	-	16	**205**
Central Boteti	11	28	3	-	1	**44**
Central Tutume	162	34	7	-	3	**206**
North East	416	90	26	-	17	**549**
Ngamiland East	-	-	-	-	-	**-**
Ngamiland West	12	12	-	-	-	**23**
Chobe	13	-	-	-	-	**13**
Ghanzi	1	3	-	-	-	**4**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	-	-	-	-	-	**-**
TOTAL TRADITIONAL	**1,934**	**879**	**132**	**-**	**134**	**3,079**

TABLE 7.11G SWEET REED PRODUCTION DISPOSAL (Metric Tonnes) BY DISTRICT

District	Home Consumption	Stored	Given Away	Payment in Kind	Traded/ Sold	Total Sweetreed Production
Ngwaketse	241	-	-	-	211	**452**
Barolong	72	-	18	-	-	**90**
Ngwaketse West	-	-	-	-	-	**-**
South East	20	-	11	-	10	**41**
Kweneng East	195	-	10	-	16	**221**
Kweneng West	24	1	9	-	26	**60**
Kgatleng	51	-	-	-	-	**51**
Central Serowe/ Palapye	48	-	-	-	-	**48**
Central Mahalapye	36	0	5	-	17	**59**
Central Bobonong	101	-	18	-	98	**216**
Central Boteti	15	-	6	-	-	**20**
Central Tutume	133	-	7	-	-	**140**
North East	503	0	47	-	116	**667**
Ngamiland East	-	-	-	-	-	**-**
Ngamiland West	1	-	-	-	-	**1**
Chobe	1	-	-	-	1	**2**
Ghanzi	-	-	-	-	-	**-**
Kgalagadi South	-	-	-	-	-	**-**
Kgalagadi North	2	-	-	-	-	**2**
TOTAL TRADITIONAL	**1,443**	**2**	**130**	**-**	**496**	**2,071**

TABLE 7.12A SORGHUM QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Revenue Received (Pula)	Average Price Per KG
Ngwaketse	4,210	16,838	-
Barolong	-	-	-
Ngwaketse West	-	-	-
South East	-	-	-
Kweneng East	1,306	5,224	4.00
Kweneng West	3,457	10,828	3.13
Kgatleng	-	-	-
Central Serowe/ Palapye	3,017	12,688	-
Central Mahalapye	-	-	-
Central Bobonong	-	-	-
Central Boteti	-	-	-
Central Tutume	6,007	24,961	4.16
North East	6,261	29,249	4.67
Ngamiland East	-	-	-
Ngamiland West	-	-	-
Chobe	178,633	504,943	2.83
Ghanzi	-	-	-
Kgalagadi South	-	-	-
Kgalagadi North	203	407	2.00
TOTAL TRADITIONAL	**203,094**	**605,138**	**2.98**

TABLE 7.12B MAIZE QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Revenue Received (Pula)	Average Price Per KG
Ngwaketse	19,560	66,309	3.39
Barolong	45,839	129,611	2.83
Ngwaketse West	-	-	-
South East	845	3,380	4.00
Kweneng East	47,945	186,556	3.89
Kweneng West	26,636	98,932	3.71
Kgatleng	-	-	-
Central Serowe/ Palapye	-	-	-
Central Mahalapye	2,881	19,204	6.67
Central Bobonong	50,749	227,311	4.48
Central Boteti	-	-	-
Central Tutume	4,036	38,427	9.52
North East	28,482	168,819	5.93
Ngamiland East	237	2,917	12.32
Ngamiland West	-	-	-
Chobe	26,155	228,922	8.75
Ghanzi	-	-	-
Kgalagadi South	-	-	-
Kgalagadi North	-	-	-
TOTAL TRADITIONAL	**253,365**	**1,170,388**	**4.62**

TABLE 7.12C PULSES QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Received Received (Pula)	Average Price Per KG
Ngwaketse	19,661	213,176	10.84
Barolong	15,629	181,420	11.61
Ngwaketse West	717	4,305	6.00
South East	1,306	12,263	9.39
Kweneng East	14,232	253,746	17.83
Kweneng West	8,135	119,224	14.66
Kgatleng	187	3,735	20.00
Central Serowe/ Palapye	2,013	42,818	21.27
Central Mahalapye	13,110	203,473	15.52
Central Bobonong	5,045	120,853	23.96
Central Boteti	1,326	24,310	18.34
Central Tutume	3,637	37,116	10.20
North East	6,919	222,066	32.09
Ngamiland East	50	875	17.50
Ngamiland West	42	339	8.00
Chobe	43,219	327,333	7.57
Ghanzi	1,597	6,013	3.76
Kgalagadi South	-	-	-
Kgalagadi North	-	-	-
TOTAL TRADITIONAL	**136,826**	**1,773,066**	**12.96**

TABLE 7.12D MILLET QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Revenue Received (Pula)	Average Price Per KG
Ngwaketse	-	-	-
Barolong	-	-	-
Ngwaketse West	-	-	-
South East	-	-	-
Kweneng East	-	-	-
Kweneng West	-	-	-
Kgatleng	-	-	-
Central Serowe/ Palapye	-	-	-
Central Mahalapye	-	-	-
Central Bobonong	698	6,146	8.80
Central Boteti	-	-	-
Central Tutume	14,723	102,888	6.99
North East	9,801	68,211	6.96
Ngamiland East	-	-	-
Ngamiland West	577	3,464	6.00
Chobe	-	-	-
Ghanzi	-	-	-
Kgalagadi South	-	-	-
Kgalagadi North	-	-	-
TOTAL TRADITIONAL	**25,800**	**180,708**	**7.00**

TABLE 7.12E WATERMELONS QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Revenue Received (Pula)	Average Price Per KG
Ngwaketse	43,257	14,127	0.33
Barolong	52,147	56,493	1.08
Ngwaketse West	-	-	-
South East	-	-	-
Kweneng East	342,094	370,578	1.08
Kweneng West	45,400	43,467	0.96
Kgatleng	344,596	361,573	1.05
Central Serowe/ Palapye	100,564	88,509	0.88
Central Mahalapye	547,324	934,305	1.71
Central Bobonong	518,508	612,919	1.18
Central Boteti	111,973	215,184	1.92
Central Tutume	37,861	72,495	1.91
North East	305,557	233,572	0.76
Ngamiland East	-	-	-
Ngamiland West	27,941	38,564	1.38
Chobe	1,504	1,002	0.67
Ghanzi	-	-	-
Kgalagadi South	-	-	-
Kgalagadi North	-	-	-
TOTAL TRADITIONAL	**2,478,726**	**3,042,789**	**1.23**

TABLE 7.12F MELONS QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Revenue Received (Pula)	Average Price Per KG
Ngwaketse	4,696	1,174	0.25
Barolong	2,124	850	0.40
Ngwaketse West	-	-	-
South East	22,746	22,746	-
Kweneng East	9,061	3,624	0.40
Kweneng West	45,277	30,185	0.67
Kgatleng	56,479	39,490	0.70
Central Serowe/ Palapye	3,093	2,062	0.67
Central Mahalapye	22,979	22,008	0.96
Central Bobonong	16,102	14,252	0.89
Central Boteti	1,409	5,635	4.00
Central Tutume	3,440	1,720	0.50
North East	17,166	14,734	0.86
Ngamiland East	-		-
Ngamiland West	-	-	-
Chobe	-	-	-
Ghanzi	-	-	-
Kgalagadi South	-	-	-
Kgalagadi North	-	-	-
TOTAL TRADITIONAL	**204,570**	**158,479**	**0.77**

TABLE 7.12G SWEETREED QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT

District	Quantity Sold (Kilograms)	Total Revenue Received (Pula)	Average Price Per KG
Ngwaketse	210,973	443,047	2.10
Barolong	-	-	-
Ngwaketse West	-	-	-
South East	10,139	13,519	1.33
Kweneng East	15,573	88,628	5.69
Kweneng West	26,484	20,408	0.77
Kgatleng	-	-	-
Central Serowe/ Palapye	-	-	-
Central Mahalapye	17,095	27,047	1.58
Central Bobonong	98,139	50,048	0.51
Central Boteti	-	-	-
Central Tutume	-	-	-
North East	116,086	110,217	0.95
Ngamiland East	-	-	-
Ngamiland West	-	-	-
Chobe	1,166	777	0.67
Ghanzi	-	-	-
Kgalagadi South	-	-	-
Kgalagadi North	-	-	-
TOTAL TRADITIONAL	**495,656**	**753,692**	**1.52**

TABLE 7.12H: LAND HOLDINGS BY PLANTING LOCATION (MOLAPO, DRY LAND OR BOTH) AND DISTRICT

District	Molapo	Dry Land	Both	Total Holdings
Ngwaketse	-	2,989	-	**2,989**
Barolong	-	1,936	-	**1,936**
Ngwaketse West	-	200	-	**200**
South East	-	461	-	**461**
Kweneng East	-	5,336	-	**5,336**
Kweneng West	-	1,247	-	**1,247**
Kgatleng	-	1,418	-	**1,418**
Central Serowe/ Palapye	-	1,795	-	**1,795**
Central Mahalapye	-	2,742	-	**2,742**
Central Bobonong	-	1,404	-	**1,404**
Central Boteti	-	366	-	**366**
Central Tutume	-	1,698	-	**1,698**
North East	-	4,298	-	**4,298**
Ngamiland East	95	645	4	**744**
Ngamiland West	598	2,278	4	**2,880**
Chobe	34	284	38	**356**
Ghanzi	-	259	-	**259**
Kgalagadi South	-	26	-	**26**
Kgalagadi North	-	58	-	**58**
TOTAL TRADITIONAL	**727**	**29,438**	**46**	**30,212**

TABLE 7.13: LAND HOLDINGS BY REASONS FOR NOT PLOUGHING OR PLANTING AND DISTRICT

District	Lack of Rain	Lack of Money	Lack of Seeds	Lack of Labour	Lack of Draught Power	Floods	Lack of Equipment	Poor Soil	Other Resons
Ngwaketse	870	11	63	36	47	-	46	9	84
Barolong	346	-	6	10	37	-	55	-	40
Ngwaketse West	81	-	-	-	6	-	-	-	-
South East	65	-	-	-	3	-	-	-	-
Kweneng East	950	-	5	47	-	-	9	16	-
Kweneng West	103	-	-	16	-	-	-	-	8
Kgatleng	247	5	-	16	-	-	5	-	22
Central Serowe/ Palapye	294	-	14	4	12	-	9	-	18
Central Mahalapye	594	15	8	6	3	-	13	-	16
Central Bobonong	315	7	-	56	-	-	-	-	29
Central Boteti	115	4	17	5	7	-	13	-	36
Central Tutume	382	70	-	31	19	-	70	-	12
North East	557	44	-	183	97	-	16	-	109
Ngamiland East	251	18	3	9	20	-	3	-	53
Ngamiland West	1,346	14	-	157	201	-	12	-	51
Chobe	19	21	-	24	24	-	8	-	-
Ghanzi	106	-	-	8	16	-	-	-	-
Kgalagadi South	26	-	-	-	4	-	-	-	-
Kgalagadi North	26	4	-	10	-	-	6	-	-
TOTAL TRADITIONAL	**6,693**	**213**	**117**	**617**	**496**	**-**	**265**	**25**	**479**

TABLE 7.14: HOLDINGS PLANTED BY SOURCES OF SEEDS AND DISTRICT

District	BAMB	Drought Relief	Cooperatives	Trader	Another Farmer	Previous Year Harvest	Seed Multiplication	ISPAAD	Other Sources
Ngwaketse	133	-	216	13	501	1,085	25	2,140	11
Barolong	38	-	124	91	74	255	23	1,468	-
Ngwaketse West	-	-	-	-	6	11	-	149	-
South East	-	-	-	120	49	279	-	396	-
Kweneng East	61	-	1,052	747	590	1,573	6	3,292	36
Kweneng West	36	-	5	148	168	353	8	960	4
Kgatleng	79	-	-	492	155	701	5	806	40
Central Serowe/ Palapye	74	-	31	419	463	746	8	987	-
Central Mahalapye	236	-	10	419	1,027	2,347	-	2,057	161
Central Bobonong	144	-	22	166	466	986	13	670	7
Central Boteti	-	-	-	104	82	169	-	152	-
Central Tutume	146	-	-	294	277	899	19	766	6
North East	180	-	11	935	807	2,494	15	3,152	51
Ngamiland East	44	-	4	152	162	392	-	267	-
Ngamiland West	37	-	7	65	508	1,098	2	1,348	6
Chobe	20	-	-	57	51	55	-	289	-
Ghanzi	-	-	-	6	18	29	-	104	-
Kgalagadi South	-	-	-	-	-	-	-	-	-
Kgalagadi North	-	-	7	-	4	3	-	22	-
TOTAL TRADITIONAL	**1,228**	**-**	**1,487**	**4,229**	**5,408**	**13,474**	**124**	**19,027**	**322**

TABLE 7.15: LAND HOLDINGS BY FENCING STATUS AND DISTRICT

District	YES, ALL	YES, SOME	NO	Total Land Holdings
Ngwaketse	2,617	156	215	**2,989**
Barolong	1,664	44	228	**1,936**
Ngwaketse West	171	29	-	**200**
South East	461	-	-	**461**
Kweneng East	4,862	458	15	**5,336**
Kweneng West	1,153	70	24	**1,247**
Kgatleng	1,351	47	20	**1,418**
Central Serowe/ Palapye	1,768	27	-	**1,795**
Central Mahalapye	2,702	20	20	**2,742**
Central Bobonong	1,313	86	5	**1,404**
Central Boteti	295	56	15	**366**
Central Tutume	1,457	66	174	**1,698**
North East	4,091	91	116	**4,298**
Ngamiland East	697	36	12	**744**
Ngamiland West	2,688	71	121	**2,880**
Chobe	96	16	245	**356**
Ghanzi	160	58	41	**259**
Kgalagadi South	26	-	-	**26**
Kgalagadi North	28	23	7	**58**
TOTAL TRADITIONAL	**27,600**	**1,354**	**1,259**	**30,212**

TABLE 7.16: HOLDINGS PLANTED BY WEEDING STATUS AND DISTRICT

District	YES, ALL	YES, SOME	NO	Total Holdings Planted
Ngwaketse	738	925	652	**2,315**
Barolong	686	550	314	**1,550**
Ngwaketse West	100	43	6	**149**
South East	301	30	76	**406**
Kweneng East	3,517	526	475	**4,518**
Kweneng West	903	134	84	**1,121**
Kgatleng	686	241	288	**1,215**
Central Serowe/ Palapye	1,383	71	94	**1,548**
Central Mahalapye	1,993	471	167	**2,630**
Central Bobonong	1,083	173	30	**1,286**
Central Boteti	188	51	-	**238**
Central Tutume	1,028	182	57	**1,267**
North East	3,288	263	80	**3,631**
Ngamiland East	411	2	72	**485**
Ngamiland West	1,459	74	47	**1,580**
Chobe	247	34	37	**317**
Ghanzi	71	6	36	**113**
Kgalagadi South	-	-	-	**-**
Kgalagadi North	12	14	-	**26**
TOTAL TRADITIONAL	**18,093**	**3,788**	**2,515**	**24,396**

TABLE 7.17: HOLDINGS PLANTED BY PREDOMINENT WEEDS AND DISTRICT

District	Cynodon Dactylon	Datura Ferox	Hibiscus Meeusei	Acospermum Hispidum	Urochloa Mosam-bicensis	Sesamum Triphyllum	Striga Asiatica	Tribulus Terrestris	Sida Cordifolia	Other weeds	Total Holdings
Ngwaketse	565	444	188	47	4	-	-	-	11	1,055	**2,315**
Barolong	336	929	43	26	9	-	-	10	-	198	**1,550**
Ngwaketse West	-	-	-	-	-	-	-	-	-	149	**149**
South East	101	68	46	23	-	3	-	1	-	163	**406**
Kweneng East	985	104	2,057	346	48	15	28	172	9	753	**4,518**
Kweneng West	193	21	46	37	5	-	11	17	5	785	**1,121**
Kgatleng	189	168	651	-	30	-	-	22	59	97	**1,215**
Central Serowe	154	39	15	637	107	43	21	14	13	505	**1,548**
Central Mahalapye	548	22	261	390	523	11	-	40	-	836	**2,630**
Central Bobonong	53	10	4	142	306	12	15	53	-	692	**1,286**
Central Boteti	40	-	-	20	37	11	-	-	-	130	**238**
Central Tutume	275	33	35	285	29	21	-	18	7	564	**1,267**
North East	2,089	37	29	502	30	23	-	135	24	762	**3,631**
Ngamiland East	169	-	-	-	116	9	6	16	-	168	**485**
Ngamiland West	1,154	-	-	-	149	-	-	22	24	231	**1,580**
Chobe	41	8	-	3	13	-	-	3	-	250	**317**
Ghanzi	22	8	-	-	-	-	-	-	-	83	**113**
Kgalagadi South	-	-	-	-	-	-	-	-	-	-	**-**
Kgalagadi North	-	-	-	-	-	-	-	-	-	26	**26**
TOTAL TRADITIONAL	**6,915**	**1,890**	**3,375**	**2,458**	**1,406**	**149**	**82**	**523**	**152**	**7,448**	**24,396**

TABLE 7.18 HOLDINGS BY FERTILIZER USE STATUS AND DISTRICT

District	YES	Percentage	NO	Percentage	Total Crop Holdings
Ngwaketse	850	24.1	1,465	7.0	**2,315**
Barolong	1,231	34.9	320	1.5	**1,550**
Ngwaketse West	14	0.4	135	0.6	**149**
South East	-	-	406	1.9	**406**
Kweneng East	614	17.4	3,904	18.7	**4,518**
Kweneng West	80	2.3	1,041	5.0	**1,121**
Kgatleng	42	1.2	1,173	5.6	**1,215**
Central Serowe/ Palapye	12	0.3	1,536	7.4	**1,548**
Central Mahalapye	78	2.2	2,552	12.2	**2,630**
Central Bobonong	10	0.3	1,277	6.1	**1,286**
Central Boteti	25	0.7	214	1.0	**238**
Central Tutume	76	2.2	1,191	5.7	**1,267**
North East	416	11.8	3,215	15.4	**3,631**
Ngamiland East	3	0.1	482	2.3	**485**
Ngamiland West	-	-	1,580	7.6	**1,580**
Chobe	51	1.5	266	1.3	**317**
Ghanzi	15	0.4	97	0.5	**113**
Kgalagadi South	-	-	-	-	**-**
Kgalagadi North	8	0.2	18	0.1	**26**
TOTAL TRADITIONAL	**3,524**	**100.0**	**20,872**	**100.0**	**24,396**

TABLE 7.19: LAND HOLDINGS TYPE OF SOIL OF ARABLE LAND BY DISTRICT

District	Loamy Soil	Clay Soil	Sandy Soil	Total Holdings
Ngwaketse	1,277	703	1,009	**2,989**
Barolong	859	418	659	**1,936**
Ngwaketse West	102	-	98	**200**
South East	448	13	-	**461**
Kweneng East	3,566	575	1,195	**5,336**
Kweneng West	734	123	391	**1,247**
Kgatleng	1,225	42	151	**1,418**
Central Serowe/ Palapye	1,306	162	326	**1,795**
Central Mahalapye	2,042	172	528	**2,742**
Central Bobonong	942	111	352	**1,404**
Central Boteti	255	60	50	**366**
Central Tutume	1,111	311	275	**1,698**
North East	2,786	648	864	**4,298**
Ngamiland East	48	139	557	**744**
Ngamiland West	1,360	600	920	**2,880**
Chobe	67	279	10	**356**
Ghanzi	22	20	217	**259**
Kgalagadi South	-	-	26	**26**
Kgalagadi North	-	3	55	**58**
TOTAL TRADITIONAL	**18,150**	**4,380**	**7,683**	**30,212**

TABLE 7.20: HOLDINGS PLANTED BY DRAUGHT POWER USED AND DISTRICT

District	Oxen Only	Cows Only	Both Oxen and Cows	Donkeys	Tractor Farmer	Other Sources
Ngwaketse	-	-	-	533	1,740	43
Barolong	-	-	-	114	1,450	-
Ngwaketse West	-	-	-	74	75	-
South East	-	-	-	30	376	-
Kweneng East	10	-	-	834	3,726	-
Kweneng West	-	-	-	90	1,044	-
Kgatleng	-	-	-	67	1,160	5
Central Serowe/ Palapye	11	-	9	277	1,263	-
Central Mahalapye	-	-	-	1,648	1,245	-
Central Bobonong	-	-	-	855	524	4
Central Boteti	-	-	-	138	97	7
Central Tutume	14	20	25	436	853	7
North East	23	21	17	1,379	2,304	11
Ngamiland East	33	-	-	270	173	8
Ngamiland West	792	69	18	647	16	70
Chobe	1	-	-	6	311	-
Ghanzi	-	-	-	45	68	-
Kgalagadi South	-	-	-	-	-	-
kgalagadi North	-	-	-	15	14	-
TOTAL TRADITIONAL	**884**	**110**	**69**	**7,458**	**16,439**	**155**

TABLE 7.21: HOLDINGS PLANTED BY PROVISION OF DRAUGHT POWER USED AND DISTRICT

District	Self/Family	Borrowed	Self Plus Borrowed	Mafisa	Individual Hired	ISPAAD	Other
Ngwaketse	625	1 21	45	-	1,021	519	-
Barolong	171	79	-	-	24	1,290	-
Ngwaketse West	35	-	-	-	43	71	-
South East	-	23	-	-	49	334	-
Kweneng East	997	244	-	62	704	2,608	-
Kweneng West	125	168	-	-	35	817	-
Kgatleng	197	-	-	-	335	739	-
Central Serowe/ Palapye	434	18	-	-	500	655	-
Central Mahalapye	1,205	24	234	-	714	873	-
Central Bobonong	495	18	-	-	79	716	3
Central Boteti	128	16	-	5	65	29	-
Central Tutume	515	54	-	-	336	453	-
North East	1,122	300	33	-	1,499	772	-
Ngamiland East	271	30	-	-	80	108	-
Ngamiland West	1,097	305	32	3	102	80	-
Chobe	10	24	-	-	247	28	9
Ghanzi	12	1	-	-	11	88	-
Kgalagadi South	-	-	-	-	-	-	-
Kgalagadi North	15	3	-	-	-	11	-
TOTAL TRADITIONAL	**7,453**	**1,428**	**343**	**70**	**5,844**	**10,191**	**12**

TABLE 7.22: HOLDINGS PLANTED BY PAYMENT OF DRAUGHT POWER USED AND DISTRICT

District	Self/Family	ISPAAD	Both (ISPAAD & Self)	Other
Ngwaketse	187	2,081	22	84
Barolong	92	1,438	29	-
Ngwaketse West	2	147	-	-
South East	-	399	7	-
Kweneng East	1,718	2,811	54	15
Kweneng West	97	1,023	-	-
Kgatleng	350	888	17	-
Central Serowe/ Palapye	624	838	114	6
Central Mahalapye	570	1,810	252	7
Central Bobonong	503	738	47	-
Central Boteti	184	52	-	7
Central Tutume	538	740	79	12
North East	946	2,347	349	44
Ngamiland East	272	205	8	-
Ngamiland West	572	890	118	-
Chobe	64	201	45	22
Ghanzi	4	107	1	-
Kgalagadi South	-	-	-	-
Kgalagadi North	3	20	3	-
TOTAL TRADITIONAL	**6,727**	**16,736**	**1,145**	**196**

TABLE 7.23: HOLDINGS PLANTED BY METHODS USED TO PLANT SEEDS AND DISTRICT

District	Broadcasting	Row Planting	Row Planting by Hand	Other
Ngwaketse	326	1,845	246	22
Barolong	75	1,398	77	-
Ngwaketse West	6	113	31	-
South East	23	383	-	-
Kweneng East	1,726	2,830	64	-
Kweneng West	111	898	100	16
Kgatleng	207	982	30	-
Central Serowe/ Palapye	719	864	61	-
Central Mahalapye	900	895	1,169	-
Central Bobonong	291	400	624	-
Central Boteti	149	50	41	-
Central Tutume	373	458	491	8
North East	717	1,532	1,441	10
Ngamiland East	315	163	6	-
Ngamiland West	142	340	1,098	-
Chobe	3	314	1	-
Ghanzi	4	25	83	-
Kgalagadi South	-	-	-	-
Kgalagadi North	4	12	14	-
TOTAL TRADITIONAL	**6,090**	**13,503**	**5,578**	**56**

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