



REPUBLIC OF BOTSWANA

# REVISED 2004 BOTSWANA AGRICULTURAL CENSUS REPORT

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# **REVISED 2004 BOTSWANA AGRICULTURAL CENSUS REPORT**

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## PREFACE

This is the revised report on the 2004 Agricultural Census which was published in March 2007. The revision is a result of the computational errors found in the traditional sector data sets and hence the revision of the traditional sector tables and write-up. However, the commercial sector data sets are not affected. The Central Statistics Office humbly regrets the inconvenience that may have been caused to users.

The 2004 Agricultural Census is the third census of its kind. The first and second agricultural censuses were conducted in 1982 and 1993 respectively. The 2004 Agricultural Census was the responsibility of the Central Statistics Office (CSO) in the Ministry of Finance and Development Planning, through Agricultural Statistics Unit (ASU), in conjunction with the Division of Agricultural Planning and Statistics in the Ministry of Agriculture. The main objective of the census undertaking is to provide benchmarking data on agricultural sector production indicators and other relevant statistics pertaining to agriculture for formulation and review of policies, programmes and projects geared at improving the lives of Batswana.

The report is divided into four chapters. Chapter one deals with the background of Botswana, while chapter two deals with census objectives, scope and coverage, basic concepts and definitions. Chapter three outlines the census methodology which includes the calculation of standard errors for the first time in a series of censuses of this kind. Chapter four presents census results tables. Another improvement made is the disaggregating of fruits and vegetables in the commercial sector. These have been included as “other crops”.

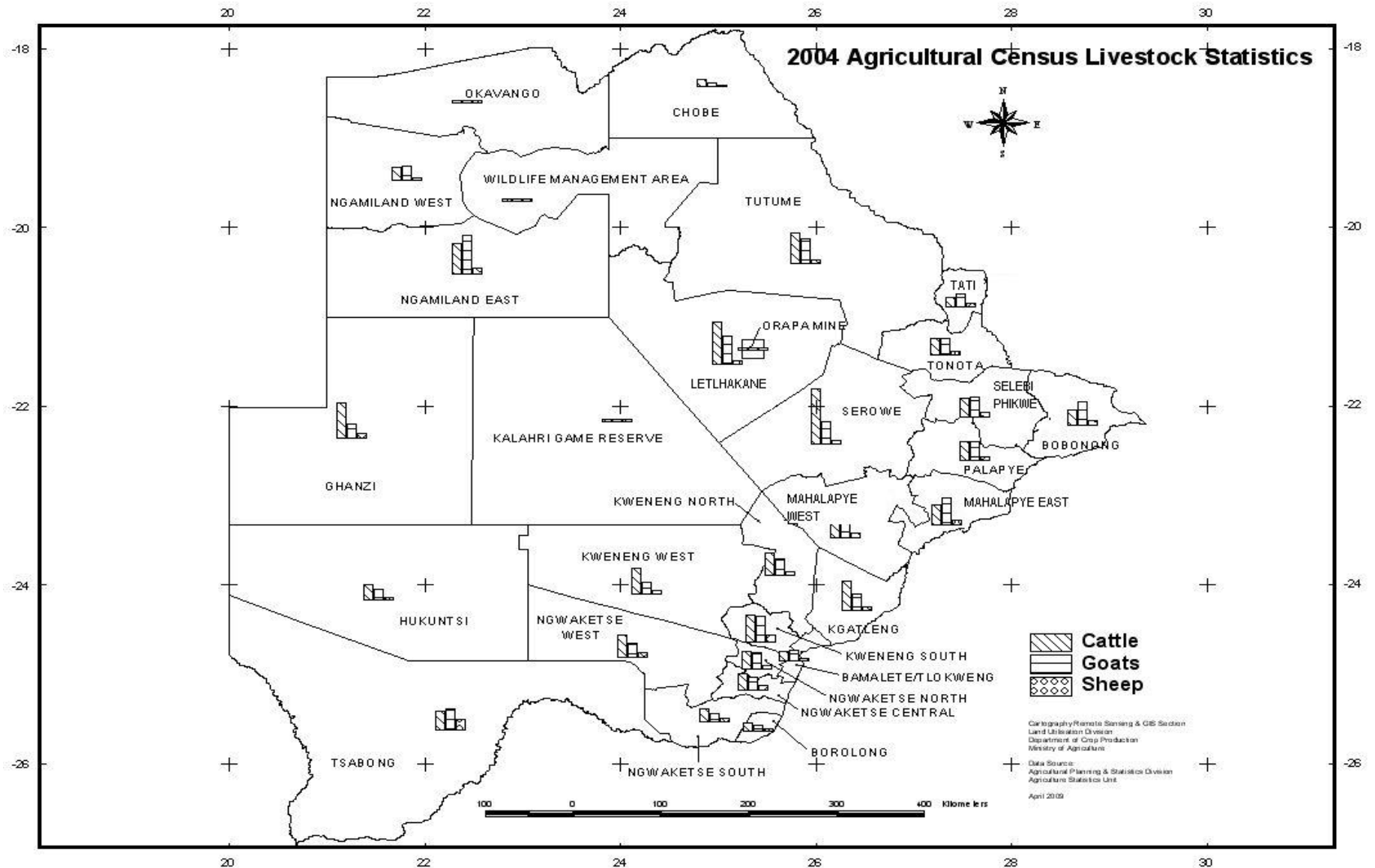
I wish to acknowledge all those who contributed to the success of the project, the farming community for their invaluable time and patience during data collection and all others who assisted in one way or the other, more specifically enumerators, drivers, editors and coders. The Agricultural Statistics Unit staff is also commended for coordinating the exercise tirelessly within the limited resources to have the 2004 Agricultural Census conducted and also for the production of the report.

It is hoped that the data will be useful in formulating and reviewing policies, programmes and projects in order to improve the performance of the agricultural sector.



M.P. Kerekang  
**Acting Government Statistician**

December 2008



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## Symbols used

|      |                                         |
|------|-----------------------------------------|
| ‘0’  | Denotes numbers too small to be rounded |
| ‘-‘  | Not Applicable                          |
| ‘()’ | Denotes negative numbers                |

## SUMMARY

This report presents the revised 2004 Agricultural Census results. Although the census was conducted following the drought season, figures indicate that agricultural holdings increased significantly by 19.6 percent from 101,434 to 121,325 at national level between the 1993 and 2004 agricultural censuses. The commercial sector increased by 46.4 percent, from 507 to 742 agricultural holdings while the traditional sector increased by 19.5 percent, from 100,927 to 120,583 agricultural holdings (Table 2.2).

### 1.0 LIVESTOCK HOLDINGS STATISTICS

Livestock statistics comprise of cattle, goats, sheep, donkeys/mules, horses, pigs, ostriches, chicken, etc. This summary would only concentrate on the three major ones, namely, cattle, goats and sheep. Cattle holdings increased by 33.4 percent, from 54,349 to 72,521 at national level between 1993 and 2004 agricultural censuses. The commercial sector showed an increase of 53.8 percent as compared to the 33.3 percent increase in the traditional sector.

There has not been any significant difference in small stock holdings. The 2004 Agricultural Census shows that goats holdings decreased insignificantly by 0.5 percent, from 79,189 to 78,765 at national level between the two censuses. The commercial sector showed an increase of 33.6 percent while the traditional sector showed a decrease of 0.7 percent. Sheep holdings also decreased by 7.5 percent from 19,214 to 17,771 nationally during the same period (Table 2.2). Other livestock figures are shown in Table 2.2.

Table 1A shows cattle, goats and sheep holdings and population between 1993 and 2004 agricultural censuses.

**Table 1A: cattle, goats and Sheep Holdings and Population between 1993 and 2004 Agricultural Censuses**

| INDICATORS              | 1993<br>Agriculture<br>Census | 2004<br>Agriculture<br>Census |
|-------------------------|-------------------------------|-------------------------------|
|                         |                               |                               |
| Total Holdings          | 101,434                       | 121,325                       |
| CATTLE:- Total Holdings | 54,349                        | 72,521                        |
| Cattle Population       | 1,820,700                     | 2,154,820                     |
| GOATS:- Total Holdings  | 79,189                        | 78,765                        |
| Goats Population        | 1,837,700                     | 1,550,337                     |
| SHEEP:- Total Holdings  | 19,214                        | 17,771                        |
| Sheep Population        | 250,100                       | 243,902                       |

A graphical presentation of cattle, goats and sheep holdings is shown in Figure 1.

**Figure 1: Cattle, Goats and Sheep Holdings by Census Years**

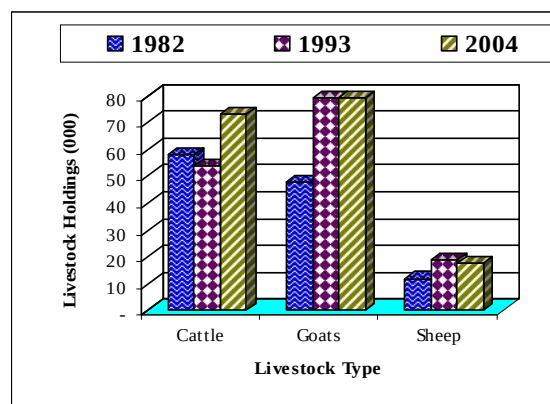


Figure 1 indicates variations in livestock holdings between the 1982, 1993 and 2004 agricultural censuses with cattle holdings showing an upward trend while goats holdings shows a stagnant pattern from the 1993 census as compared to sheep holdings which shows a downward trend.

### 1.1 LIVESTOCK POPULATION STATISTICS

The cattle industry continues to show a fluctuating pattern partly because of the recurrence of disease outbreaks such as Contagious Bovine Pleuro-Pneumonia (CBPP) and Foot and Mouth (FMD). The

erratic rainfall patterns and high temperatures resulting in recurrence of droughts also compounded to the situation. These have a negative effect on the national herd. The 2004 Agricultural Census results indicate that cattle population increased by 18.4 percent nationally, from 1.8 million in 1993 Agricultural Census to 2.2 million, with the commercial sector showing a decrease of 16.9 percent as compared to an increase of 24.2 percent in the traditional sector (Table 2.2).

The increase in the traditional sector herd could be attributed to the fact that farmers are gradually adopting new technology initiatives through the Ministry of Agriculture schemes and programs, with regard to improvement of cattle management and also the issue of commercializing agriculture. This is also shown by a significant number of improved breeds (Table 4.4) which accounts for 48.3 percent of the total cattle in the traditional sub sector.

The productivity indicators (birth, death and off-take rates) stood at 53.9, 11.9 and 8.4 percent respectively at national level in 2004 as compared to 56.9, 28.4 and 9.4 percent for the 1993 agricultural census (Table 2.2). The commercial sector however, indicated a lower birth rate (49.4 percent) in 2004 as compared to a higher birth rate (53.9 percent) in 1993 for the traditional sector, but one would expect the reverse to be true given high technology adoption by commercial farmers as compared to traditional farmers. Based on the aforementioned, the death rate for the commercial sector is lower (4.8 percent) in 2004 as compared to (12.7 percent) the traditional sector during the same year, while the reverse is true for the off take rate between the two sub-sectors as expected (Table 1.2). A graphical presentation of the trends of the productivity indicators for cattle, goats and sheep is shown in Appendix III.

Small stock (goats and sheep), unlike cattle are drought resistance species. The 2004 Agricultural Census results revealed that goats' population decreased by 15.6 percent nationally, from 1.8 million in 1993 Agricultural Census to 1.6 million. The commercial sector increased by 12.7 percent, while the traditional sector recorded a decrease of 16.1 percent. This could probably be attributed to poor management rather than drought related issues. The productivity indicators (birth, death and off-take rates) were 48.0 percent, 21.9 percent and 7.3 percent respectively in 2004 as compared to 49.5 percent, 38.2 percent and 9.8 percent for the 1993 agricultural census (Table 2.2).

**Figure 2: Cattle, Goats and Sheep Population by Census Years**

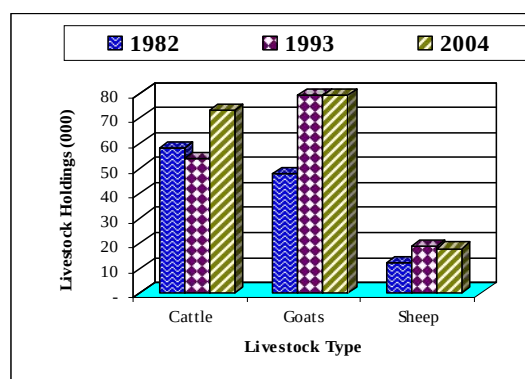


Figure 2 depicts an upward trend for cattle population from the last census when compared to goats and sheep which showed a downward trend. A graphical presentation of cattle, goats and sheep population trends from 1993 to 2004 are shown in appendix II.

There was a slight significant decrease of 2.5 percent in sheep population from 250,100 to 243,902 at national level between 1993 and 2004 agricultural censuses. Both the commercial and traditional sector recorded a decrease of 30.2 percent and 0.5 percent respectively.

Sheep birth, death and off-take rates stood at 39.2 percent, 19.4 percent and 7.2 percent respectively at national level in 2004 as compared to 40.8 percent, 35.2 percent and 8.6 percent for the 1993 agricultural census.

Generally, death rates have gone down from the past censuses. This is a desirable result and indicates that the disease control initiatives through vaccinations countrywide by the Department of Veterinary Services among other factors are bearing fruits. On contrary, off take rates have not gone up as desired, especially for the cattle industry.

## 2.0 CROP STATISTICS

This section describes the summary of crop statistics for both traditional and commercial sectors viz., crop farms, area planted and harvested, total production, yield per hectare planted and harvested and are presented in Table 2.3.

Crop farming in Botswana is heavily dependent on rainfall and as such, given the erratic rainfall and high temperatures coupled with the country's prone to droughts, the sub sector is highly unlikely to be seen booming like it is desired. The 2004 Agricultural Census indicates that total holders or farmers with land decreased slightly by 1.1 percent from 64,090 in 1993 agriculture census to 63,357 suggesting that there has not been an improvement in the sub sector since the last census. Total land area decreased significantly by 30.0 percent, from 322,200 to 225,608 hectares with significant reduction in the traditional sector (32.7 percent) as compared to the increase in the commercial sector (38.6 percent).

The land area not planted (fallow land) had widened particularly in 1982 and 2004 while it was narrow in 1993 Agricultural Census. This suggests that 1993 was a good year as compared to the

former since more cultivatable land was utilised (Table 1B). For instance, in 1982 Agricultural census, the cultivatable land area was 330,600 hectares (228,900 hectares planted). This reduced to 322,200 hectares (278,617 hectares planted) in 1993, with further reductions to 225,608 hectares (158,441 hectares planted) in 2004 (Table 1B).

**Table 1B: Total land Area, Area Planted and fallow land area by Census Years**

| INDICATORS            | Agricultural Censuses |         |         |
|-----------------------|-----------------------|---------|---------|
|                       | 1982                  | 1993    | 2004    |
| Total Land Area (Ha)  | 330,600               | 322,200 | 225,608 |
| Area Planted (Ha)     | 228,900               | 278,617 | 158,441 |
| Fallow land Area (Ha) | 101,700               | 43,583  | 67,167  |

Farmers who actually planted (crop holdings) went down slightly by 0.8 percent with further decreases in total area planted (43.1 percent) and harvested (2.6 percent) in 2004. Although there were significant reductions of crop holdings in the commercial sector (24.7 percent) when compared to the traditional sector (0.7 percent), area planted and harvested increased significantly by 93.4 percent and 93.0 percent respectively in the commercial sector as compared to decreases of the same in the traditional sector. However production in the traditional sector for the four major crops (sorghum, maize, millet and beans/pulses) increased by 90.8 percent as compared to 9.2 for the same crops in the commercial sector (Table 2.3).

Farmers who planted sorghum decreased significantly (24.0 percent) with further decreases in area planted (58.2 percent), area harvested (30.1 percent) and production (28.9 percent) in 2004. However, yield per hectare planted increased from 115 kg/ha to 195 kg/ha between 1993 and 2004 Agricultural Censuses. The traditional sector yield per hectare planted increased from 78 kg/ha to

218 kg/ha while the commercial sector recorded a decrease in yield, from 967 kg/ha to 99 kg/ha during the same period.

When compared to sorghum holdings, farmers who planted maize increased significantly by 21.1 percent while area planted decreased by 25.1 percent, but recorded significant increases in area harvested (85.6 percent) as well as production (77.2 percent) in 2004. Yield per hectare planted for maize increased from 50 to 118 kg/ha between 1993 and 2004 Agricultural Censuses. The yield per hectare planted for the commercial sector decreased from 982 to 506 kg/ha while the traditional sector recorded an increase of over a fold, from 35 to 114 kg/ha between 1993 and 2004 Agricultural Censuses (Table 2.3).

Millet is usually planted by traditional farmers. Farmers who planted millet increased slightly (1.2 percent) with decreases in both area planted and harvested (52.9 and 38.8 percent respectively) in 2004. On contrary, production increased significantly by 74.5 percent, from 1,546 in 1993 to 2,697 metric tons in 2004, with yield per hectare planted rising from 102 to 379 kg/ha between the two censuses.

Farmers who planted pulses also increased by 54.3 percent, with decreases in area planted and harvested of 41.8 and 13.4 percent respectively in 2004. However, production rose by over two folds, from 718 to 2,177 metric tons, with yield increasing from 26 to 138 kg/ha between the two censuses (Table 2.3). A graphical presentation of area planted and production for the four major crops at national level is shown in Figure 3.

**Figure 3: Area Planted (Hectares) and Production (Metric Tons) by Census Years**

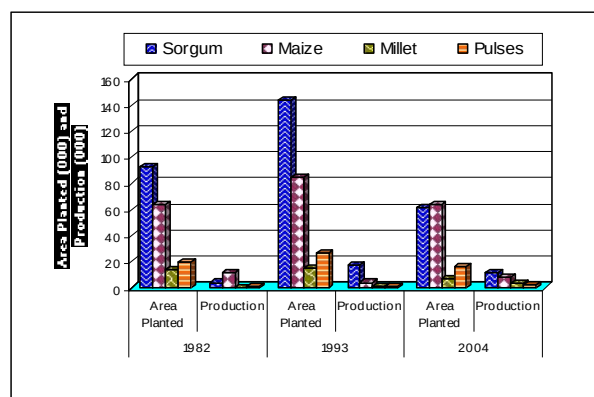


Figure 3 indicates that area planted and production for sorghum was highest in 1993. However, the 2004 Agricultural Census shows a different picture, with more area planted being for maize than sorghum, although production of the former is slightly higher. This could be due to the fact that, other than maize being easily affected by high temperatures, it is also sold as green millies, which is not easily accounted for during production data collection.

A graphical presentation of total crop production trends for the major crops is shown in appendix IV

For the 2004 agriculture Census, data on fruits and vegetables was analyzed separately and their area planted, area harvested and production are shown in Tables 11.7A to 11.8E. Area planted for fruits accounts for 1.3 percent, while that of vegetables accounts for 0.4 percent of the total area planted in the commercial sector. Table 1C shows area planted, harvested and production for fruits and vegetables.

**Table 1C: Area Planted, Harvested and Production for Fruits and Vegetables for 2004 Agriculture Census**

| INDICATORS              | 2004 Agricultural Census |            |
|-------------------------|--------------------------|------------|
|                         | Fruits                   | Vegetables |
| Area Planted (Ha)       | 216                      | 67         |
| Area Harvested (Ha)     | 214                      | 57         |
| Total Production (Tons) | 366                      | 526        |



## CHAPTER 1 BACKGROUND OF BOTSWANA

The Republic of Botswana is situated between latitude 18 and 27 degrees south. It is a landlocked country covering an area of 582,000 square kilometers, with a population of 1.7 million (CSO, Population and Housing Census 2001). It is considered as an upper middle income country, as classified by international financial institutions.

Historically, agriculture was the main form of economic activity for the majority of Botswana. At independence in 1966, agriculture accounted for 40 percent of GDP and 15 percent formal employment. To date its contribution to the GDP and the formal sector has significantly decreased to 2.5 percent and 1.8 percent respectively (CSO Statistical Bulletin 2004, Labour Statistics, 2004). This relative decline in contribution to GDP is a result of both rapid growth in other sectors such as mining and the decline in performance of the sector itself. The sector continues to decline, for example in 1992/3 the sector's GDP contribution was 4.9 percent while the formal employment sector was 2.1 percent (CSO Statistical Bulletin 1995).

Diamonds, being the major economic contributor to the government revenue, have been exploited since 1970. However, the need to develop the agricultural sector, especially in the rural areas cannot be overemphasized, taking into account the fact that a significant number of the country's population in rural areas<sup>1</sup> derive its livelihood from agriculture, be it pastoral or arable for food security, employment creation and income generation, to mention a few.

The government has, over the years, targeted rural development in an effort to promote agricultural productivity, despite its poor performance. The poor performance of the sector is more associated to the arable sub sector as compared to the livestock sub sector, despite strategies and policies formed to address food security in the country, more specifically the National Food Strategy which was revised in 2000, as well as the National Policy on the Agricultural Development of 1991<sup>2</sup>.

Despite the poor performance of the agricultural sector, the sector remains of strategic importance to the country's economy. This stems from the fact that:

- The livestock sub sector has a significant contribution to the economy through foreign exchange earnings, for example in 2001, beef, hides and skin exports accounted for about 3.0 percent of the country's exports revenue (CSO, Statistical Bulletin 2002) and ranked the second significant contributor after mining. In fact beef is one of the country's main export and hence contributes significantly in the sector's GDP (of the 3 percent GDP, beef alone accounted for 2.6 percent).
- The sector plays a significant economic role by providing upwards and downwards linkage through the supply of raw materials such as hides and skins for agro-processing

<sup>1</sup>

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<sup>1</sup> The rural population was 770,383 (45.8 %) of which 211,956 (27.5 %) was engaged in agricultural activities (Population and Housing Census, 2001). This excluded commercial farms

<sup>2</sup> National Policy On Agricultural Development – A Government Paper No. One (1) of 1991.

The agricultural sector in Botswana faces many challenges that cause its performance to either stagnate or decline. These challenges include low and unreliable rainfall, recurrence of droughts, lack of agriculture production resources by farmers, poor crop and livestock management, lack of markets and marketing infrastructure as well as poor technology adoption, to mention a few<sup>3</sup>.

Although the agricultural sector continues to shrink, the government has now adopted strategies under NDP 9 which focus on the introduction of appropriate technology under the National Master Plan For Arable Agriculture and dairy Production (NAMPAAD), the development of agricultural infrastructure policy, gazettelement of agricultural land and the revival of extension services by orientation and training of the staff as well as undertaking appropriate agricultural research programs, to mention a few.

Based on the above challenges, we hope that this data will be helpful in coming up with turn around strategies, programmes and projects to improve the sector's performance.

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<sup>3</sup> *Integrated Strategy For Sustainable Agricultural Development. A Paper Presented by the Ministry of Agriculture, 1993.*

## **CHAPTER 2 CENSUS OBJECTIVES, SCOPE AND COVERAGE, BASIC CONCEPTS AND DEFINITIONS**

### **2.1 OBJECTIVES**

The main objectives of this agricultural census are to address the long and short term provision of basic baseline information on both crops and livestock production statistics required for planning, reviewing, evaluating, monitoring and formulation of policies, programmes and projects in the agricultural sector.

**(i) Long Term Objective:** To provide time series of basic information on both crops and livestock production and on the total number of agricultural holders, the results and experiences of which would be utilized in planning the annual agricultural surveys during the intercensal period beginning 2005 and ending in 2013.

**(ii) Intermediate Term Objective:** To provide new baseline data at national and sub national levels on both crops and livestock production statistics that would be used immediately after the census to review, design, implement appropriate policies and programmes targeted towards improving the farming community, particularly those in the rural areas, as well as individuals for investment purposes.

**(iii) Short Term Objective:** To provide training in order to build capacity and experience in the techniques of censuses and annual surveys design, expanded sample estimation and selection and estimation procedures to ensure continuity in the production of agricultural information system for agricultural development planning, monitoring and evaluation.

### **2.2 QUESTIONNAIRES AND COVERAGE**

There were four sets of questionnaires used during the census, namely Forms I, II, III and IV. The first three forms were used for the traditional sector while the fourth one was for the commercial sector.

Form I dealt with listing of all dwellings within each selected enumeration area in a particular agricultural district. It was in this form that agricultural holders were identified and selected.

Form II dealt with data collection on;

- Characteristics of the agricultural holder and other members of his/her holding (age, sex, marital status, education levels, economic activity etc)
- Land use in terms of crop and fallow land and measurements of such

Form III dealt with data collection on;

- Livestock counts and inventory (births, deaths, sales, home consumption, purchases for cattle, goats and sheep)
- Crop production
- Farming practices
- Livestock water supply, farm equipment and machinery inventory
- Farm Enterprises (economic section and farm labour)

Form IV dealt with basically the same information in Form III except that it included dairy cattle, fruits and vegetables. This information was collected from commercial farmers only

## **2.3 FIELDWORK**

### **2.3.1 Pre-Test**

The 2004 Botswana Agricultural Census questionnaires were pre-tested in areas within the Gaborone agricultural region. This was basically meant to check the applicability of the questionnaires and also to mark on the time taken to complete the questionnaire. The pre test questionnaires were also used to test other programs such as edit and tabulation programs. The exercise was carried out in August 2003. Few changes were incorporated into the questionnaires thereafter.

### **2.3.2 Training of Field Staff and Formation of Teams**

Training of enumerators was conducted in Mahalapye Prison for two weeks at the beginning of January 2004. There were one hundred and thirty five (135) temporary field staff recruited. These were supplemented by Agricultural Statistics Unit (ASU) permanent field staff, of which the majority were supervisors. Forty three (43) teams were formed comprising four (4) members per team, including a supervisor. The teams were deployed to agricultural districts within the six agricultural regions.

Twenty three (23) vehicles were pooled from Central Transport Organization (CTO) together with drivers, twenty (20) were from the Ministry of Agriculture, while five (5) were from Central Statistics Office. Although we had these vehicles, there were some challenges regarding continuous vehicle breakdowns as the majority of them were not suitable for the exercise due to bad terrains.

### **2.3.3 Data Collection**

Data collection was done in three phases. The first two phases confined to the traditional sector, while the third phase was confined to the commercial sector and follow ups. The first phase ran from January to June, while the second phase ran from June to September. Forms for the third phase were dispatched in August and follow ups were done from October to December 2004.

#### **(a) Traditional Sector**

As already stated, the traditional sector data collection is carried out using the sets of questionnaires, notably, Form I, II and III. Data collection was done in two phases. During the first phase, dwellings were listed on Form I and agricultural holders identified and sampled. Data on characteristics of agricultural holder and his/her holding, farming practices, land use in terms of crop and fallow land, including land measurements were collected using Form II.

Form III is administered during second phase. Data collection was mainly on livestock counts and inventory, crop production, water supply, farm equipment and machinery inventory and farm enterprises.

Data collection commenced immediately after training in January 2004 and was supposed to run until September. This was not possible because of the following limitations;

- Continuous rains that lasted for four months, thus ending in April. This made it difficult for enumerators to complete their assignments at the targeted date. Hence

data collection was extended to end November 2004. Commercial farms follow ups were done until December 2004 because of the low response during the target period.

- Continuous vehicle breakdowns. This also added a strain to the project.

Data quality control checks were done by Technical Officers at an interval of three months.

## **(b) Commercial Sector**

Phase three dealt with data collection on commercial farms only using Form IV. Unlike in the traditional sector, commercial sector questionnaires are mailed to farmers and they administer them and send them back to the office. The problem with this kind of data collection is high non response rates, hence the need to conduct follow ups.

### **2.3.4 Dates of Survey Phases**

| <b>Rounds</b>         | <b>Period</b>                                           | <b>Remark</b>                                                            |
|-----------------------|---------------------------------------------------------|--------------------------------------------------------------------------|
| Training              | 2 weeks                                                 |                                                                          |
| 1 <sup>st</sup> Phase | January to June 2004                                    | Was affected by continuous rains until April and also vehicle breakdowns |
| Days Offs             | Taken after every 22 days of continuous work in a month |                                                                          |
| 2 <sup>nd</sup> Phase | July to September 2004                                  | Hampered by continuous vehicle breakdowns                                |
| Days Offs             | Taken after every 22 days of continuous work in a month |                                                                          |
| 3 <sup>rd</sup> Phase | Follow ups - November to December 2004                  | Hampered by shortage of vehicles                                         |

## **2.4 DATA PROCESSING**

Data processing was computer based and was done in house.

### **2.4.1 Data Entry**

Before data entry was carried out, the questionnaires were edited to check if all the relevant questions have been responded to and coded according to the codes designed by the unit and other codes from the Botswana Standard Industrial Classification. Data entry screen templates based on the questionnaires were thereafter designed by programming assistants before data capture began. Data entry started in August 2004 and was completed in February 2005.

### **2.4.2 Data Cleaning**

After the completion of data entry, the Consistency Correction program was run to do some consistency checks on the data set as per the computer edit specifications designed by the Agricultural Statistics Unit. The screen editing team supervised by the senior staff in charge of the census did the screen editing. Any queries were corrected by comparing the entries in the questionnaire with what was shown in the screen template.

After screen editing, the two data sets (Form I data set and Forms II & III data set) identification (agricultural region, administrative district, agricultural district, block number, dwelling and household number) was matched for consistency. This was done through a computer program before the calculation of weights and tabulation.

### **2.4.3 Weights**

The weights were calculated separately to gross up the data and were stored in a different weights file. After the data has been cleaned and consistency checks between Form I and Form II & III questionnaires was completed, weights were applied to the data according to specified procedure, before tabulation began.

### **2.4.4 Data Processing Constraints**

There were constraints during data processing, which resulted in late production of the Stats Brief, and hence the final report. Unlike other project data processing, which are usually out sourced, this was done in house. The mismatch program, which was used to match Form I identification with forms II and III identification, was not available for a long time. Once this was resolved, another problem aroused with another program used to pick up the weights so that data could be grossed up before tabulation. This was also resolved after a long time.

### **2.4.5 Response Rate**

Out of the 22,662 sampled agricultural holders for the traditional sector, 21,743 responded to the questionnaires. This yielded a 95.9 percent response rate. However, the response rate for the commercial sector was low.

## **2.5 BASIC CONCEPTS AND DEFINITIONS**

Standard concepts and definitions are used in any survey/census set up to maintain consistent measurement of variables of interest and hence the following were used:

### ***Census Year***

This is the calendar year starting from January to September. At times, the fieldwork goes beyond the stipulated period but the questions asked are confined to the census under consideration.

### ***Traditional Sector***

Traditional sector entails agricultural operations on a communal land mainly for subsistence purposes.

### ***Commercial Sector***

Commercial sector involves agricultural operations either on a freehold, leasehold or Tribal Grazing Land Policy (TGLP) ranches. These operations are solely for commercial purposes.



### ***Agricultural Holding/Farm***

An “Economic Unit” of an agricultural production under single management such as total land area (fallow land and crop land) and livestock by type (cattle, goats, sheep, donkeys, mules, pigs, etc) owned, managed, rented or operated by the holder during the census year.

### ***Agricultural Holder***

An agricultural holder is a person who makes the day-to-day decisions for the agricultural holding. The holder has the responsibility and accountability for the holding and may delegate some responsibilities related to day-to-day work to other people. The holder may be resident in the farm (in case of ranches) or on a piece of land in communal areas where ploughing or animal husbandry takes place (in case of pastoral/arable/subsistence farming). The holder may also be resident somewhere else but still making major decisions on the operations of the holding.

### ***Dwelling Unit/Lolwapa***

A lolwapa, in its traditional sense, consists of one or more structures or buildings, permanent or temporary, usually surrounded by a fence/wall or something to mark its boundaries. In some areas the huts and/or other structures may not be fenced, but they are usually in very close proximity. A lolwapa may contain more than one household.

Mapping teams have already identified every lolwapa in Botswana and, in rural areas, affixed lolwapa number (on a metal plate) to the door of each lolwapa. In urban areas the plot number has been used as the lolwapa number - and, since the plot number is usually visible, no metal plates have been affixed to urban malwapa.

### ***Household***

A household is any unit, family or group of people having the same cooking arrangements and/or “living under the same roof” in the same dwelling unit and eating together from the same pot and/or making common provision for food or other living arrangements.

Sometimes two or more persons who are not related to each other share a house or flat. They should be enumerated as a single household, provided they share common budgetary and housekeeping arrangements. Otherwise, they should be enumerated as separate households.

### ***Respondent***

A respondent is any person who is at least twelve (12) years, and answers the questions during the survey.

### ***Enumeration Area (EA)***

A definable and demarcated land area marked on the map for identification purposes. Enumeration areas are delineated prior to the population and housing. The same enumeration areas are used for the agricultural census.

### ***Fallow Land***

Land not ploughed during the survey season but was ploughed during the past year(s). For a piece of land to be regarded as fallow it has to stay at most five years without being ploughed. However, this differs from one region to the other.

**Field**

A field is a piece of land under one use. It could be either under one crop, crop mixture or lying fallow.

**Planted Land**

Land area that is planted during the current agricultural season.

**Crop Mixture**

This is when more than one crop are Inter-planted in one field such as sorghum, maize and pulses.

**Pure Stand**

This is when one crop is planted in one field. For example, when maize is planted alone in one field is referred to as a pure stand.

**Planting Season**

This is the period from October of any year to February of the following year.

**Harvesting Season**

This is usually from May to August of any given year.

**Cattle Holder**

An Agricultural holder with at least 100 cattle. This holder is not exclusive to such cattle holding but may hold other holdings such as small stock and cropland.

**Other Agricultural Holder**

Any agricultural Holder who has at most 99 cattle in addition to other holdings such as small stock, crop land and other livestock.

**Birth Rate**

This refers to the ratio of total number of births during the census year to total number of livestock (cows, goats and sheep) during the same census year or agricultural season.

**Death Rate**

This refers to ratio of total number of deaths during the census year to total number of livestock by type (cattle, goats and sheep) during the same census year or agricultural season.

**Off take Rate**

This refers to ratio of off take to total number of livestock by type (cattle or goats and sheep) during the census year or agricultural season.

**Off take** = Sales – Purchase + Home Slaughter.

## **CHAPTER 3**

### **CENSUS METHODOLOGY**

The methodology used for the 2004 Botswana Agricultural Census is the same as the methodology that was used for the past Agricultural Censuses of 1982 and 1993. The same methodology will be used for the annual agricultural surveys which will be conducted during the inter-censal period beginning 2005 until the next agricultural census.

#### **3.1 TARGET POPULATION**

The rural areas of Botswana including large villages, which were classified as urban<sup>2</sup> during the 2001 Population and Housing Census, formed the basis for the subsistence agricultural holders. A list of agricultural farms or ranches on freehold land, leasehold land, and Tribal Grazing Policy Land (TGLP) on communal land formed the basis for the commercial agricultural holders. Thus the target population for the 2004 Botswana Agriculture Census was the traditional and commercial agricultural holdings.

#### **3.2 SAMPLING FRAME**

##### **3.2.1 Sampling Frame in the Traditional Sector**

The Sampling Frame was constructed from the 4,165 Enumeration Areas (EAs) demarcated during the 2001 Population and Housing Census. This excluded all enumeration areas for cities (Gaborone and Francistown) and towns (Lobatse, Selebi Phikwe, Orapa, Jwaneng and Sowa). Also excluded from the sampling frame were enumeration areas for camps and commercial farms or ranches. The remaining 3,112 EAs constituted the sampling frame for traditional or subsistence farming during the 2004 Agricultural Census. This was approximately 75% of the total enumeration areas constructed in the whole country. A total of 1,202 enumeration areas were selected as primary sampling units (PSU). This constituted approximately 39% of the total agricultural census frame.

The 2004 Agricultural Census sampling frame constituted 211,956 agricultural holdings as enumerated during the 2001 Population and Housing Census. From these holdings, a sample of 24,040 agricultural holdings was estimated. This formed the secondary sampling units (SSU) and was approximately 11% of the total number of agricultural holdings in the agricultural census frame.

##### **3.2.2 Sampling Frame in the Commercial Sector**

A list of freehold, leased and TGLP farms or ranches obtained from the Establishment and Enterprise Register (EER) formed a basis for the commercial sector sampling frame. This was supplemented by a list of commercial farms obtained by enumerators during annual agricultural surveys. Department of Animal Health and Production (DAHP), through its extension service, also provided a list of farms/ranches.

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<sup>2</sup> Urban Villages: These are villages each with a 2001 Census population of 5,000 or more and at least 75 percent of its workforce engaged in non-agricultural economic activities.

### 3.3 STRATIFICATION

The 2004 agricultural census has three levels of stratification. The lowest level comprised of the twenty-six agricultural districts. The second level consists of the six agricultural regions. The third level is the national level. A note has to be made here that the agricultural districts are not necessarily the same as administrative districts as defined by the Ministry of Local Government.

Creation of strata is dictated by two principal criteria. These include the need to:

- Provide estimates for each major region of the country.
- Increase precision.

Apart from national and rural estimates, the Government, which is the main user of CSO data, requires accurate estimates for all agricultural districts and regions for planning and monitoring of agricultural development projects. Explicit stratification was therefore undertaken such that all agricultural districts become their own strata.

The frame was organized in such a way that there was implicit stratification<sup>3</sup> according to rural ecological zones namely (i) Village (ii) Lands, and (iii) Cattle-post. This implicit stratification along ecological zones was expected to improve the accuracy of survey data in view that homogeneity of the variables was relatively high.

During the delineation of the maps, each EA was associated with unique ecological zone and thus, grouping the EAs into respective zones was not a problem. To facilitate the selection according to the stratification variables, the EAs were listed in three independent subgroups viz. (i) Village (ii) Lands, and (iii) Cattle-post in each agricultural district.

### 3.4 SAMPLE SIZE

Many factors were considered when establishing the sample size for the 2004 Agricultural Census. The most important were: 1) The general and specific objectives of the census, which required estimation of many variables; 2) The "needed" or "required" precision to achieve the census objectives measured in cost-benefit terms; 3) The magnitude of non-sampling errors that could affect the sampling design; and 4) The quality and completeness of Enumeration Areas (Sampling Frame).

The budget approved for the 2004 agricultural census had a fixed provision to contract 172 enumerators (43 teams of 4 enumerators each). The estimated desired minimum sample size based on data from the 2001 Population and Housing Census was approximately 24,040 agricultural holdings, constituting approximately 11 percent of the total number of agricultural holdings enumerated (See Table 2). This yielded a total of 1,202 enumeration areas, which constituted approximately 39 percent of agricultural census enumeration area sampling frame (EASF). In some agricultural districts a complete coverage of all enumeration areas was required in order to meet the minimum sample size of agricultural holdings as determined by the required expected precision.

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<sup>3</sup> *Implicit Stratification: PSUs are arranged with respect to one or more variable, which are highly correlated with the variable of interest. Implicit stratification guarantees that the sample of PSUs will be spread across the categories of the stratification variables.*

### 3.5 ALLOCATION OF SAMPLE (EAs) TO STRATA

Out of the 1202 enumeration areas, 287 were allocated to the cattle-posts' stratum, 424 to the lands' stratum and 491 to the villages' stratum. Independent sample sizes were estimated at each individual stratum and added to give total sample size at agricultural district level, agricultural region level and at the national level. Allocation of EAs to strata was estimated on the basis of coefficient of variation of average number of agricultural holders and margin of allowable error (five percent).

### 3.6 SAMPLE DESIGN FOR TRADITIONAL SECTOR

The stratified two-stage probability sample design was used for the selection of sample (subsistence agricultural holdings).

The **first stage** was the selection of Enumeration Areas as Primary Sampling Units (PSUs) and was selected with probability proportional to measure of size (PPS); the measure of size being the total number of agricultural holdings enumerated during the 2001 Population and Housing Census.

The **second stage** of sampling was the actual number of subsistence farmers or agricultural holders who were listed and systematically selected within each selected enumeration area. This formed the Secondary Sampling Units (SSUs).

To identify agricultural and non-agriculture holdings, a complete listing of dwelling units was carried out in the listing form (known as Form I) in all the selected enumeration areas. To qualify as an agricultural holding, a household had to possess the following characteristics: have at least one or a combination of the following; cattle, goats, sheep, donkeys/mules, horses, a piece of land whether fallow or planted. This constituted a frame of agricultural holders (second stage sampling frame). All agricultural holders with 100 cattle or more in any selected enumeration area were automatically selected with a "sure probability", indicating a one stage sampling design and hence were excluded from this newly constructed frame. The supervisor selected a pre-determined sample of 20 agricultural holders for each selected enumeration area. The principle of "Take-All" was applied whenever the constructed frame had 20 agricultural holders or less.

### 3.7 SAMPLING WEIGHTS

One of the byproducts of the increased availability of computer programs for processing survey data has been the practice of assigning a weight to each sample case when non-epsem<sup>4</sup> designs are used. The sampling weights were calculated for the sampling design used for 2004 Agriculture Census.

Being a multistage design, it follows naturally that the sample selected at each stage represents the respective population. The fundamental assumption was that units selected at each stage were similar to those not selected, in respect of characteristics of interest.

The weights of the sample are equal to the inverse of the probability of selection. Therefore the sampling probabilities at first stage of selection of EAs including probabilities of selecting the holders were used to calculate the weights as follows. There are three components to the weighting:

#### (i) From EA to Stratum Level

First stage weights account for the varying probability of EA selection. That is they are proportional to the inverse of the measure of size.

**First stage weight** for i-th EA in h-th stratum is

$$W_{1hi} = \frac{\sum_{i=1}^{N_h} M_{hi}}{n_h M_{hi}}$$

Where,

$W_{1hi}$  = First stage weight for i-th EA in h-th stratum.

$n_h$  = The number of EAs selected in h<sup>th</sup> stratum.

$M_{hi}$  = The size (Agricultural holders as per 2004 Agric Census Sampling Frame) of the i-th EA in h-th stratum

$\sum_i M_{hi}$  = The total size of the h<sup>th</sup> stratum (2004 Agric Census Sampling Frame).

$N_h$  = stratum total of agricultural holders

#### (ii) From Household Level to EA Level

This is a simple weight obtained by dividing the total listed households in the EA by the number of selected households in that EA.

**Second stage weight** for i-th EA in h-th stratum is

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<sup>4</sup> epsem: Equal probability of selection of selection sample design

$$W_{2hi} = \frac{M_{hi}^L}{m_{hi}}$$

Where,

$W_{2hi}$  = Second stage weight for i-th EA in h-th stratum.

$M_{hi}^L$  = Total number of listed agricultural holders in i-th EA in h-th stratum.

$m_{hi}$  = The number of selected households for the i-th EA in h-th stratum.

### (iii) A Non-Response Adjustment

For the 2004 Agriculture Census no substitution was allowed for non-response and holding questionnaires had to be returned for all holding which, responding or not.

The non-response rate was made at the EA level. The adjustment was equal to the selected agricultural holders (respondents + non respondents) divided by the actual interviewed agricultural holders (responded holders).

The non-response adjustment for the i-th EA in h-th stratum

$$R_{hi} = 1 + \frac{m_{(nr)hi}}{m_{(r)hi}}$$

Where;

$m_{(nr)hi}$  = the number of agricultural holders who did not respond in i-th EA of h-th stratum.

$m_{(r)hi}$  = the number of agricultural holders who responded in i-th EA of h-th stratum.

Thus, the **final weights** for the i-th EA in h-th stratum are

(a) *Agricultural Holders with at least 100 cattle*

$$W_{100hi} = W_{1hi} \times R_{hi}$$

(b) *Agricultural Holders with less than 100 cattle*

$$W_{hi} = W_{1hi} \times W_{2hi} \times R_{hi}$$

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

| YEAR | CATTLE | GOATS | SHEEP | DONKEYS | HORSES | CHICKEN | PIGS | OSTRICH |
|------|--------|-------|-------|---------|--------|---------|------|---------|
| 1979 | 2,840  | 616   | 152   | 127     | 18     | 740     | 6    | 0       |
| 1980 | 2,911  | 638   | 149   | 130     | 22     | 833     | 6    | 0       |
| 1981 | 2,967  | 621   | 140   | 127     | 24     | 1,046   | 5    | 0       |
| 1982 | 2,979  | 636   | 140   | 138     | 24     | 1,146   | 5    | 0       |
| 1983 | 2,818  | 783   | 165   | 142     | 23     | 961     | 5    | 0       |
| 1984 | 2,685  | 889   | 167   | 139     | 23     | 714     | 7    | 0       |
| 1985 | 2,459  | 1,138 | 200   | 146     | 23     | 1,020   | 9    | 0       |
| 1986 | 2,332  | 1,332 | 229   | 142     | 24     | 1,179   | 11   | 0       |
| 1987 | 2,264  | 1,470 | 240   | 147     | 24     | 1,283   | 11   | 0       |
| 1988 | 2,408  | 1,691 | 259   | 150     | 28     | 1,810   | 13   | 0       |
| 1989 | 2,543  | 1,897 | 286   | 151     | 32     | 2,013   | 15   | 0       |
| 1990 | 2,696  | 2,092 | 317   | 158     | 34     | 2,126   | 16   | 0       |
| 1993 | 1,821  | 1,838 | 250   | 231     | 31     | 1,077   | 4    | 0       |
| 1995 | 2,530  | 2,624 | 337   | 303     | 35     | 3,157   | 1    | 0       |
| 1996 | 2,249  | 2,205 | 349   | 336     | 5      | 1,355   | 3    | 0       |
| 1997 | 2,212  | 2,615 | 409   | 404     | 7      | 1,191   | 2    | 0       |
| 1998 | 2,345  | 2,199 | 393   | 400     | 8      | 776     | 4    | 0       |
| 1999 | 2,581  | 1,916 | 369   | 373     | 5      | 874     | 4    | 0       |
| 2000 | 2,099  | 1,576 | 256   | 319     | 48     | 1015    | 1    | 0       |
| 2001 | 2,468  | 1,887 | 306   | 409     | 5      | 928     | 5    | 0       |
| 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       |

Figures for 1991 -1992, 1994 not available.



TABLE 1.2: LIVESTOCK TRENDS (CATTLE): BIRTH, DEATH AND OFFTAKE RATES (%)

| YEAR | BIRTH RATES         |                    | DEATH RATES         |                    | OFFTAKE RATES       |                    |
|------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|      | TRADITIONAL FARMING | COMMERCIAL FARMING | TRADITIONAL FARMING | COMMERCIAL FARMING | TRADITIONAL FARMING | COMMERCIAL FARMING |
| 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                | 15.1               | 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 | 54.4                | 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                | 8.0                 | 12.3               |

Figures for 1991 -1992, 1994 not available.

TABLE 1.3: LIVESTOCK TRENDS (GOATS): BIRTH, DEATH AND OFFTAKE RATES (%)

| YEAR | BIRTH RATES         |                    | DEATH RATES         |                    | OFFTAKE RATES       |                    |
|------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|      | TRADITIONAL FARMING | COMMERCIAL FARMING | TRADITIONAL FARMING | COMMERCIAL FARMING | TRADITIONAL FARMING | COMMERCIAL FARMING |
| 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 | 80.5                | 79.5               | 23.3                | 17.2               | 15.5                | 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                |

Figures for 1991 -1992, 1994 not available.

TABLE 1.4: LIVESTOCK TRENDS (SHEEP): BIRTH, DEATH AND OFFTAKE RATES (%)

| YEAR | BIRTH RATES         |                    | DEATH RATES         |                    | OFFTAKE RATES       |                    |
|------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
|      | TRADITIONAL FARMING | COMMERCIAL FARMING | TRADITIONAL FARMING | COMMERCIAL FARMING | TRADITIONAL FARMING | COMMERCIAL FARMING |
| 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 | 63.5                | 59.4               | 13.1                | 16.7               | 5.9                 | 1.7                |
| 2001 | 33.4                | -                  | 15                  | -                  | 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               |

Figures for 1991 -1992, 1994 not available.

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

| YEAR | SORGHUM | MAIZE | MILLET | PULSES | SUNFLOWER | GROUNDNUTS |
|------|---------|-------|--------|--------|-----------|------------|
| 1979 | 68      | 52    | 13     | 27     | 6         | 4          |
| 1980 | 147     | 80    | 17     | 24     | 7         | 5          |
| 1981 | 141     | 87    | 20     | 26     | 3         | 5          |
| 1982 | 93      | 64    | 16     | 20     | 2         | 2          |
| 1983 | 126     | 61    | 17     | 22     | 1         | 1          |
| 1984 | 114     | 48    | 17     | 17     | 2         | 4          |
| 1985 | 125     | 49    | 16     | 15     | 3         | 2          |
| 1986 | 161     | 44    | 18     | 16     | 1         | 2          |
| 1987 | 210     | 46    | 14     | 16     | 1         | 2          |
| 1988 | 279     | 54    | 13     | 18     | 1         | 1          |
| 1989 | 266     | 88    | 20     | 30     | 1         | 2          |
| 1990 | 206     | 80    | 12     | 20     | 1         | 2          |
| 1993 | 144     | 85    | 15     | 27     | 3         | 2          |
| 1995 | 166     | 86    | 11     | 26     | 4         | 1          |
| 1996 | 191     | 134   | 11     | 36     | 0         | 2          |
| 1997 | 154     | 117   | 11     | 77     | 1         | 5          |
| 1998 | 65      | 88    | 9      | 32     | 0         | 11         |
| 1999 | 114     | 123   | 8      | 38     | 0         | 3          |
| 2000 | 106     | 123   | 5      | 35     | 1         | 4          |
| 2001 | 23      | 48    | 3      | 15     | 1         | 1          |
| 2002 | 66      | 95    | 3      | 30     | 0         | 2          |
| 2003 | 25      | 38    | 3      | 11     | 0         | 0          |
| 2004 | 49      | 63    | 7      | 15     | 0         | 1          |

Figures for 1991 -1992, 1994 not available.

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

| YEAR | SORGHUM | MAIZE | MILLET | PULSES | SUNFLOWER | GROUNDNUTS |
|------|---------|-------|--------|--------|-----------|------------|
| 1979 | 43      | 21    | 8      | 14     | 5         | 2          |
| 1980 | 131     | 47    | 14     | 13     | 7         | 4          |
| 1981 | 123     | 59    | 13     | 15     | 3         | 4          |
| 1982 | 37      | 24    | 4      | 4      | 2         | 1          |
| 1983 | 35      | 20    | 6      | 3      | 1         | 1          |
| 1984 | 49      | 3     | 8      | 3      | 1         | 2          |
| 1985 | 83      | 8     | 10     | 3      | 1         | 1          |
| 1986 | 97      | 9     | 10     | 5      | 0         | 1          |
| 1987 | 114     | 5     | 6      | 3      | 0         | 1          |
| 1988 | 244     | 33    | 9      | 11     | 1         | 1          |
| 1989 | 201     | 52    | 12     | 17     | 1         | 1          |
| 1990 | 153     | 41    | 9      | 12     | 1         | 1          |
| 1993 | 66      | 22    | 11     | 9      | 1         | 1          |
| 1995 | 106     | 20    | 7      | 10     | 5         | 1          |
| 1996 | 164     | 100   | 9      | 25     | 0         | 1          |
| 1997 | 64      | 79    | 8      | 34     | 1         | 4          |
| 1998 | 27      | 24    | 5      | 13     | 0         | 9          |
| 1999 | 45      | 34    | 5      | 11     | 0         | 1          |
| 2000 | 53      | 78    | 3      | 22     | 1         | 2          |
| 2001 | 13      | 25    | 2      | 8      | 1         | 1          |
| 2002 | 31      | 35    | 0      | 11     | 0         | 0          |
| 2003 | 5       | 8     | 1      | 3      | 0         | 0          |
| 2004 | 39      | 43    | 6      | 8      | 0         | 1          |

Figures for 1991 -1992, 1994 not available.

TABLE 1.7: TOTAL PRODUCTION (METRIC TONNES) TRENDS (Traditional &amp; Commercial) BY TYPE OF CROP

| 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 | 11,756  | 7,536  | 2,697  | 2,177  | 487       | 270        |

Figures for 1991 -1992, 1994 not available.

TABLE 1.8: TRADITIONAL SECTOR: YIELD PER HECTARE PLANTED (KG/HA ) TRENDS BY TYPE OF 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 | 217     | 114   | 379    | 134    | 113       | 247        |

Figures for 1991 -1992, 1994 not available.

TABLE 2.1: SAMPLED BLOCKS AND NUMBER OF HOLDERS SELECTED BY DISTRICT AND REGION

| District/<br>Region | Total Number of<br>Blocks (FRAME) | Total Number of<br>Selected Blocks | Total Number of<br>Sampled Holders | Average Number of Sampled<br>Holders Per Selected Block |
|---------------------|-----------------------------------|------------------------------------|------------------------------------|---------------------------------------------------------|
| Barolong            | 50                                | 50                                 | 934                                | 19                                                      |
| Ngwaketse South     | 75                                | 35                                 | 579                                | 17                                                      |
| Ngwaketse North     | 103                               | 48                                 | 935                                | 19                                                      |
| Ngwaketse Central   | 145                               | 39                                 | 583                                | 15                                                      |
| Ngwaketse West      | 70                                | 41                                 | 820                                | 20                                                      |
| SOUTHERN REGION     | 443                               | 213                                | 3,851                              | 18                                                      |
| Balete/Tlokweng     | 111                               | 43                                 | 724                                | 17                                                      |
| Kweneng South       | 316                               | 34                                 | 611                                | 18                                                      |
| Kweneng North       | 119                               | 40                                 | 790                                | 20                                                      |
| Kweneng West        | 91                                | 44                                 | 941                                | 21                                                      |
| Kgatleng            | 181                               | 63                                 | 1,054                              | 17                                                      |
| GABORONE REGION     | 818                               | 224                                | 4,120                              | 18                                                      |
| Mahalapye East      | 115                               | 53                                 | 970                                | 18                                                      |
| Mahalapye West      | 168                               | 56                                 | 1,064                              | 19                                                      |
| Palapye             | 182                               | 62                                 | 1,081                              | 17                                                      |
| Serowe              | 195                               | 70                                 | 1,442                              | 21                                                      |
| Bobonong            | 107                               | 43                                 | 769                                | 18                                                      |
| Letlhakane          | 115                               | 45                                 | 1,006                              | 22                                                      |
| Selebi-Phikwe       | 80                                | 35                                 | 742                                | 21                                                      |
| CENTRAL REGION      | 962                               | 364                                | 7,074                              | 19                                                      |
| Tati                | 106                               | 20                                 | 333                                | 17                                                      |
| Tutume              | 218                               | 71                                 | 1,259                              | 18                                                      |
| Tonota              | 110                               | 40                                 | 826                                | 21                                                      |
| FRANCISTWON REGION  | 434                               | 131                                | 2,418                              | 18                                                      |
| Ngamiland West      | 94                                | 33                                 | 589                                | 18                                                      |
| Ngamiland East      | 143                               | 130                                | 2,587                              | 20                                                      |
| Chobe               | 42                                | 42                                 | 598                                | 14                                                      |
| MAUN REGION         | 279                               | 205                                | 3,774                              | 18                                                      |
| Gantsi              | 75                                | 32                                 | 684                                | 21                                                      |
| Hukuntsi            | 43                                | 12                                 | 257                                | 21                                                      |
| Tsabong             | 58                                | 21                                 | 484                                | 23                                                      |
| WESTERN REGION      | 176                               | 65                                 | 1,425                              | 22                                                      |
| TOTAL TRADITIONAL   | 3,112                             | 1,202                              | 22,662                             | 19                                                      |



TABLE 2.2: SUMMARY OF TRADITIONAL AND COMMERCIAL SECTORS LIVESTOCK STATISTICS

|                   |                              | TRADITIONAL SECTOR |             | COMMERCIAL SECTOR |             | TOTALS      |             |              |
|-------------------|------------------------------|--------------------|-------------|-------------------|-------------|-------------|-------------|--------------|
|                   |                              | 1993               | 2004        | 1993              | 2004        | 1993        | 2004        | % Change     |
| TOTAL HOLDINGS    |                              | 100,927            | 120,583     | 507               | 742         | 101,434     | 121,325     | 19.6         |
| CATTLE:-          | TOTAL HOLDINGS               | 53,897             | 71,826      | 452               | 695         | 54,349      | 72,521      | 33.4         |
|                   | TOTAL CATTLE                 | 1,562,200          | 1,939,927   | 258,500           | 214,893     | 1,820,700   | 2,154,820   | 18.4         |
|                   | TOTAL COWS                   | 655,700            | 857,667     | 108,500           | 95,211      | 764,200     | 952,878     | 24.7         |
|                   | TOTAL BIRTHS                 | 373,900            | 466,804     | 60,800            | 47,016      | 434,700     | 513,820     | 18.2         |
|                   | TOTAL DEATHS                 | 499,500            | 245,434     | 17,400            | 10,238      | 516,900     | 255,672     | -50.5        |
|                   | TOTAL SALES                  | 149,300            | 148,399     | 81,600            | 35,317      | 230,900     | 183,716     | -20.4        |
|                   | TOTAL HOME SLAUGHTER         | 23,500             | 31,460      | 7,100             | 1,000       | 30,600      | 32,460      | 6.1          |
|                   | TOTAL PURCHASES              | 13,200             | 25,161      | 76,500            | 9,895       | 89,700      | 35,056      | -60.9        |
|                   | OFFTAKE                      | 159,600            | 154,698     | 12,200            | 26,422      | 171,800     | 181,120     | 5.4          |
|                   | <b>OFFTAKE RATE</b>          | <b>10.2</b>        | <b>8.0</b>  | <b>4.7</b>        | <b>12.3</b> | <b>9.4</b>  | <b>8.4</b>  | <b>-10.9</b> |
|                   | <b>BIRTH RATE</b>            | <b>57.0</b>        | <b>54.4</b> | <b>56.0</b>       | <b>49.4</b> | <b>56.9</b> | <b>53.9</b> | <b>-5.2</b>  |
|                   | <b>DEATH RATE</b>            | <b>32.0</b>        | <b>12.7</b> | <b>6.7</b>        | <b>4.8</b>  | <b>28.4</b> | <b>11.9</b> | <b>-58.2</b> |
| GOATS:-           | TOTAL HOLDINGS               | 78,888             | 78,363      | 301               | 402         | 79,189      | 78,765      | -0.5         |
|                   | TOTAL GOATS                  | 1,809,400          | 1,518,456   | 28,300            | 31,881      | 1,837,700   | 1,550,337   | -15.6        |
|                   | TOTAL BIRTHS                 | 898,300            | 731,401     | 12,000            | 12,074      | 910,300     | 743,475     | -18.3        |
|                   | TOTAL DEATHS                 | 694,800            | 332,844     | 6,700             | 6,598       | 701,500     | 339,442     | -51.6        |
|                   | TOTAL SALES                  | 69,700             | 52,144      | 2,000             | 2,882       | 71,700      | 55,026      | -23.3        |
|                   | TOTAL HOME SLAUGHTER         | 125,100            | 73,004      | 2,100             | 1,770       | 127,200     | 74,774      | -41.2        |
|                   | TOTAL PURCHASES              | 18,300             | 15,522      | 600               | 1,562       | 18,900      | 17,084      | -9.6         |
|                   | OFFTAKE                      | 176,500            | 109,626     | 3,500             | 3,090       | 180,000     | 112,716     | -37.4        |
|                   | <b>OFFTAKE RATE</b>          | <b>9.8</b>         | <b>7.2</b>  | <b>12.4</b>       | <b>9.7</b>  | <b>9.8</b>  | <b>7.3</b>  | <b>-25.8</b> |
|                   | <b>BIRTH RATE</b>            | <b>49.6</b>        | <b>48.2</b> | <b>42.4</b>       | <b>37.9</b> | <b>49.5</b> | <b>48.0</b> | <b>-3.2</b>  |
|                   | <b>DEATH RATE</b>            | <b>38.4</b>        | <b>21.9</b> | <b>23.7</b>       | <b>20.7</b> | <b>38.2</b> | <b>21.9</b> | <b>-42.6</b> |
| SHEEP:-           | TOTAL HOLDINGS               | 18,993             | 17,532      | 221               | 239         | 19,214      | 17,771      | -7.5         |
|                   | TOTAL SHEEP                  | 233,300            | 232,168     | 16,800            | 11,734      | 250,100     | 243,902     | -2.5         |
|                   | TOTAL BIRTHS                 | 95,500             | 92,080      | 6,500             | 3,604       | 102,000     | 95,684      | -6.2         |
|                   | TOTAL DEATHS                 | 85,000             | 45,579      | 3,000             | 1,822       | 88,000      | 47,401      | -46.1        |
|                   | TOTAL SALES                  | 10,800             | 10,004      | 1,300             | 1,025       | 12,100      | 11,029      | -8.9         |
|                   | TOTAL HOME SLAUGHTER         | 12,000             | 9,034       | 1,100             | 760         | 13,100      | 9,794       | -25.2        |
|                   | TOTAL PURCHASES              | 2,900              | 3,051       | 900               | 230         | 3,800       | 3,281       | -13.7        |
|                   | OFFTAKE                      | 19,900             | 15,987      | 1,500             | 1,555       | 21,400      | 17,542      | -18.0        |
|                   | <b>OFFTAKE RATE</b>          | <b>8.5</b>         | <b>6.9</b>  | <b>8.9</b>        | <b>13.3</b> | <b>8.6</b>  | <b>7.2</b>  | <b>-15.9</b> |
|                   | <b>BIRTH RATE</b>            | <b>40.9</b>        | <b>39.7</b> | <b>38.7</b>       | <b>30.7</b> | <b>40.8</b> | <b>39.2</b> | <b>-3.8</b>  |
|                   | <b>DEATH RATE</b>            | <b>36.4</b>        | <b>19.6</b> | <b>17.9</b>       | <b>15.5</b> | <b>35.2</b> | <b>19.4</b> | <b>-44.8</b> |
| OTHER LIVESTOCK:- | TOTAL DONKEYS/MULES HOLDING: | 38,959             | 54,560      | 188               | 298         | 39,147      | 54,858      | 40.1         |
|                   | TOTAL DONKEYS/MULES          | 228,900            | 400,879     | 1,700             | 2,514       | 230,600     | 403,393     | 74.9         |
|                   | TOTAL HORSE HOLDINGS         | 8,391              | 11,592      | 233               | 399         | 8,624       | 11,991      | 39.0         |
|                   | TOTAL HORSES                 | 28,100             | 44,099      | 3,300             | 3,893       | 31,400      | 47,992      | 52.8         |
|                   | TOTAL PIG HOLDINGS           | n/a                | 620         | 19                | 19          | 19          | 639         | 3263.2       |
|                   | TOTAL PIGS                   | n/a                | 4,805       | 500               | 268         | 500         | 5,073       | 914.6        |
|                   | OSTRICH HOLDINGS             | n/a                | n/a         | n/a               | 39          | n/a         | 39          | 0.0          |
|                   | TOTAL OSTRICH                | n/a                | n/a         | n/a               | 1,336       | n/a         | 1,336       | 0.0          |
|                   | CHICKENS HOLDINGS            | 64,919             | 82,243      | 223               | 300         | 65,142      | 82,543      | 26.7         |
|                   | TOTAL CHICKEN                | 647,100            | 1,029,945   | 430,200           | 15,976      | 1,077,300   | 1,045,921   | -2.9         |

TABLE 2.3: SUMMARY OF TRADITIONAL AND COMMERCIAL SECTORS CROP STATISTICS

|                                                 | TRADITIONAL SECTOR |         | COMMERCIAL SECTOR |        | TOTALS  |         |          |
|-------------------------------------------------|--------------------|---------|-------------------|--------|---------|---------|----------|
|                                                 | 1993               | 2004    | 1993              | 2004   | 1993    | 2004    | % Change |
| <b>LAND HOLDINGS:-</b> TOTAL HOLDINGS WITH LAND | 63,991             | 63,257  | 99                | 100    | 64,090  | 63,357  | -1.1     |
| TOTAL LAND AREA (HA)                            | 310,042            | 208,752 | 12,158            | 16,856 | 322,200 | 225,608 | -30.0    |
| TOTAL CROP HOLDINGS                             | 56,214             | 55,807  | 93                | 70     | 56,307  | 55,877  | -0.8     |
| TOTAL AREA PLANTED (HA)                         | 269,901            | 141,585 | 8,716             | 16,856 | 278,617 | 158,441 | -43.1    |
| TOTAL AREA HARVESTED (HA)                       | 110,029            | 99,084  | 8,397             | 16,207 | 118,426 | 115,291 | -2.6     |
| TOTAL PRODUCTION (METRIC TONNES)                | 16,469             | 75,541  | 10,150            | 3,181  | 26,619  | 78,722  | 195.7    |
| <b>SORGHUM:-</b> TOTAL HOLDINGS                 | 51,031             | 38,761  | 54                | 39     | 51,085  | 38,800  | -24.0    |
| TOTAL AREA PLANTED (HA)                         | 138,394            | 48,454  | 5,924             | 11,835 | 144,318 | 60,289  | -58.2    |
| TOTAL AREA HARVESTED (HA)                       | 66,562             | 38,736  | 5,821             | 11,832 | 72,383  | 50,568  | -30.1    |
| TOTAL PRODUCTION (METRIC TONS)                  | 10,797             | 10,581  | 5,730             | 1,175  | 16,527  | 11,756  | -28.9    |
| AVERAGE YIELD PER HECTARE PLANTED (KG)          | 78                 | 218     | 967               | 99     | 115     | 195     | 70.3     |
| AVERAGE YIELD PER HECTARE HARVESTED (KG)        | 162                | 273     | 984               | 99     | 228     | 232     | 1.8      |
| <b>MAIZE:-</b> TOTAL HOLDINGS                   | 43,212             | 52,353  | 46                | 21     | 43,258  | 52,374  | 21.1     |
| TOTAL AREA PLANTED (HA)                         | 83,956             | 63,214  | 1,301             | 615    | 85,257  | 63,829  | -25.1    |
| TOTAL AREA HARVESTED (HA)                       | 22,186             | 42,804  | 1,198             | 586    | 23,384  | 43,390  | 85.6     |
| TOTAL PRODUCTION (METRIC TONS)                  | 2,976              | 7,223   | 1,278             | 313    | 4,254   | 7,536   | 77.2     |
| YIELD PER HECTARE PLANTED (KG)                  | 35                 | 114     | 982               | 506    | 50      | 118     | 136.6    |
| YIELD PER HECTARE HARVESTED (KG)                | 134                | 169     | 1,067             | 531    | 182     | 174     | -4.5     |
| <b>MILLET:-</b> TOTAL HOLDINGS                  | 12,823             | 12,972  | -                 | -      | 12,823  | 12,972  | 1.2      |
| TOTAL AREA PLANTED (HA)                         | 15,106             | 7,113   | -                 | -      | 15,106  | 7,113   | -52.9    |
| TOTAL AREA HARVESTED (HA)                       | 10,503             | 6,423   | -                 | -      | 10,503  | 6,423   | -38.8    |
| TOTAL PRODUCTION (METRIC TONS)                  | 1,546              | 2,697   | -                 | -      | 1,546   | 2,697   | 74.5     |
| YIELD PER HECTARE PLANTED (KG)                  | 102                | 379     | -                 | -      | 102     | 379     | 270.5    |
| YIELD PER HECTARE HARVESTED (KG)                | 147                | 420     | -                 | -      | 147     | 420     | 185.3    |
| <b>BEANS/PULSES:-</b> TOTAL HOLDINGS            | 28,809             | 44,478  | 24                | 14     | 28,833  | 44,492  | 54.3     |
| TOTAL AREA PLANTED (HA)                         | 27,007             | 15,284  | 196               | 535    | 27,203  | 15,819  | -41.8    |
| TOTAL AREA HARVESTED (HA)                       | 9,248              | 7,702   | 142               | 428    | 9,390   | 8,130   | -13.4    |
| TOTAL PRODUCTION (METRIC TONS)                  | 691                | 2,049   | 27                | 128    | 718     | 2,177   | 203.2    |
| YIELD PER HECTARE PLANTED (KG)                  | 26                 | 134     | 138               | 239    | 26      | 138     | 421.4    |
| YIELD PER HECTARE HARVESTED (KG)                | 75                 | 266     | 190               | 299    | 76      | 268     | 250.2    |
| <b>GROUNDNUTS:-</b> TOTAL HOLDINGS              | 1,738              | 6,035   | 6                 | -      | 1,744   | 6,035   | 246.0    |
| TOTAL AREA PLANTED (HA)                         | 1,383              | 1,093   | 176               | -      | 1,559   | 1,093   | -29.9    |
| TOTAL AREA HARVESTED (HA)                       | 567                | 558     | 147               | -      | 714     | 558     | -21.9    |
| TOTAL PRODUCTION (METRIC TONS)                  | 89                 | 270     | 34                | -      | 123     | 270     | 119.5    |
| YIELD PER HECTARE PLANTED (KG)                  | 64                 | 247     | 193               | -      | 79      | 247     | 213.0    |
| YIELD PER HECTARE HARVESTED (KG)                | 157                | 484     | 231               | -      | 172     | 484     | 180.9    |
| <b>SUNFLOWER:-</b> TOTAL HOLDINGS               | 579                | 456     | 7                 | 17     | 586     | 473     | -19.3    |
| TOTAL AREA PLANTED (HA)                         | 2,249              | 195     | 472               | 2,756  | 2,721   | 2,951   | 8.5      |
| TOTAL AREA HARVESTED (HA)                       | 861                | 115     | 468               | 2,741  | 1,329   | 2,856   | 114.9    |
| TOTAL PRODUCTION (METRIC TONS)                  | 113                | 22      | 214               | 465    | 327     | 487     | 48.9     |
| YIELD PER HECTARE PLANTED (KG)                  | 50                 | 113     | 453               | 169    | 120     | 165     | 37.3     |
| YIELD PER HECTARE HARVESTED (KG)                | 131                | 191     | 457               | 170    | 246     | 171     | -30.7    |

TABLE 2.4: TRADITIONAL: LAND, CROP, CATTLE, GOATS AND SHEEP HOLDINGS BY DISTRICT AND REGION

| District/Region     | Total Holdings | Holdings with Land | Crop Holdings | Cattle Holdings | Goat Holdings | Sheep Holdings |
|---------------------|----------------|--------------------|---------------|-----------------|---------------|----------------|
| Barolong            | 2,123          | 601                | 171           | 1,439           | 1,387         | 373            |
| Ngwaketse South     | 2,916          | 941                | 397           | 2,230           | 1,869         | 524            |
| Ngwaketse North     | 5,513          | 3,153              | 2,440         | 3,697           | 3,663         | 946            |
| Ngwaketse Central   | 4,479          | 1,339              | 704           | 2,838           | 2,693         | 1,057          |
| Ngwaketse West      | 3,761          | 2,149              | 1,643         | 2,363           | 2,285         | 605            |
| SOUTHERN REGION     | 18,792         | 8,183              | 5,355         | 12,567          | 11,897        | 3,505          |
| Bamalete/Tlokweneng | 3,286          | 1,527              | 1,077         | 1,589           | 1,920         | 235            |
| Kweneng South       | 8,276          | 3,898              | 3,520         | 5,250           | 6,167         | 1,987          |
| Kweneng North       | 4,285          | 2,591              | 2,338         | 2,368           | 3,047         | 857            |
| Kweneng West        | 4,048          | 2,607              | 2,519         | 2,200           | 2,052         | 500            |
| Kgatleng            | 6,102          | 3,075              | 2,803         | 4,186           | 3,202         | 744            |
| GABORONE REGION     | 25,997         | 13,698             | 12,257        | 15,593          | 16,388        | 4,323          |
| Mahalapye East      | 5,846          | 4,443              | 4,310         | 3,121           | 4,261         | 907            |
| Mahalapye West      | 6,585          | 2,443              | 2,351         | 3,376           | 4,209         | 839            |
| Palapye             | 5,319          | 3,420              | 3,323         | 2,667           | 3,475         | 589            |
| Serowe              | 8,074          | 3,730              | 3,368         | 4,901           | 4,286         | 735            |
| Bobonong            | 5,047          | 3,429              | 3,049         | 2,844           | 3,812         | 866            |
| Letlhakane          | 4,754          | 1,960              | 1,905         | 3,491           | 3,398         | 643            |
| Selebi-Phikwe       | 3,935          | 1,972              | 1,766         | 2,535           | 3,001         | 800            |
| CENTRAL REGION      | 39,560         | 21,397             | 20,072        | 22,935          | 26,442        | 5,379          |
| Tati                | 4,417          | 3,060              | 2,940         | 2,354           | 3,085         | 441            |
| Tutume              | 7,805          | 4,847              | 4,320         | 4,725           | 5,270         | 601            |
| Tonota              | 3,983          | 2,245              | 2,075         | 2,240           | 2,935         | 932            |
| FRANCISTWON REGION  | 16,205         | 10,152             | 9,335         | 9,319           | 11,290        | 1,974          |
| Ngamiland West      | 5,459          | 4,505              | 4,357         | 2,232           | 2,531         | 147            |
| Ngamiland East      | 6,632          | 3,191              | 2,939         | 3,847           | 4,839         | 984            |
| Chobe               | 1,206          | 823                | 705           | 666             | 521           | 15             |
| MAUN REGION         | 13,297         | 8,519              | 8,001         | 6,745           | 7,891         | 1,146          |
| Gantsi              | 2,332          | 314                | 264           | 1,931           | 1,354         | 255            |
| Hukuntsi            | 1,945          | 649                | 481           | 1,261           | 1,197         | 225            |
| Tsabong             | 2,455          | 345                | 42            | 1,475           | 1,904         | 725            |
| WESTERN REGION      | 6,732          | 1,308              | 787           | 4,667           | 4,455         | 1,205          |
| TOTAL TRADITIONAL   | 120,583        | 63,257             | 55,807        | 71,826          | 78,363        | 17,532         |

TABLE 3.1: NUMBER OF HOLDERS BY GENDER, DISTRICT AND REGION

| District/<br>Region | Male   |            | Female |            | Total<br>Number |
|---------------------|--------|------------|--------|------------|-----------------|
|                     | Number | Percentage | Number | Percentage |                 |
| Barolong            | 1,333  | 1.8        | 790    | 1.7        | 2,123           |
| Ngwaketse South     | 1,869  | 2.6        | 1,047  | 2.2        | 2,916           |
| Ngwaketse North     | 3,678  | 5.1        | 1,835  | 3.8        | 5,513           |
| Ngwaketse Central   | 3,037  | 4.2        | 1,442  | 3.0        | 4,479           |
| Ngwaketse West      | 2,567  | 3.5        | 1,194  | 2.5        | 3,761           |
| SOUTHERN REGION     | 12,484 | 17.1       | 6,308  | 13.2       | 18,792          |
| Bamalete/Tlokweng   | 2,158  | 3.0        | 1,128  | 2.4        | 3,286           |
| Kweneng South       | 5,558  | 7.6        | 2,718  | 5.7        | 8,276           |
| Kweneng North       | 2,890  | 4.0        | 1,395  | 2.9        | 4,285           |
| Kweneng West        | 2,483  | 3.4        | 1,565  | 3.3        | 4,048           |
| Kgatleng            | 3,680  | 5.1        | 2,422  | 5.1        | 6,102           |
| GABORONE REGION     | 16,769 | 23.0       | 9,228  | 19.3       | 25,997          |
| Mahalapye East      | 3,507  | 4.8        | 2,339  | 4.9        | 5,846           |
| Mahalapye West      | 3,718  | 5.1        | 2,867  | 6.0        | 6,585           |
| Palapye             | 2,810  | 3.9        | 2,509  | 5.3        | 5,319           |
| Serowe              | 4,527  | 6.2        | 3,547  | 7.4        | 8,074           |
| Bobonong            | 2,682  | 3.7        | 2,365  | 5.0        | 5,047           |
| Letlhakane          | 3,266  | 4.5        | 1,488  | 3.1        | 4,754           |
| Selebi-Phikwe       | 2,100  | 2.9        | 1,835  | 3.8        | 3,935           |
| CENTRAL REGION      | 22,610 | 31.1       | 16,950 | 35.5       | 39,560          |
| Tati                | 2,498  | 3.4        | 1,919  | 4.0        | 4,417           |
| Tutume              | 4,127  | 5.7        | 3,678  | 7.7        | 7,805           |
| Tonota              | 2,316  | 3.2        | 1,667  | 3.5        | 3,983           |
| FRANCISTOWN REGION  | 8,941  | 12.3       | 7,264  | 15.2       | 16,205          |
| Ngamiland West      | 2,714  | 3.7        | 2,745  | 5.7        | 5,459           |
| Ngamiland East      | 4,000  | 5.5        | 2,632  | 5.5        | 6,632           |
| Chobe               | 635    | 0.9        | 571    | 1.2        | 1,206           |
| MAUN REGION         | 7,349  | 10.1       | 5,948  | 12.5       | 13,297          |
| Gantsi              | 1,722  | 2.4        | 610    | 1.3        | 2,332           |
| Hukuntsi            | 1,386  | 1.9        | 559    | 1.2        | 1,945           |
| Tsabong             | 1,554  | 2.1        | 901    | 1.9        | 2,455           |
| WESTERN REGION      | 4,662  | 6.4        | 2,070  | 4.3        | 6,732           |
| TOTAL TRADITIONAL   | 72,815 | 100.0      | 47,768 | 100.0      | 120,583         |

TABLE 3.2: NUMBER OF HOLDERS BY MARITAL STATUS, DISTRICT AND REGION

| District/<br>Region | Married | Never Married | Divorced | Widowed | Separated | Living Together | Total<br>Number |
|---------------------|---------|---------------|----------|---------|-----------|-----------------|-----------------|
| Barolong            | 295     | 1,010         | 218      | 41      | 37        | 522             | 2,123           |
| Ngwaketse South     | 469     | 1,353         | 291      | 2       | 15        | 786             | 2,916           |
| Ngwaketse North     | 555     | 2,962         | 566      | 58      | 44        | 1,328           | 5,513           |
| Ngwaketse Central   | 858     | 2,204         | 420      | 39      | 38        | 920             | 4,479           |
| Ngwaketse West      | 593     | 1,362         | 1,058    | 26      | 39        | 683             | 3,761           |
| SOUTHERN REGION     | 2,770   | 8,891         | 2,553    | 166     | 173       | 4,239           | 18,792          |
| Bamalete/Tlokweng   | 389     | 1,971         | 134      | 36      | 51        | 705             | 3,286           |
| Kweneng South       | 816     | 4,578         | 593      | 77      | 90        | 2,122           | 8,276           |
| Kweneng North       | 542     | 2,314         | 492      | 23      | 59        | 855             | 4,285           |
| Kweneng West        | 426     | 2,063         | 811      | 40      | 31        | 677             | 4,048           |
| Kgatleng            | 1,025   | 2,808         | 593      | 89      | 49        | 1,538           | 6,102           |
| GABORONE REGION     | 3,198   | 13,734        | 2,623    | 265     | 280       | 5,897           | 25,997          |
| Mahalapye East      | 571     | 2,908         | 832      | 203     | 149       | 1,183           | 5,846           |
| Mahalapye West      | 1,504   | 2,763         | 693      | 118     | 110       | 1,397           | 6,585           |
| Palapye             | 1,158   | 2,516         | 336      | 22      | 173       | 1,114           | 5,319           |
| Serowe              | 1,679   | 3,917         | 717      | 60      | 173       | 1,528           | 8,074           |
| Bobonong            | 1,323   | 2,237         | 417      | 59      | 145       | 866             | 5,047           |
| Lethakane           | 732     | 2,137         | 980      | 48      | 182       | 675             | 4,754           |
| Selebi-Phikwe       | 572     | 1,713         | 580      | 108     | 122       | 840             | 3,935           |
| CENTRAL REGION      | 7,539   | 18,191        | 4,555    | 618     | 1,054     | 7,603           | 39,560          |
| Tati                | 660     | 1,960         | 366      | 44      | 11        | 1,376           | 4,417           |
| Tutume              | 1,357   | 3,696         | 379      | 53      | 281       | 2,039           | 7,805           |
| Tonota              | 761     | 1,983         | 299      | 11      | 105       | 824             | 3,983           |
| FRANCISTOWN REGION  | 2,778   | 7,639         | 1,044    | 108     | 397       | 4,239           | 16,205          |
| Ngamiland West      | 1,612   | 1,972         | 1,094    | 18      | 126       | 637             | 5,459           |
| Ngamiland East      | 1,723   | 2,365         | 1,425    | 72      | 148       | 899             | 6,632           |
| Chobe               | 236     | 458           | 209      | 12      | 39        | 252             | 1,206           |
| MAUN REGION         | 3,571   | 4,795         | 2,728    | 102     | 313       | 1,788           | 13,297          |
| Gantsi              | 520     | 1,015         | 522      | 1       | 44        | 230             | 2,332           |
| Hukuntsi            | 381     | 831           | 396      | 69      | 72        | 196             | 1,945           |
| Tsabong             | 648     | 1,045         | 374      | 1       | 25        | 362             | 2,455           |
| WESTERN REGION      | 1,549   | 2,891         | 1,292    | 71      | 141       | 788             | 6,732           |
| TOTAL TRADITIONAL   | 21,405  | 56,141        | 14,795   | 1,330   | 2,358     | 24,554          | 120,583         |

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

| District/<br>Region | Married | Never Married | Divorced | Widowed | Separated | Living Together | Total<br>Male Holders |
|---------------------|---------|---------------|----------|---------|-----------|-----------------|-----------------------|
| Barolong            | 101     | 953           | 155      | 16      | 13        | 95              | 1,333                 |
| Ngwaketse South     | 167     | 1,324         | 263      | 2       | 1         | 112             | 1,869                 |
| Ngwaketse North     | 155     | 2,883         | 422      | 22      | 5         | 191             | 3,678                 |
| Ngwaketse Central   | 457     | 2,068         | 298      | 33      | 8         | 173             | 3,037                 |
| Ngwaketse West      | 239     | 1,308         | 877      | 5       | 19        | 119             | 2,567                 |
| SOUTHERN REGION     | 1,119   | 8,536         | 2,015    | 78      | 46        | 690             | 12,484                |
| Bamalete/Tlokweng   | 111     | 1,836         | 72       | 13      | 36        | 90              | 2,158                 |
| Kweneng South       | 303     | 4,468         | 443      | 31      | 19        | 294             | 5,558                 |
| Kweneng North       | 163     | 2,187         | 390      | 9       | 32        | 109             | 2,890                 |
| Kweneng West        | 186     | 1,684         | 509      | 4       | 8         | 92              | 2,483                 |
| Kgatleng            | 289     | 2,638         | 378      | 64      | 12        | 299             | 3,680                 |
| GABORONE REGION     | 1,052   | 12,813        | 1,792    | 121     | 107       | 884             | 16,769                |
| Mahalapye East      | 131     | 2,682         | 268      | 91      | 71        | 264             | 3,507                 |
| Mahalapye West      | 357     | 2,539         | 459      | 51      | 59        | 253             | 3,718                 |
| Palapye             | 240     | 2,214         | 192      | 22      | 45        | 97              | 2,810                 |
| Serowe              | 338     | 3,385         | 508      | 39      | 62        | 195             | 4,527                 |
| Bobonong            | 265     | 2,007         | 242      | 7       | 51        | 110             | 2,682                 |
| Letlhakane          | 273     | 2,046         | 716      | 24      | 63        | 144             | 3,266                 |
| Selebi-Phikwe       | 61      | 1,555         | 334      | -       | 11        | 139             | 2,100                 |
| CENTRAL REGION      | 1,665   | 16,428        | 2,719    | 234     | 362       | 1,202           | 22,610                |
| Tati                | 155     | 1,896         | 246      | -       | 3         | 198             | 2,498                 |
| Tutume              | 177     | 3,417         | 221      | 28      | 41        | 243             | 4,127                 |
| Tonota              | 242     | 1,737         | 175      | 3       | 15        | 144             | 2,316                 |
| FRANCISTOWN REGION  | 574     | 7,050         | 642      | 31      | 59        | 585             | 8,941                 |
| Ngamiland West      | 354     | 1,742         | 526      | 14      | 15        | 63              | 2,714                 |
| Ngamiland East      | 671     | 2,159         | 883      | 15      | 76        | 196             | 4,000                 |
| Chobe               | 82      | 379           | 132      | 1       | 7         | 34              | 635                   |
| MAUN REGION         | 1,107   | 4,280         | 1,541    | 30      | 98        | 293             | 7,349                 |
| Gantsi              | 289     | 917           | 449      | 1       | 15        | 51              | 1,722                 |
| Hukuntsi            | 216     | 731           | 313      | 54      | 53        | 19              | 1,386                 |
| Tsabong             | 250     | 936           | 266      | -       | 18        | 84              | 1,554                 |
| WESTERN REGION      | 755     | 2,584         | 1,028    | 55      | 86        | 154             | 4,662                 |
| TOTAL TRADITIONAL   | 6,272   | 51,691        | 9,737    | 549     | 758       | 3,808           | 72,815                |

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

| District/<br>Region | Married | Never Married | Divorced | Widowed | Separated | Living Together | Total<br>Female Holders |
|---------------------|---------|---------------|----------|---------|-----------|-----------------|-------------------------|
| Barolong            | 194     | 57            | 63       | 25      | 24        | 427             | 790                     |
| Ngwaketse South     | 302     | 29            | 28       | -       | 14        | 674             | 1,047                   |
| Ngwaketse North     | 400     | 79            | 144      | 36      | 39        | 1,137           | 1,835                   |
| Ngwaketse Central   | 401     | 136           | 122      | 6       | 30        | 747             | 1,442                   |
| Ngwaketse West      | 354     | 54            | 181      | 21      | 20        | 564             | 1,194                   |
| SOUTHERN REGION     | 1,651   | 355           | 538      | 88      | 127       | 3,549           | 6,308                   |
| Bamalete/Tlokweng   | 278     | 135           | 62       | 23      | 15        | 615             | 1,128                   |
| Kweneng South       | 513     | 110           | 150      | 46      | 71        | 1,828           | 2,718                   |
| Kweneng North       | 379     | 127           | 102      | 14      | 27        | 746             | 1,395                   |
| Kweneng West        | 240     | 379           | 302      | 36      | 23        | 585             | 1,565                   |
| Kgatleng            | 736     | 170           | 215      | 25      | 37        | 1,239           | 2,422                   |
| GABORONE REGION     | 2,146   | 921           | 831      | 144     | 173       | 5,013           | 9,228                   |
| Mahalapye East      | 440     | 226           | 564      | 112     | 78        | 919             | 2,339                   |
| Mahalapye West      | 1,147   | 224           | 234      | 67      | 51        | 1,144           | 2,867                   |
| Palapye             | 918     | 302           | 144      | -       | 128       | 1,017           | 2,509                   |
| Serowe              | 1,341   | 532           | 209      | 21      | 111       | 1,333           | 3,547                   |
| Bobonong            | 1,058   | 230           | 175      | 52      | 94        | 756             | 2,365                   |
| Letlhakane          | 459     | 91            | 264      | 24      | 119       | 531             | 1,488                   |
| Selebi-Phikwe       | 511     | 158           | 246      | 108     | 111       | 701             | 1,835                   |
| CENTRAL REGION      | 5,874   | 1,763         | 1,836    | 384     | 692       | 6,401           | 16,950                  |
| Tati                | 505     | 64            | 120      | 44      | 8         | 1,178           | 1,919                   |
| Tutume              | 1,180   | 279           | 158      | 25      | 240       | 1,796           | 3,678                   |
| Tonota              | 519     | 246           | 124      | 8       | 90        | 680             | 1,667                   |
| FRANCISTOWN REGION  | 2,204   | 589           | 402      | 77      | 338       | 3,654           | 7,264                   |
| Ngamiland West      | 1,258   | 230           | 568      | 4       | 111       | 574             | 2,745                   |
| Ngamiland East      | 1,052   | 206           | 542      | 57      | 72        | 703             | 2,632                   |
| Chobe               | 154     | 79            | 77       | 11      | 32        | 218             | 571                     |
| MAUN REGION         | 2,464   | 515           | 1,187    | 72      | 215       | 1,495           | 5,948                   |
| Gantsi              | 231     | 98            | 73       | -       | 29        | 179             | 610                     |
| Hukuntsi            | 165     | 100           | 83       | 15      | 19        | 177             | 559                     |
| Tsabong             | 398     | 109           | 108      | 1       | 7         | 278             | 901                     |
| WESTERN REGION      | 794     | 307           | 264      | 16      | 55        | 634             | 2,070                   |
| TOTAL TRADITIONAL   | 15,133  | 4,450         | 5,058    | 781     | 1,600     | 20,746          | 47,768                  |

TABLE 3.5: NUMBER OF HOLDERS BY AGE GROUP, GENDER, DISTRICT AND REGION

| District/<br>Region | 12 - 14 |        | 15 - 19 |        | 20 - 24 |        | 25 - 29 |        | 30 - 34 |        | 35 - 39 |        |
|---------------------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
|                     | Male    | Female | Male    | Female | Male    | Female | Male    | Female | Male    | Female | Male    | Female |
| Barolong            | -       | -      | -       | -      | 8       | 4      | 10      | 8      | 29      | 28     | 85      | 43     |
| Ngwaketse South     | -       | -      | -       | -      | 10      | 10     | 9       | 10     | 95      | 28     | 94      | 25     |
| Ngwaketse North     | -       | -      | -       | -      | 5       | -      | 5       | 57     | 51      | 35     | 109     | 22     |
| Ngwaketse Central   | -       | -      | -       | -      | 21      | 3      | 36      | 61     | 80      | 2      | 106     | 113    |
| Ngwaketse West      | -       | -      | 3       | -      | 11      | 1      | 36      | 6      | 192     | 28     | 315     | 71     |
| SOUTHERN REGION     | -       | -      | 3       | -      | 55      | 18     | 96      | 142    | 447     | 121    | 709     | 274    |
| Bamalete/Tlokweneng | -       | -      | -       | -      | 9       | 2      | 9       | 8      | 34      | 4      | 41      | 35     |
| Kweneng South       | -       | -      | 32      | -      | 57      | -      | 68      | 61     | 155     | 3      | 105     | 113    |
| Kweneng North       | -       | -      | -       | -      | -       | -      | 48      | 9      | 81      | 39     | 181     | 75     |
| Kweneng West        | -       | -      | -       | -      | 9       | 7      | 53      | 46     | 122     | 61     | 208     | 132    |
| Kgatleng            | -       | -      | -       | -      | 14      | -      | 12      | 11     | 111     | 25     | 153     | 51     |
| GABORONE REGION     | -       | -      | 32      | -      | 89      | 9      | 190     | 135    | 503     | 132    | 688     | 406    |
| Mahalapye East      | -       | -      | 2       | -      | 1       | -      | 6       | 16     | 51      | 63     | 121     | 149    |
| Mahalapye West      | -       | -      | 8       | -      | 1       | -      | 59      | 117    | 158     | 94     | 175     | 171    |
| Palapye             | -       | -      | -       | -      | 1       | 3      | 71      | 13     | 117     | 30     | 161     | 78     |
| Serowe              | 2       | -      | 4       | -      | 34      | 28     | 101     | 86     | 140     | 105    | 235     | 305    |
| Bobonong            | -       | -      | -       | -      | -       | -      | 19      | 48     | 180     | 85     | 213     | 209    |
| Lethakane           | -       | -      | -       | 45     | 54      | 66     | 185     | 34     | 152     | 53     | 249     | 172    |
| Selebi-Phikwe       | -       | -      | -       | -      | 13      | 16     | 33      | 17     | 53      | 57     | 68      | 148    |
| CENTRAL REGION      | 2       | -      | 14      | 45     | 104     | 113    | 474     | 331    | 851     | 487    | 1222    | 1232   |
| Tati                | -       | -      | 18      | -      | -       | 19     | 46      | 35     | 166     | 43     | 110     | 79     |
| Tutume              | -       | -      | -       | -      | 18      | 4      | 171     | 65     | 130     | 146    | 223     | 125    |
| Tonota              | -       | -      | -       | 9      | 18      | 3      | 30      | 44     | 95      | 84     | 139     | 83     |
| FRANCISTOWN REGION  | -       | -      | 18      | 9      | 36      | 26     | 247     | 144    | 391     | 273    | 472     | 287    |
| Ngamiland West      | -       | -      | -       | 16     | 68      | 193    | 151     | 303    | 239     | 249    | 259     | 299    |
| Ngamiland East      | -       | -      | 4       | 7      | 51      | 26     | 157     | 121    | 291     | 179    | 342     | 266    |
| Chobe               | -       | -      | -       | -      | 13      | 7      | 39      | 11     | 39      | 44     | 65      | 79     |
| MAUN REGION         | -       | -      | 4       | 23     | 132     | 226    | 347     | 435    | 569     | 472    | 666     | 644    |
| Gantsi              | -       | -      | -       | -      | 31      | 15     | 70      | 8      | 160     | 51     | 171     | 86     |
| Hukuntsi            | -       | -      | -       | -      | 38      | -      | 43      | 34     | 48      | 58     | 47      | 94     |
| Tsabong             | -       | -      | -       | -      | 28      | 2      | 42      | 25     | 132     | 97     | 115     | 86     |
| WESTERN REGION      | -       | -      | -       | -      | 97      | 17     | 155     | 67     | 340     | 206    | 333     | 266    |
| TOTAL TRADITIONAL   | 2       | -      | 71      | 77     | 513     | 409    | 1,509   | 1,254  | 3,101   | 1,691  | 4,090   | 3,109  |



TABLE 3.5: NUMBER OF HOLDERS BY AGE GROUP, GENDER, DISTRICT AND REGION(Contd.)

| District/<br>Region | 40 - 49 |        | 50 - 59 |        | 60 - 64 |        | 65 +   |        | Not Stated |        | Total<br>Number |
|---------------------|---------|--------|---------|--------|---------|--------|--------|--------|------------|--------|-----------------|
|                     | Male    | Female | Male    | Female | Male    | Female | Male   | Female | Male       | Female |                 |
| Barolong            | 298     | 130    | 322     | 174    | 153     | 119    | 428    | 284    | -          | -      | 2123            |
| Ngwaketse South     | 350     | 113    | 453     | 250    | 238     | 155    | 616    | 456    | 4          | -      | 2916            |
| Ngwaketse North     | 607     | 333    | 1078    | 341    | 488     | 215    | 1300   | 827    | 35         | 5      | 5513            |
| Ngwaketse Central   | 576     | 203    | 632     | 218    | 331     | 240    | 1237   | 596    | 18         | 6      | 4479            |
| Ngwaketse West      | 390     | 196    | 594     | 290    | 361     | 97     | 647    | 497    | 18         | 8      | 3761            |
| SOUTHERN REGION     | 2221    | 975    | 3079    | 1273   | 1571    | 826    | 4228   | 2660   | 75         | 19     | 18792           |
| Bamalete/Tlokweneng | 368     | 160    | 670     | 190    | 271     | 164    | 756    | 565    | -          | -      | 3286            |
| Kweneng South       | 916     | 299    | 1682    | 603    | 758     | 419    | 1785   | 1220   | -          | -      | 8276            |
| Kweneng North       | 492     | 228    | 765     | 319    | 375     | 170    | 948    | 555    | -          | -      | 4285            |
| Kweneng West        | 591     | 444    | 573     | 335    | 388     | 174    | 534    | 366    | 5          | -      | 4048            |
| Kgatleng            | 658     | 374    | 1068    | 581    | 323     | 323    | 1328   | 1057   | 13         | -      | 6102            |
| GABORONE REGION     | 3025    | 1505   | 4758    | 2028   | 2115    | 1250   | 5351   | 3763   | 18         | -      | 25997           |
| Mahalapye East      | 632     | 508    | 963     | 586    | 455     | 286    | 1271   | 714    | 5          | 17     | 5846            |
| Mahalapye West      | 631     | 586    | 908     | 594    | 487     | 291    | 1247   | 1014   | 44         | -      | 6585            |
| Palapye             | 614     | 703    | 707     | 690    | 275     | 231    | 862    | 758    | 2          | 3      | 5319            |
| Serowe              | 824     | 616    | 1292    | 761    | 387     | 301    | 1450   | 1292   | 58         | 53     | 8074            |
| Bobonong            | 516     | 762    | 683     | 470    | 293     | 170    | 650    | 565    | 128        | 56     | 5047            |
| Letlhakane          | 758     | 435    | 737     | 289    | 265     | 79     | 789    | 299    | 77         | 16     | 4754            |
| Selebi-Phikwe       | 402     | 513    | 458     | 309    | 230     | 238    | 752    | 487    | 91         | 50     | 3935            |
| CENTRAL REGION      | 4377    | 4123   | 5748    | 3699   | 2392    | 1596   | 7021   | 5129   | 405        | 195    | 39560           |
| Tati                | 545     | 337    | 583     | 505    | 243     | 120    | 769    | 756    | 18         | 25     | 4417            |
| Tutume              | 785     | 725    | 941     | 876    | 532     | 385    | 1323   | 1335   | 4          | 17     | 7805            |
| Tonota              | 503     | 361    | 598     | 404    | 236     | 193    | 622    | 461    | 75         | 25     | 3983            |
| FRANCISTOWN REGION  | 1833    | 1423   | 2122    | 1785   | 1011    | 698    | 2714   | 2552   | 97         | 67     | 16205           |
| Ngamiland West      | 590     | 593    | 451     | 324    | 247     | 125    | 709    | 608    | -          | 35     | 5459            |
| Ngamiland East      | 913     | 620    | 820     | 475    | 338     | 240    | 1030   | 680    | 54         | 18     | 6632            |
| Chobe               | 129     | 144    | 128     | 113    | 63      | 48     | 153    | 123    | 6          | 2      | 1206            |
| MAUN REGION         | 1632    | 1357   | 1399    | 912    | 648     | 413    | 1892   | 1411   | 60         | 55     | 13297           |
| Gantsi              | 410     | 100    | 266     | 100    | 125     | 39     | 489    | 210    | -          | 1      | 2332            |
| Hukuntsi            | 289     | 21     | 421     | 63     | 201     | 94     | 282    | 174    | 17         | 21     | 1945            |
| Tsabong             | 469     | 195    | 379     | 216    | 161     | 39     | 207    | 240    | 21         | 1      | 2455            |
| WESTERN REGION      | 1168    | 316    | 1066    | 379    | 487     | 172    | 978    | 624    | 38         | 23     | 6732            |
| TOTAL TRADITIONAL   | 14,256  | 9,699  | 18,172  | 10,076 | 8,224   | 4,955  | 22,184 | 16,139 | 693        | 359    | 120,583         |

TABLE 3.6: PERSONS LIVING IN HOLDERS DWELLING UNIT BY AGE GROUP, DISTRICT AND REGION

| District/<br>Region | Under<br>6 Years | 06-09<br>Years | 10-14<br>Years | 15-19<br>Years | 20-24<br>Years | 25-29<br>Years | 30-34<br>Years | 35-39<br>Years | 40-49<br>Years | 50-59<br>Years | 60-64<br>Years | 65+<br>Years | Not<br>stated | Total<br>Number |
|---------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|---------------|-----------------|
| Barolong            | 1,625            | 1,175          | 1,737          | 1,081          | 993            | 604            | 657            | 432            | 898            | 750            | 375            | 919          | 2             | 11,248          |
| Ngwaketse South     | 1,917            | 1,123          | 1,867          | 1,131          | 939            | 638            | 639            | 421            | 969            | 1031           | 449            | 1300         | 3             | 12,427          |
| Ngwaketse North     | 2,759            | 2,280          | 3,030          | 2,848          | 1,810          | 1,250          | 913            | 816            | 1849           | 1600           | 688            | 2052         | 70            | 21,965          |
| Ngwaketse Central   | 2,589            | 1,827          | 2,385          | 1,844          | 1,349          | 1,336          | 939            | 736            | 1118           | 1188           | 503            | 1875         | 84            | 17,773          |
| Ngwaketse West      | 2,039            | 1,395          | 2,056          | 1,001          | 1,239          | 779            | 906            | 543            | 1159           | 1085           | 500            | 1164         | 7             | 13,873          |
| SOUTHERN REGION     | 10,929           | 7,800          | 11,075         | 7,905          | 6,330          | 4,607          | 4054           | 2948           | 5993           | 5654           | 2515           | 7310         | 166           | 77,286          |
| Bamalete/Tlokweneng | 1,802            | 1,174          | 1,748          | 2,117          | 1,851          | 1,468          | 913            | 860            | 1414           | 1123           | 558            | 1383         | 0             | 16,411          |
| Kweneng South       | 5,503            | 4,411          | 5,799          | 5,206          | 5,097          | 3,011          | 2065           | 1900           | 2991           | 2689           | 1081           | 3050         | 0             | 42,803          |
| Kweneng North       | 3,292            | 1,803          | 2,343          | 1,802          | 1,965          | 1,364          | 879            | 860            | 1658           | 1250           | 571            | 1548         | 17            | 19,352          |
| Kweneng West        | 3,243            | 1,990          | 2,288          | 1,796          | 1,348          | 1,184          | 1050           | 782            | 1345           | 949            | 559            | 1108         | 22            | 17,664          |
| Kgatlang            | 2,969            | 2,091          | 2,982          | 2,807          | 2,563          | 1,909          | 1278           | 1049           | 1876           | 1953           | 618            | 2111         | 30            | 24,236          |
| GABORONE REGION     | 16,809           | 11,469         | 15,160         | 13,728         | 12,824         | 8,936          | 6185           | 5451           | 9284           | 7964           | 3387           | 9200         | 69            | 120,466         |
| Mahalapye East      | 4,507            | 2,628          | 3,591          | 2,466          | 1,595          | 1,271          | 1110           | 959            | 1897           | 1769           | 912            | 2445         | 5             | 25,155          |
| Mahalapye West      | 5,319            | 3,614          | 4,601          | 3,567          | 3,601          | 2,019          | 1776           | 1212           | 2951           | 2179           | 956            | 2501         | 76            | 34,372          |
| Palapye             | 4,210            | 2,597          | 3,727          | 2,763          | 2,111          | 1,443          | 984            | 1046           | 2043           | 1877           | 651            | 2003         | 45            | 25,500          |
| Serowe              | 5,367            | 4,164          | 5,108          | 4,591          | 3,312          | 2,506          | 2198           | 1659           | 2673           | 2180           | 803            | 2929         | 130           | 37,620          |
| Bobonong            | 4,257            | 2,776          | 3,381          | 2,521          | 2,008          | 1,432          | 1087           | 844            | 2010           | 1291           | 510            | 1486         | 273           | 23,876          |
| Letlhakane          | 3,978            | 3,121          | 3,797          | 3,020          | 2,214          | 1,476          | 1168           | 986            | 1782           | 1215           | 387            | 1684         | 20            | 24,848          |
| Selebi-Phikwe       | 2,777            | 1,844          | 2,491          | 1,601          | 1,291          | 927            | 831            | 629            | 1437           | 849            | 466            | 1310         | 130           | 16,583          |
| CENTRAL REGION      | 30,415           | 20,744         | 26,696         | 20,529         | 16,132         | 11,074         | 9154           | 7335           | 14793          | 11360          | 4685           | 14358        | 679           | 187,954         |
| Tati                | 3,824            | 2,312          | 3,376          | 2,402          | 1,767          | 1,071          | 846            | 609            | 1570           | 1366           | 472            | 1991         | 0             | 21,606          |
| Tutume              | 6,286            | 3,981          | 6,588          | 4,172          | 2,928          | 1,828          | 1335           | 1234           | 2699           | 2310           | 1027           | 3582         | 56            | 38,026          |
| Tonota              | 3,162            | 2,128          | 2,736          | 2,002          | 1,874          | 1,362          | 821            | 692            | 1395           | 1163           | 454            | 1359         | 85            | 19,233          |
| FRANCISTOWN REGION  | 13,272           | 8,421          | 12,700         | 8,576          | 6,569          | 4,261          | 3002           | 2535           | 5664           | 4839           | 1953           | 6932         | 141           | 78,865          |
| Ngamiland West      | 3,998            | 2,843          | 3,564          | 2,319          | 2,320          | 1,490          | 1233           | 973            | 1754           | 1060           | 435            | 1621         | 87            | 23,697          |
| Ngamiland East      | 4,826            | 3,241          | 4,235          | 3,737          | 3,677          | 2,434          | 1748           | 1417           | 2457           | 1567           | 698            | 2243         | 122           | 32,402          |
| Chobe               | 872              | 680            | 878            | 413            | 567            | 413            | 230            | 255            | 416            | 343            | 181            | 367          | 21            | 5,636           |
| MAUN REGION         | 9,696            | 6,764          | 8,677          | 6,469          | 6,564          | 4,337          | 3211           | 2645           | 4627           | 2970           | 1314           | 4231         | 230           | 61,735          |
| Gantsi              | 1,423            | 945            | 1,514          | 900            | 916            | 526            | 663            | 430            | 766            | 539            | 186            | 908          | 0             | 9,716           |
| Hukuntsi            | 1,065            | 789            | 1,168          | 861            | 832            | 578            | 489            | 196            | 551            | 700            | 241            | 598          | 4             | 8,072           |
| Tsabong             | 1,647            | 1,089          | 1,373          | 1,063          | 1,086          | 789            | 649            | 569            | 992            | 802            | 246            | 572          | 111           | 10,988          |
| WESTERN REGION      | 4,135            | 2,823          | 4,055          | 2,824          | 2,834          | 1,893          | 1801           | 1195           | 2309           | 2041           | 673            | 2078         | 115           | 28,776          |
| TOTAL TRADITIONAL   | 85,256           | 58,021         | 78,363         | 60,031         | 51,253         | 35,108         | 27,407         | 22,109         | 42,670         | 34,828         | 14,527         | 44,109       | 1,400         | 555,082         |

TABLE 3.7: PERSONS AGED 10 YEARS AND OVER BY EDUCATION ATTAINMENT, GENDER, DISTRICT AND REGION

| District/<br>Region | Primary |        | Secondary |        | Non Formal |        | Never Attended |        | Total      |
|---------------------|---------|--------|-----------|--------|------------|--------|----------------|--------|------------|
|                     | Male    | Female | Male      | Female | Male       | Female | Male           | Female | Population |
| Barolong            | 2,004   | 2,141  | 1,156     | 1,379  | 22         | 49     | 1615           | 1308   | 9,674      |
| Ngwaketse South     | 1,899   | 2,508  | 1,112     | 1,355  | 8          | 57     | 2175           | 1756   | 10,870     |
| Ngwaketse North     | 2,961   | 3,725  | 2,346     | 3,252  | 84         | 222    | 3804           | 2777   | 19,171     |
| Ngwaketse Central   | 2,093   | 2,438  | 1,941     | 2,781  | 142        | 364    | 3238           | 2865   | 15,862     |
| Ngwaketse West      | 1,709   | 2,323  | 921       | 1,407  | 69         | 75     | 2910           | 2964   | 12,378     |
| SOUTHERN REGION     | 10,666  | 13,135 | 7,476     | 10,174 | 325        | 767    | 13742          | 11670  | 67,955     |
| Bamalete/Tlokweneng | 1,894   | 2,569  | 2,823     | 3,597  | 16         | 27     | 1886           | 1634   | 14,446     |
| Kweneng South       | 5,369   | 6,783  | 5,998     | 7,588  | 7          | 10     | 6598           | 4893   | 37,246     |
| Kweneng North       | 2,795   | 2,929  | 1,711     | 2,168  | 20         | 42     | 4123           | 3095   | 16,883     |
| Kweneng West        | 2,223   | 2,446  | 1,310     | 1,598  | 18         | 53     | 3657           | 3743   | 15,048     |
| Kgatleng            | 3,100   | 4,562  | 3,283     | 4,557  | 17         | 97     | 3439           | 2399   | 21,454     |
| GABORONE REGION     | 15,381  | 19,289 | 15,125    | 19,508 | 78         | 229    | 19703          | 15764  | 105,077    |
| Mahalapye East      | 3,649   | 4,236  | 2,212     | 2,577  | 101        | 317    | 4453           | 4269   | 21,814     |
| Mahalapye West      | 4,666   | 6,163  | 3,618     | 5,879  | 24         | 68     | 4644           | 4525   | 29,587     |
| Palapye             | 3,812   | 4,689  | 2,773     | 3,876  | 64         | 228    | 3294           | 3235   | 21,971     |
| Serowe              | 5,355   | 6,626  | 4,335     | 5,829  | 41         | 128    | 5127           | 4510   | 31,951     |
| Bobonong            | 3,470   | 3,657  | 2,412     | 3,616  | 39         | 82     | 3025           | 3725   | 20,026     |
| Letlhakane          | 3,787   | 3,679  | 2,116     | 3,206  | 131        | 200    | 3732           | 4061   | 20,912     |
| Selebi-Phikwe       | 2,845   | 3,250  | 1,565     | 2,064  | 49         | 75     | 2055           | 2255   | 14,158     |
| CENTRAL REGION      | 27,584  | 32,300 | 19,031    | 27,047 | 449        | 1,098  | 26330          | 26580  | 160,419    |
| Tati                | 3,442   | 4,249  | 2,543     | 3,111  | 17         | 1      | 2114           | 2639   | 18,116     |
| Tutume              | 5,811   | 7,494  | 3,494     | 5,018  | 64         | 110    | 4825           | 5671   | 32,487     |
| Tonota              | 3,035   | 3,579  | 2,292     | 2,735  | 20         | 53     | 2264           | 2736   | 16,714     |
| FRANCISTOWN REGION  | 12,288  | 15,322 | 8,329     | 10,864 | 101        | 164    | 9203           | 11046  | 67,317     |
| Ngamiland West      | 2,934   | 4,394  | 1,333     | 2,217  | 50         | 57     | 3931           | 5473   | 20,389     |
| Ngamiland East      | 5,023   | 5,056  | 4,109     | 5,183  | 98         | 132    | 3907           | 4670   | 28,178     |
| Chobe               | 900     | 886    | 606       | 761    | 72         | 96     | 588            | 787    | 4,696      |
| MAUN REGION         | 8,857   | 10,336 | 6,048     | 8,161  | 220        | 285    | 8426           | 10930  | 53,263     |
| Gantsi              | 1,813   | 1,482  | 955       | 1,016  | 2          | 3      | 1552           | 1505   | 8,328      |
| Hukuntsi            | 1,150   | 1,447  | 922       | 1,127  | 36         | 37     | 1001           | 993    | 6,713      |
| Tsabong             | 1,811   | 1,860  | 1,107     | 1,301  | 96         | 101    | 1514           | 1696   | 9,486      |
| WESTERN REGION      | 4,774   | 4,789  | 2,984     | 3,444  | 134        | 141    | 4067           | 4194   | 24,527     |
| TOTAL TRADITIONAL   | 79,550  | 95,171 | 58,993    | 79,198 | 1,307      | 2,684  | 81,471         | 80,184 | 478,558    |

TABLE 3.8: PERSONS AGED 10 YEARS AND OVER, EDUCATION ATTAINMENT, GENDER AND AGE GROUP

| Age Group         | Primary |        | Secondary |        | Non Formal |        | Never Attended |        | Total<br>Population |
|-------------------|---------|--------|-----------|--------|------------|--------|----------------|--------|---------------------|
|                   | Male    | Female | Male      | Female | Male       | Female | Male           | Female |                     |
| 10 - 14           | 36,070  | 35,718 | 1,990     | 2,902  | 1          | 2      | 1007           | 524    | 78,214              |
| 15 - 19           | 8,832   | 5,756  | 20,503    | 22,881 | 11         | 37     | 1340           | 590    | 59,950              |
| 20 - 24           | 4,538   | 3,650  | 16,955    | 22,847 | 21         | 46     | 1853           | 1314   | 51,224              |
| 25 - 29           | 4,421   | 4,029  | 9,155     | 14,061 | 27         | 5      | 2178           | 1179   | 35,055              |
| 30 - 34           | 4,542   | 5,984  | 4,553     | 7,813  | 61         | 94     | 2618           | 1702   | 27,367              |
| 35 - 39           | 3,745   | 6,750  | 2,027     | 3,574  | 43         | 93     | 2768           | 3061   | 22,061              |
| 40 - 44           | 3,127   | 6,322  | 1,184     | 2,372  | 92         | 190    | 4151           | 4822   | 22,260              |
| 45 - 49           | 2,909   | 6,328  | 725       | 1,136  | 142        | 243    | 3796           | 4957   | 20,236              |
| 50 - 54           | 2,793   | 5,227  | 758       | 729    | 101        | 374    | 4202           | 4254   | 18,438              |
| 55 - 59           | 2,466   | 4,264  | 386       | 279    | 207        | 400    | 4025           | 4194   | 16,221              |
| 60 - 64           | 1,616   | 3,119  | 281       | 234    | 195        | 341    | 4463           | 4177   | 14,426              |
| 65 +              | 4,265   | 7,884  | 426       | 325    | 399        | 859    | 13548          | 15947  | 43,653              |
| Not Stated        | 226     | 140    | 50        | 45     | 7          | -      | 35522          | 33463  | 69,453              |
| Total Traditional | 79,550  | 95,171 | 58,993    | 79,198 | 1,307      | 2,684  | 81,471         | 80,184 | 478,558             |

TABLE 3.9: NUMMBER OF HOLDERS BY TYPE OF HOLDING OPERATION, DISTRICT AND REGION

| District/<br>Region | An individual<br>living on site | An individual<br>living elsewhere | Households with two or<br>more persons<br>living on site | Households with two or<br>more persons<br>living elsewhere | Other | Total<br>Holders |
|---------------------|---------------------------------|-----------------------------------|----------------------------------------------------------|------------------------------------------------------------|-------|------------------|
| Barolong            | 1,603                           | 233                               | 287                                                      | -                                                          | -     | 2,123            |
| Ngwaketse South     | 2,374                           | 542                               | -                                                        | -                                                          | -     | 2,916            |
| Ngwaketse North     | 4,059                           | 1,452                             | -                                                        | -                                                          | 2     | 5,513            |
| Ngwaketse Central   | 3,656                           | 773                               | 50                                                       | -                                                          | -     | 4,479            |
| Ngwaketse West      | 2,536                           | 1,224                             | 1                                                        | -                                                          | -     | 3,761            |
| SOUTHERN REGION     | 14,228                          | 4,224                             | 338                                                      | -                                                          | 2     | 18,792           |
| Bamalete/Tlokweng   | 2,439                           | 692                               | 150                                                      | 5                                                          | -     | 3,286            |
| Kweneng South       | 6,821                           | 1,332                             | 119                                                      | 4                                                          | -     | 8,276            |
| Kweneng North       | 3,498                           | 728                               | 41                                                       | 18                                                         | -     | 4,285            |
| Kweneng West        | 2,800                           | 1,153                             | 93                                                       | 2                                                          | -     | 4,048            |
| Kgatleng            | 4,943                           | 1,139                             | -                                                        | 20                                                         | -     | 6,102            |
| GABORONE REGION     | 20,501                          | 5,044                             | 403                                                      | 49                                                         | -     | 25,997           |
| Mahalapye East      | 4,546                           | 1,299                             | 1                                                        | -                                                          | -     | 5,846            |
| Mahalapye West      | 5,365                           | 960                               | 112                                                      | 148                                                        | -     | 6,585            |
| Palapye             | 3,254                           | 677                               | 1,330                                                    | 58                                                         | -     | 5,319            |
| Serowe              | 6,260                           | 1,671                             | 52                                                       | 91                                                         | -     | 8,074            |
| Bobonong            | 3,840                           | 869                               | 276                                                      | 60                                                         | 2     | 5,047            |
| Letlhakane          | 2,847                           | 1,508                             | 331                                                      | 68                                                         | -     | 4,754            |
| Selebi-Phikwe       | 2,865                           | 1,003                             | 63                                                       | 4                                                          | -     | 3,935            |
| CENTRAL REGION      | 28,977                          | 7,987                             | 2,165                                                    | 429                                                        | 2     | 39,560           |
| Tati                | 3,425                           | 955                               | 37                                                       | -                                                          | -     | 4,417            |
| Tutume              | 6,165                           | 1,636                             | 2                                                        | 2                                                          | -     | 7,805            |
| Tonota              | 2,961                           | 1,021                             | 1                                                        | -                                                          | -     | 3,983            |
| FRANCISTOWN REGION  | 12,551                          | 3,612                             | 40                                                       | 2                                                          | -     | 16,205           |
| Ngamiland West      | 4,990                           | 434                               | 35                                                       | -                                                          | -     | 5,459            |
| Ngamiland East      | 5,267                           | 1,324                             | 37                                                       | 4                                                          | -     | 6,632            |
| Chobe               | 874                             | 76                                | 206                                                      | 48                                                         | 2     | 1,206            |
| MAUN REGION         | 11,131                          | 1,834                             | 278                                                      | 52                                                         | 2     | 13,297           |
| Gantsi              | 1,932                           | 400                               | -                                                        | -                                                          | -     | 2,332            |
| Hukuntsi            | 1,583                           | 362                               | -                                                        | -                                                          | -     | 1,945            |
| Tsabong             | 2,149                           | 306                               | -                                                        | -                                                          | -     | 2,455            |
| WESTERN REGION      | 5,664                           | 1,068                             | -                                                        | -                                                          | -     | 6,732            |
| TOTAL TRADITIONAL   | 93,052                          | 23,769                            | 3,224                                                    | 532                                                        | 6     | 120,583          |

TABLE 3.10: NUMBER OF HOLDINGS BY OTHER ECONOMIC ACTIVITIES, DISTRICT AND REGION

| District/<br>Region | Transport<br>Services | Ploughing<br>Services | Hunting/<br>Trapping | Game/<br>Wildlife | Fishing | Tree<br>Planting | Timber<br>Harvest | Trading Store/<br>Shop/Vendor | Selling Veld<br>Products | Selling<br>Traditional Beer | Craftwork |
|---------------------|-----------------------|-----------------------|----------------------|-------------------|---------|------------------|-------------------|-------------------------------|--------------------------|-----------------------------|-----------|
| Barolong            | 9                     | 2                     | -                    | -                 | -       | -                | 2                 | 191                           | 4                        | 197                         | 22        |
| Ngwaketse South     | 3                     | -                     | -                    | -                 | -       | -                | 4                 | 187                           | -                        | 42                          | 5         |
| Ngwaketse North     | 76                    | 12                    | -                    | -                 | -       | -                | 3                 | 255                           | 12                       | 199                         | 45        |
| Ngwaketse Central   | 8                     | 7                     | -                    | -                 | -       | -                | -                 | 206                           | 5                        | 235                         | 11        |
| Ngwaketse West      | 46                    | 56                    | -                    | -                 | -       | -                | 23                | 356                           | 29                       | 434                         | 4         |
| SOUTHERN REGION     | 142                   | 77                    | -                    | -                 | -       | -                | 32                | 1195                          | 50                       | 1107                        | 87        |
| Bamalete/Tlokweng   | 30                    | 51                    | -                    | -                 | -       | -                | 3                 | 103                           | 10                       | 224                         | -         |
| Kweneng South       | 56                    | 6                     | -                    | -                 | -       | -                | 6                 | 322                           | 24                       | 544                         | 37        |
| Kweneng North       | 18                    | 11                    | -                    | -                 | -       | -                | 1                 | 292                           | 7                        | 171                         | 28        |
| Kweneng West        | 38                    | 4                     | -                    | -                 | -       | -                | 2                 | 223                           | 13                       | 222                         | 4         |
| Kgatleng            | 65                    | 91                    | -                    | 3                 | -       | 6                | -                 | 486                           | -                        | 273                         | 119       |
| GABORONE REGION     | 207                   | 163                   | -                    | 3                 | -       | 6                | 12                | 1426                          | 54                       | 1434                        | 188       |
| Mahalapye East      | 15                    | 4                     | 21                   | -                 | -       | 1                | 18                | 245                           | 27                       | 765                         | 32        |
| Mahalapye West      | 93                    | 67                    | -                    | -                 | -       | 6                | 37                | 440                           | 46                       | 898                         | 16        |
| Palapye             | 10                    | 42                    | 30                   | -                 | 1       | -                | 3                 | 338                           | 108                      | 598                         | 49        |
| Serowe              | 65                    | 55                    | -                    | -                 | -       | -                | -                 | 208                           | 134                      | 1143                        | 53        |
| Bobonong            | 2                     | 70                    | -                    | -                 | -       | -                | -                 | 301                           | 22                       | 311                         | 26        |
| Lethakane           | 56                    | 111                   | -                    | -                 | -       | -                | 22                | 345                           | 58                       | 206                         | 46        |
| Selebi-Phikwe       | 4                     | 22                    | 12                   | -                 | -       | -                | -                 | 219                           | 26                       | 357                         | 27        |
| CENTRAL REGION      | 245                   | 371                   | 63                   | -                 | 1       | 7                | 80                | 2096                          | 421                      | 4278                        | 249       |
| Tati                | 21                    | 59                    | -                    | -                 | -       | -                | 44                | 478                           | -                        | 231                         | 41        |
| Tutume              | 5                     | 5                     | -                    | -                 | -       | 2                | -                 | 403                           | 23                       | 308                         | 39        |
| Tonota              | 11                    | 30                    | -                    | -                 | -       | -                | 15                | 345                           | 2                        | 181                         | 2         |
| FRANCISTOWN REGION  | 37                    | 94                    | -                    | -                 | -       | 2                | 59                | 1226                          | 25                       | 720                         | 82        |
| Ngamiland West      | 2                     | -                     | -                    | -                 | 96      | -                | 43                | 243                           | 19                       | 372                         | 451       |
| Ngamiland East      | 48                    | 8                     | 4                    | -                 | 11      | -                | 26                | 337                           | 47                       | 220                         | 61        |
| Chobe               | 17                    | 21                    | 3                    | -                 | 10      | 3                | 11                | 97                            | 24                       | 118                         | 10        |
| MAUN REGION         | 67                    | 29                    | 7                    | -                 | 117     | 3                | 80                | 677                           | 90                       | 710                         | 522       |
| Gantsi              | 1                     | 1                     | -                    | -                 | -       | -                | -                 | 111                           | -                        | 49                          | 17        |
| Hukuntsi            | 14                    | -                     | -                    | -                 | -       | -                | -                 | 176                           | -                        | 41                          | -         |
| Tsabong             | 4                     | -                     | -                    | -                 | -       | -                | -                 | 185                           | -                        | 35                          | -         |
| WESTERN REGION      | 19                    | 1                     | -                    | -                 | -       | -                | -                 | 472                           | -                        | 125                         | 17        |
| TOTAL TRADITIONAL   | 717                   | 735                   | 70                   | 3                 | 118     | 18               | 263               | 7,092                         | 640                      | 8,374                       | 1,145     |

TABLE 3.10: NUMBER OF HOLDINGS BY OTHER ECONOMIC ACTIVITIES, DISTRICT AND REGION ( continued)

| District/<br>Region | Selling<br>Livestock | Selling Crop<br>Produce | Piggery | Bee<br>Keeping | Dairy<br>Produce | Ostrich<br>Farming | Horticulture | Sorghum/Maize<br>Processing | Fruits/Vegetable<br>Processing | Hides & Skin<br>Processing | Other<br>Activities |
|---------------------|----------------------|-------------------------|---------|----------------|------------------|--------------------|--------------|-----------------------------|--------------------------------|----------------------------|---------------------|
| Barolong            | 12                   | 26                      | -       | -              | 6                | 3                  | 3            | 1                           | 7                              | 3                          | 130                 |
| Ngwaketse South     | 42                   | 11                      | -       | -              | 1                | 3                  | 1            | -                           | -                              | -                          | 193                 |
| Ngwaketse North     | 19                   | 7                       | -       | -              | 2                | -                  | -            | -                           | -                              | -                          | 1299                |
| Ngwaketse Central   | 6                    | 6                       | -       | -              | -                | -                  | 18           | 3                           | 7                              | -                          | 563                 |
| Ngwaketse West      | 608                  | 19                      | 3       | 2              | 4                | -                  | -            | -                           | 7                              | 4                          | 342                 |
| SOUTHERN REGION     | 687                  | 69                      | 3       | 2              | 13               | 6                  | 22           | 4                           | 21                             | 7                          | 2527                |
| Bamalete/Tlokwen    | 7                    | 16                      | 3       | -              | 7                | -                  | 3            | 5                           | 12                             | -                          | 498                 |
| Kweneng South       | 47                   | 65                      | -       | -              | 20               | -                  | 3            | -                           | -                              | -                          | 478                 |
| Kweneng North       | 77                   | 32                      | -       | -              | 9                | -                  | 6            | 5                           | -                              | 6                          | 346                 |
| Kweneng West        | 299                  | 50                      | -       | -              | 1                | 4                  | -            | -                           | -                              | -                          | 525                 |
| Kgatleng            | 860                  | 236                     | 1       | -              | 4                | -                  | 7            | -                           | 33                             | -                          | 793                 |
| GABORONE REGION     | 1290                 | 399                     | 4       | -              | 41               | 4                  | 19           | 10                          | 45                             | 6                          | 2640                |
| Mahalapye East      | 855                  | 301                     | 8       | 19             | -                | -                  | 11           | -                           | 26                             | -                          | 1163                |
| Mahalapye West      | 1424                 | 486                     | 5       | 8              | 5                | -                  | 25           | 1                           | 2                              | -                          | 383                 |
| Palapye             | 54                   | 127                     | 1       | 2              | 11               | -                  | 4            | 3                           | -                              | -                          | 599                 |
| Serowe              | 1430                 | 771                     | -       | 3              | 2                | -                  | 9            | -                           | 1                              | -                          | 1723                |
| Bobonong            | 83                   | 190                     | -       | -              | -                | -                  | 49           | -                           | 2                              | 21                         | 788                 |
| Letlhakane          | 848                  | 147                     | -       | -              | 64               | -                  | -            | -                           | 1                              | 23                         | 332                 |
| Selebi-Phikwe       | 22                   | 29                      | -       | -              | -                | -                  | 1            | -                           | 2                              | -                          | 1482                |
| CENTRAL REGION      | 4716                 | 2,051                   | 14      | 32             | 82               | -                  | 99           | 4                           | 34                             | 44                         | 6470                |
| Tati                | 184                  | 58                      | -       | -              | -                | -                  | -            | -                           | -                              | -                          | 1197                |
| Tutume              | 195                  | 138                     | -       | -              | 4                | -                  | 1            | -                           | 32                             | -                          | 955                 |
| Tonota              | 67                   | 14                      | -       | -              | -                | -                  | 3            | 3                           | 7                              | -                          | 252                 |
| FRANCISTOWN REGION  | 446                  | 210                     | -       | -              | 4                | -                  | 4            | 3                           | 39                             | -                          | 2404                |
| Ngamiland West      | 30                   | 25                      | -       | 5              | 34               | -                  | -            | 5                           | -                              | -                          | 93                  |
| Ngamiland East      | 378                  | 73                      | -       | -              | 53               | -                  | 6            | -                           | 2                              | -                          | 388                 |
| Chobe               | 11                   | 37                      | -       | -              | 12               | -                  | 10           | 1                           | 3                              | -                          | 82                  |
| MAUN REGION         | 419                  | 135                     | -       | 5              | 99               | -                  | 16           | 6                           | 5                              | -                          | 563                 |
| Gantsi              | 25                   | 3                       | -       | -              | -                | -                  | -            | -                           | -                              | 2                          | 107                 |
| Hukuntsi            | 76                   | -                       | -       | -              | -                | -                  | -            | -                           | -                              | -                          | 58                  |
| Tsabong             | -                    | -                       | -       | -              | -                | -                  | -            | -                           | -                              | -                          | 9                   |
| WESTERN REGION      | 101                  | 3                       | -       | -              | -                | -                  | -            | -                           | -                              | 2                          | 174                 |
| TOTAL TRADITIONAL   | 7,659                | 2,867                   | 21      | 39             | 239              | 10                 | 160          | 27                          | 144                            | 59                         | 14,778              |

TABLE 3.11: NUMBER OF HOLDINGS BY WHETHER THE HOLDER IS A FULL-TIME FARMER,DISTRICT AND REGION

| District/<br>Region | YES    |            | NO     |            | Total<br>Holders |
|---------------------|--------|------------|--------|------------|------------------|
|                     | Number | Percentage | Number | Percentage |                  |
| Barolong            | 1,656  | 1.9        | 467    | 1.5        | 2,123            |
| Ngwaketse South     | 2,261  | 2.5        | 655    | 2.1        | 2,916            |
| Ngwaketse North     | 4,230  | 4.7        | 1,283  | 4.1        | 5,513            |
| Ngwaketse Central   | 3,684  | 4.1        | 795    | 2.5        | 4,479            |
| Ngwaketse West      | 2,915  | 3.3        | 846    | 2.7        | 3,761            |
| SOUTHERN REGION     | 14,746 | 16.6       | 4,046  | 12.8       | 18,792           |
| Bamalete/Tlokweng   | 2,237  | 2.5        | 1,049  | 3.3        | 3,286            |
| Kweneng South       | 6,513  | 7.3        | 1,763  | 5.6        | 8,276            |
| Kweneng North       | 3,140  | 3.5        | 1,145  | 3.6        | 4,285            |
| Kweneng West        | 3,060  | 3.4        | 988    | 3.1        | 4,048            |
| Kgatleng            | 4,623  | 5.2        | 1,479  | 4.7        | 6,102            |
| GABORONE REGION     | 19,573 | 22.0       | 6,424  | 20.4       | 25,997           |
| Mahalapye East      | 4,654  | 5.2        | 1,192  | 3.8        | 5,846            |
| Mahalapye West      | 4,996  | 5.6        | 1,589  | 5.0        | 6,585            |
| Palapye             | 4,226  | 4.7        | 1,093  | 3.5        | 5,319            |
| Serowe              | 5,947  | 6.7        | 2,127  | 6.7        | 8,074            |
| Bobonong            | 3,373  | 3.8        | 1,674  | 5.3        | 5,047            |
| Letlhakane          | 3,024  | 3.4        | 1,730  | 5.5        | 4,754            |
| Selebi-Phikwe       | 2,640  | 3.0        | 1,295  | 4.1        | 3,935            |
| CENTRAL REGION      | 28,860 | 32.4       | 10,700 | 34.0       | 39,560           |
| Tati                | 2,976  | 3.3        | 1,441  | 4.6        | 4,417            |
| Tutume              | 5,872  | 6.6        | 1,933  | 6.1        | 7,805            |
| Tonota              | 2,618  | 2.9        | 1,365  | 4.3        | 3,983            |
| FRANCISTOWN REGION  | 11,466 | 12.9       | 4,739  | 15.0       | 16,205           |
| Ngamiland West      | 4,332  | 4.9        | 1,127  | 3.6        | 5,459            |
| Ngamiland East      | 4,423  | 5.0        | 2,209  | 7.0        | 6,632            |
| Chobe               | 768    | 0.9        | 438    | 1.4        | 1,206            |
| MAUN REGION         | 9,523  | 10.7       | 3,774  | 12.0       | 13,297           |
| Gantsi              | 1,711  | 1.9        | 621    | 2.0        | 2,332            |
| Hukuntsi            | 1,450  | 1.6        | 495    | 1.6        | 1,945            |
| Tsabong             | 1,740  | 2.0        | 715    | 2.3        | 2,455            |
| WESTERN REGION      | 4,901  | 5.5        | 1,831  | 5.8        | 6,732            |
| TOTAL TRADITIONAL   | 89,069 | 100.0      | 31,514 | 100.0      | 120,583          |



TABLE 3.12: NUMBER OF HOLDINGS BY RELIABLE SOURCE OF LIVESTOCK WATER SUPPLY, DISTRICT AND REGION

| District/<br>Region | Borehole | Well/Petse | Dam    | River  | Lecha (Pan) | Pond (Mogobe) | Not Stated |
|---------------------|----------|------------|--------|--------|-------------|---------------|------------|
| Barolong            | 354      | 474        | 1,097  | 8      | -           | 98            | -          |
| Ngwaketse South     | 1,105    | 725        | 650    | 321    | -           | 11            | 5          |
| Ngwaketse North     | 526      | 629        | 2,049  | 1,646  | 23          | 52            | -          |
| Ngwaketse Central   | 2,275    | 438        | 963    | 165    | 54          | 87            | 4          |
| Ngwaketse West      | 2,921    | 383        | 61     | 14     | 117         | 6             | 32         |
| SOUTHERN REGION     | 7,181    | 2,649      | 4,820  | 2,154  | 194         | 254           | 41         |
| Bamalete/Tlokweneng | 495      | 100        | 1,521  | 370    | 12          | 26            | -          |
| Kweneng South       | 2,634    | 1,324      | 2,586  | 1,104  | -           | 68            | 31         |
| Kweneng North       | 1,685    | 787        | 1,051  | 244    | 59          | 40            | 0          |
| Kweneng West        | 2,444    | 545        | 352    | -      | 13          | 34            | 18         |
| Kgatlang            | 3,624    | 127        | 675    | 708    | -           | 14            | 2          |
| GABORONE REGION     | 10,882   | 2,883      | 6,185  | 2,426  | 84          | 182           | 51         |
| Mahalapye East      | 1,474    | 1,238      | 1,292  | 470    | -           | 658           | 39         |
| Mahalapye West      | 1,829    | 1,884      | 805    | 585    | 21          | 155           | 59         |
| Palapye             | 1,713    | 1,228      | 895    | 482    | 200         | 126           | 1          |
| Serowe              | 2,827    | 2,168      | 1,123  | 138    | 19          | 109           | 211        |
| Bobonong            | 671      | 3,262      | 74     | 508    | 3           | 20            | 51         |
| Lethakane           | 1,191    | 3,071      | 26     | 3      | 52          | 4             | 155        |
| Selebi-Phikwe       | 954      | 995        | 587    | 1,205  | -           | 56            | 10         |
| CENTRAL REGION      | 10,659   | 13,846     | 4,802  | 3,391  | 295         | 1,128         | 526        |
| Tati                | 1,349    | 82         | 1,111  | 1,221  | -           | -             | 22         |
| Tutume              | 1,475    | 2,450      | 357    | 2,190  | 9           | 290           | 183        |
| Tonota              | 537      | 1,030      | 792    | 1,196  | 7           | 2             | 33         |
| FRANCISTOWN REGION  | 3,361    | 3,562      | 2,260  | 4,607  | 16          | 292           | 238        |
| Ngamiland West      | 861      | 307        | 55     | 2,224  | -           | 43            | 30         |
| Ngamiland East      | 2,550    | 1,477      | -      | 1,715  | -           | 97            | 26         |
| Chobe               | 219      | 313        | 2      | 258    | 4           | 27            | 18         |
| MAUN REGION         | 3,630    | 2,097      | 57     | 4,197  | 4           | 167           | 74         |
| Gantsi              | 2,225    | 29         | 12     | 5      | -           | 4             | -          |
| Hukuntsi            | 1,476    | 293        | -      | -      | 39          | 1             | 1          |
| Tsabong             | 2,427    | -          | -      | -      | 8           | 2             | 1          |
| WESTERN REGION      | 6,128    | 322        | 12     | 5      | 47          | 7             | 2          |
| TOTAL TRADITIONAL   | 41,841   | 25,359     | 18,136 | 16,780 | 640         | 2,030         | 932        |

TABLE 3.13: NUMBER OF HOLDINGS BY OWNERSHIP OF LIVESTOCK WATER SUPPLY, DISTRICT AND REGION

| District/<br>Region | Self   | Family | Syndicate | Community | Government | Other  | Not Stated |
|---------------------|--------|--------|-----------|-----------|------------|--------|------------|
| Barolong            | 91     | 42     | 223       | 1,247     | 111        | 318    | -          |
| Ngwaketse South     | 850    | 192    | 966       | 189       | 150        | 401    | 67         |
| Ngwaketse North     | 161    | 71     | 691       | 1,304     | 629        | 1,674  | 393        |
| Ngwaketse Central   | 325    | 116    | 2,009     | 296       | 458        | 520    | 244        |
| Ngwaketse West      | 220    | 141    | 1,765     | 428       | 206        | 752    | 29         |
| SOUTHERN REGION     | 1,647  | 562    | 5,654     | 3,464     | 1,554      | 3,665  | 733        |
| Bamalete/Tlokweng   | 46     | 76     | 320       | 1,143     | 593        | 228    | 111        |
| Kweneng South       | 320    | 188    | 969       | 1,877     | 2,854      | 1,410  | 100        |
| Kweneng North       | 137    | 56     | 996       | 892       | 201        | 1,300  | 276        |
| Kweneng West        | 276    | 17     | 1,814     | 240       | 834        | 128    | 56         |
| Kgatleng            | 320    | 79     | 2,704     | 354       | 624        | 656    | 414        |
| GABORONE REGION     | 1,099  | 416    | 6,803     | 4,506     | 5,106      | 3,722  | 957        |
| Mahalapye East      | 695    | 346    | 581       | 1,075     | 474        | 1,493  | 506        |
| Mahalapye West      | 656    | 1,013  | 905       | 1,262     | 902        | 444    | 165        |
| Palapye             | 597    | 558    | 226       | 1,066     | 668        | 1,308  | 208        |
| Serowe              | 720    | 600    | 1,222     | 1,432     | 1,405      | 1,096  | 125        |
| Bobonong            | 1,412  | 1,304  | 451       | 390       | 394        | 232    | 406        |
| Letlhakane          | 1,711  | 1,464  | 847       | 141       | 67         | 268    | 37         |
| Selebi-Phikwe       | 1,051  | 586    | 83        | 457       | 695        | 873    | 35         |
| CENTRAL REGION      | 6,842  | 5,871  | 4,315     | 5,823     | 4,605      | 5,714  | 1482       |
| Tati                | 762    | 342    | 245       | 911       | 677        | 814    | 34         |
| Tutume              | 2,363  | 1,355  | 237       | 532       | 1,021      | 1,249  | 194        |
| Tonota              | 305    | 291    | 159       | 63        | 758        | 1,343  | 678        |
| FRANCISTOWN REGION  | 3,430  | 1,988  | 641       | 1,506     | 2,456      | 3,406  | 906        |
| Ngamiland West      | 258    | 131    | 196       | 37        | 536        | 1,992  | 373        |
| Ngamiland East      | 611    | 992    | 806       | 570       | 385        | 1,796  | 708        |
| Chobe               | 197    | 99     | 46        | 98        | 77         | 243    | 75         |
| MAUN REGION         | 1,066  | 1,222  | 1,048     | 705       | 998        | 4,031  | 1156       |
| Gantsi              | 85     | 267    | 830       | 200       | 33         | 853    | 4          |
| Hukuntsi            | 197    | 122    | 772       | 232       | 237        | 214    | 22         |
| Tsabong             | 56     | 49     | 1,749     | 63        | 232        | 259    | 28         |
| WESTERN REGION      | 338    | 438    | 3,351     | 495       | 502        | 1,326  | 54         |
| TOTAL TRADITIONAL   | 14,422 | 10,497 | 21,812    | 16,499    | 15,221     | 21,864 | 5,288      |

TABLE 3.14: NUMBER OF HOLDINGS BY BOREHOLE SOURCE OF ENERGY, DISTRICT AND REGION

| District/<br>Region | Solar | Petrol | Diesel | Electricity | Not Stated | Total<br>Holdings |
|---------------------|-------|--------|--------|-------------|------------|-------------------|
| Barolong            | 1     | -      | 332    | 14          | 7          | 354               |
| Ngwaketse South     | 12    | -      | 1,031  | 4           | 58         | 1,105             |
| Ngwaketse North     | 13    | 2      | 455    | 54          | 2          | 526               |
| Ngwaketse Central   | 3     | -      | 1,703  | 475         | 94         | 2,275             |
| Ngwaketse West      | 33    | 2      | 2,705  | 9           | 172        | 2,921             |
| SOUTHERN REGION     | 62    | 4      | 6,226  | 556         | 333        | 7,181             |
| Bamalete/Tlokweneng | 31    | 41     | 367    | 18          | 38         | 495               |
| Kweneng South       | 48    | -      | 2,310  | 250         | 26         | 2,634             |
| Kweneng North       | 7     | -      | 1,514  | 67          | 97         | 1,685             |
| Kweneng West        | 28    | 12     | 2,345  | 31          | 28         | 2,444             |
| Kgatleng            | -     | 1      | 3,131  | 87          | 405        | 3,624             |
| GABORONE REGION     | 114   | 54     | 9,667  | 453         | 594        | 10,882            |
| Mahalapye East      | -     | 24     | 1,272  | 2           | 176        | 1,474             |
| Mahalapye West      | 5     | 46     | 1,401  | 74          | 303        | 1,829             |
| Palapye             | -     | 21     | 1,449  | 165         | 78         | 1,713             |
| Serowe              | 10    | -      | 1,922  | 682         | 213        | 2,827             |
| Bobonong            | -     | 90     | 472    | 86          | 23         | 671               |
| Lethakane           | -     | 62     | 1,067  | 4           | 58         | 1,191             |
| Selebi-Phikwe       | 5     | 3      | 901    | 32          | 13         | 954               |
| CENTRAL REGION      | 20    | 246    | 8,484  | 1,045       | 864        | 10,659            |
| Tati                | 15    | 2      | 1,306  | -           | 26         | 1,349             |
| Tutume              | 3     | 91     | 1,180  | 4           | 195        | 1,473             |
| Tonota              | -     | 27     | 472    | 3           | 35         | 537               |
| FRANCISTOWN REGION  | 18    | 120    | 2,958  | 7           | 256        | 3,359             |
| Ngamiland West      | 9     | 59     | 711    | -           | 82         | 861               |
| Ngamiland East      | 3     | 58     | 2,320  | 89          | 80         | 2,550             |
| Chobe               | 5     | 32     | 149    | 14          | 19         | 219               |
| MAUN REGION         | 17    | 149    | 3,180  | 103         | 181        | 3,630             |
| Gantsi              | 9     | -      | 2,123  | 91          | 2          | 2,225             |
| Hukuntsi            | 2     | -      | 1,472  | -           | 2          | 1,476             |
| Tsabong             | 44    | 14     | 2,352  | 9           | 8          | 2,427             |
| WESTERN REGION      | 55    | 14     | 5,947  | 100         | 12         | 6,128             |
| TOTAL TRADITIONAL   | 286   | 587    | 36,462 | 2,264       | 2,240      | 41,839            |

TABLE 3.15A: NUMBER OF HOLDINGS BY SOURCE OF INCOME,DISTRICT AND REGION

| District/<br>Region | Sale of<br>Crops | Sale of<br>Livestock | Income From<br>Paid<br>Employment | Sales of<br>Other<br>Produce | Income from a<br>Busi. Other<br>Than Farming | Remittances | Pension | Other  |
|---------------------|------------------|----------------------|-----------------------------------|------------------------------|----------------------------------------------|-------------|---------|--------|
| Barolong            | 74               | 357                  | 1,227                             | 28                           | 294                                          | 899         | 617     | 158    |
| Ngwaketse South     | 127              | 737                  | 1,306                             | 5                            | 370                                          | 984         | 1066    | 282    |
| Ngwaketse North     | 412              | 1,053                | 1,324                             | 54                           | 483                                          | 2,647       | 2077    | 579    |
| Ngwaketse Central   | 160              | 586                  | 1,312                             | 4                            | 771                                          | 1,306       | 1715    | 285    |
| Ngwaketse West      | 265              | 1,162                | 1,135                             | 94                           | 560                                          | 778         | 1188    | 355    |
| SOUTHERN REGION     | 1,038            | 3,895                | 6,304                             | 185                          | 2,478                                        | 6,614       | 6663    | 1659   |
| Bamalete/Tlokweneng | 203              | 733                  | 1,922                             | 31                           | 915                                          | 884         | 1173    | 30     |
| Kweneng South       | 370              | 2,126                | 3,271                             | 180                          | 1,772                                        | 2,470       | 2608    | 300    |
| Kweneng North       | 162              | 842                  | 1,855                             | 25                           | 1,167                                        | 911         | 1379    | 266    |
| Kweneng West        | 471              | 1,254                | 1,407                             | 9                            | 612                                          | 765         | 919     | 576    |
| Kgatleng            | 558              | 1,401                | 2,617                             | 229                          | 817                                          | 2,339       | 2285    | 281    |
| GABORONE REGION     | 1,764            | 6,356                | 11,072                            | 474                          | 5,283                                        | 7,369       | 8364    | 1453   |
| Mahalapye East      | 546              | 1,566                | 1,253                             | 126                          | 1,753                                        | 2,603       | 2044    | 146    |
| Mahalapye West      | 526              | 2,089                | 2,371                             | 198                          | 1,694                                        | 2,246       | 2431    | 422    |
| Palapye             | 481              | 1,349                | 1,784                             | 459                          | 798                                          | 1,860       | 1662    | 1374   |
| Serowe              | 860              | 2,085                | 3,913                             | 186                          | 1,111                                        | 1,294       | 2641    | 557    |
| Bobonong            | 358              | 1,326                | 1,959                             | 416                          | 712                                          | 1,652       | 1277    | 886    |
| Letlhakane          | 285              | 1,568                | 2,094                             | 71                           | 515                                          | 1,089       | 1254    | 577    |
| Selebi-Phikwe       | 161              | 1,217                | 1,028                             | 60                           | 433                                          | 1,281       | 1174    | 827    |
| CENTRAL REGION      | 3,217            | 11,200               | 14,402                            | 1,516                        | 7,016                                        | 12,025      | 12483   | 4789   |
| Tati                | 570              | 1,091                | 2,062                             | 46                           | 514                                          | 1,780       | 1628    | 1085   |
| Tutume              | 734              | 2,227                | 3,406                             | 125                          | 1,008                                        | 2,698       | 2694    | 563    |
| Tonota              | 271              | 915                  | 1,500                             | 43                           | 541                                          | 2,023       | 1082    | 756    |
| FRANCISTOWN REGION  | 1,575            | 4,233                | 6,968                             | 214                          | 2,063                                        | 6,501       | 5404    | 2404   |
| Ngamiland West      | 201              | 589                  | 1,529                             | 62                           | 811                                          | 1,970       | 1354    | 456    |
| Ngamiland East      | 343              | 1,853                | 3,151                             | 99                           | 1,085                                        | 1,811       | 1776    | 435    |
| Chobe               | 237              | 93                   | 719                               | 54                           | 226                                          | 245         | 291     | 105    |
| MAUN REGION         | 781              | 2,535                | 5,399                             | 215                          | 2,122                                        | 4,026       | 3421    | 996    |
| Gantsi              | 11               | 1,201                | 927                               | 26                           | 196                                          | 648         | 656     | 92     |
| Hukuntsi            | 19               | 680                  | 497                               | -                            | 93                                           | 991         | 427     | -      |
| Tsabong             | -                | 860                  | 937                               | 27                           | 278                                          | 949         | 504     | 23     |
| WESTERN REGION      | 30               | 2,741                | 2,361                             | 53                           | 567                                          | 2,588       | 1587    | 115    |
| TOTAL TRADITIONAL   | 8,405            | 30,960               | 46,506                            | 2,657                        | 19,529                                       | 39,123      | 37,922  | 11,416 |

TABLE 3.15B: NUMBER OF HOLDINGS BY MAIN SOURCE OF INCOME,DISTRICT AND REGION

| District/<br>Region | Sale of<br>Crops | Sale of<br>Livestock | Income From<br>Paid<br>Employment | Sales of<br>Other<br>Produce | Income from a<br>Busi. Other<br>Than Farming | Remittances | Pension | Other | Total<br>Holdings |
|---------------------|------------------|----------------------|-----------------------------------|------------------------------|----------------------------------------------|-------------|---------|-------|-------------------|
| Barolong            | 27               | 70                   | 870                               | 7                            | 140                                          | 482         | 415     | 112   | 2,123             |
| Ngwaketse South     | 44               | 152                  | 1,068                             | 2                            | 213                                          | 522         | 699     | 216   | 2,916             |
| Ngwaketse North     | 43               | 168                  | 1,276                             | 28                           | 265                                          | 1,471       | 1804    | 458   | 5,513             |
| Ngwaketse Central   | 97               | 268                  | 1,121                             | -                            | 524                                          | 931         | 1320    | 218   | 4,479             |
| Ngwaketse West      | 89               | 539                  | 968                               | 58                           | 442                                          | 428         | 955     | 282   | 3,761             |
| SOUTHERN REGION     | 300              | 1,197                | 5,303                             | 95                           | 1,584                                        | 3,834       | 5193    | 1286  | 18,792            |
| Bamalete/Tlokweneng | 25               | 137                  | 1,548                             | 15                           | 449                                          | 466         | 622     | 24    | 3,286             |
| Kweneng South       | 30               | 811                  | 2,743                             | 72                           | 1,213                                        | 1,628       | 1548    | 231   | 8,276             |
| Kweneng North       | 41               | 233                  | 1,590                             | -                            | 815                                          | 532         | 910     | 164   | 4,285             |
| Kweneng West        | 185              | 656                  | 1,217                             | 11                           | 399                                          | 436         | 694     | 450   | 4,048             |
| Kgatlang            | 39               | 295                  | 2,361                             | 75                           | 558                                          | 768         | 1788    | 218   | 6,102             |
| GABORONE REGION     | 320              | 2,132                | 9,459                             | 173                          | 3,434                                        | 3,830       | 5562    | 1087  | 25,997            |
| Mahalapye East      | 215              | 605                  | 1,023                             | 47                           | 1,031                                        | 1,342       | 1468    | 115   | 5,846             |
| Mahalapye West      | 194              | 716                  | 1,979                             | 84                           | 1,084                                        | 845         | 1377    | 306   | 6,585             |
| Palapye             | 156              | 249                  | 1,453                             | 165                          | 369                                          | 1,023       | 1136    | 768   | 5,319             |
| Serowe              | 428              | 993                  | 3,130                             | 119                          | 622                                          | 647         | 1723    | 412   | 8,074             |
| Bobonong            | 64               | 348                  | 1,718                             | 120                          | 534                                          | 701         | 716     | 846   | 5,047             |
| Letlhakane          | 105              | 845                  | 1,690                             | 26                           | 296                                          | 471         | 776     | 545   | 4,754             |
| Selebi-Phikwe       | 57               | 321                  | 992                               | 22                           | 303                                          | 735         | 804     | 701   | 3,935             |
| CENTRAL REGION      | 1,219            | 4,077                | 11,985                            | 583                          | 4,239                                        | 5,764       | 8000    | 3693  | 39,560            |
| Tati                | 126              | 138                  | 1,670                             | 1                            | 271                                          | 543         | 1036    | 632   | 4,417             |
| Tutume              | 204              | 781                  | 2,833                             | 107                          | 527                                          | 1,117       | 1865    | 371   | 7,805             |
| Tonota              | 55               | 207                  | 1,331                             | 16                           | 365                                          | 861         | 696     | 452   | 3,983             |
| FRANCISTOWN REGION  | 385              | 1,126                | 5,834                             | 124                          | 1,163                                        | 2,521       | 3597    | 1455  | 16,205            |
| Ngamiland West      | 162              | 381                  | 1,332                             | 28                           | 506                                          | 1,564       | 1109    | 377   | 5,459             |
| Ngamiland East      | 82               | 849                  | 2,748                             | 19                           | 652                                          | 860         | 1100    | 322   | 6,632             |
| Chobe               | 68               | 42                   | 608                               | 25                           | 137                                          | 90          | 162     | 74    | 1,206             |
| MAUN REGION         | 312              | 1,272                | 4,688                             | 72                           | 1,295                                        | 2,514       | 2371    | 773   | 13,297            |
| Gantsi              | -                | 630                  | 822                               | -                            | 118                                          | 256         | 440     | 66    | 2,332             |
| Hukuntsi            | 19               | 353                  | 509                               | -                            | 58                                           | 577         | 429     | 0     | 1,945             |
| Tsabong             | 32               | 346                  | 824                               | 8                            | 190                                          | 664         | 359     | 32    | 2,455             |
| WESTERN REGION      | 51               | 1,329                | 2,155                             | 8                            | 366                                          | 1,497       | 1228    | 98    | 6,732             |
| TOTAL TRADITIONAL   | 2,587            | 11,133               | 39,424                            | 1,055                        | 12,081                                       | 19,960      | 25,951  | 8,392 | 120,583           |

TABLE 3.16A: NUMBER OF HOLDINGS BY SOURCE OF FOOD,DISTRICT AND REGION

| District/<br>Region | Own Farm<br>Produce | Purchased<br>Food | Government<br>Rations | Supplies from<br>Relatives | Other |
|---------------------|---------------------|-------------------|-----------------------|----------------------------|-------|
| Barolong            | 73                  | 2,066             | 222                   | 47                         | -     |
| Ngwaketse South     | 224                 | 2,863             | 277                   | 50                         | 1     |
| Ngwaketse North     | 1,577               | 5,448             | 276                   | 42                         | 26    |
| Ngwaketse Central   | 332                 | 4,183             | 181                   | 208                        | -     |
| Ngwaketse West      | 720                 | 3,072             | 836                   | 147                        | 1     |
| SOUTHERN REGION     | 2,926               | 17,632            | 1,792                 | 494                        | 28    |
| Bamalete/Tlokweng   | 517                 | 3,230             | 170                   | 60                         | -     |
| Kweneng South       | 2,466               | 8,113             | 827                   | 112                        | 5     |
| Kweneng North       | 1,140               | 4,112             | 727                   | 59                         | -     |
| Kweneng West        | 1,631               | 3,596             | 764                   | 497                        | 12    |
| Kgatleng            | 2,411               | 6,041             | 128                   | 98                         | -     |
| GABORONE REGION     | 8,165               | 25,092            | 2,616                 | 826                        | 17    |
| Mahalapye East      | 2,923               | 5,758             | 531                   | 158                        | 10    |
| Mahalapye West      | 1,678               | 6,420             | 767                   | 67                         | -     |
| Palapye             | 2,870               | 5,193             | 691                   | 111                        | 1     |
| Serowe              | 2,222               | 7,483             | 1,260                 | 344                        | 41    |
| Bobonong            | 1,993               | 4,852             | 435                   | 144                        | 18    |
| Letlhakane          | 942                 | 4,452             | 703                   | 235                        | 60    |
| Selebi-Phikwe       | 819                 | 3,826             | 225                   | 72                         | 38    |
| CENTRAL REGION      | 13,447              | 37,984            | 4,612                 | 1,131                      | 168   |
| Tati                | 3,123               | 4,375             | 558                   | -                          | -     |
| Tutume              | 4,382               | 7,664             | 870                   | 147                        | -     |
| Tonota              | 1,572               | 3,949             | 168                   | 63                         | 35    |
| FRANCISTOWN REGION  | 9,077               | 15,988            | 1,596                 | 210                        | 35    |
| Ngamiland West      | 3,774               | 4,023             | 438                   | 491                        | -     |
| Ngamiland East      | 1,604               | 6,475             | 601                   | 389                        | 9     |
| Chobe               | 289                 | 1,146             | 187                   | 161                        | 7     |
| MAUN REGION         | 5,667               | 11,644            | 1,226                 | 1,041                      | 16    |
| Gantsi              | 126                 | 2,041             | 483                   | 243                        | 7     |
| Hukuntsi            | 18                  | 1,831             | 406                   | -                          | 1     |
| Tsabong             | 77                  | 2,288             | 399                   | 25                         | 9     |
| WESTERN REGION      | 221                 | 6,160             | 1,288                 | 268                        | 17    |
| TOTAL TRADITIONAL   | 39,503              | 114,500           | 13,130                | 3,970                      | 281   |

TABLE 3.16B: NUMBER OF HOLDINGS BY MAIN SOURCE OF FOOD,DISTRICT AND REGION

| District/<br>Region | Own Farm<br>Produce | Purchased<br>Food | Government<br>Rations | Supplies from<br>Relatives | Other | Total<br>Holdings |
|---------------------|---------------------|-------------------|-----------------------|----------------------------|-------|-------------------|
| Barolong            | 12                  | 1,992             | 99                    | 20                         | -     | 2,123             |
| Ngwaketse South     | 170                 | 2,556             | 177                   | 13                         | -     | 2,916             |
| Ngwaketse North     | 225                 | 5,025             | 243                   | 18                         | 2     | 5,513             |
| Ngwaketse Central   | 142                 | 3,996             | 143                   | 178                        | 20    | 4,479             |
| Ngwaketse West      | 282                 | 2,799             | 610                   | 70                         | -     | 3,761             |
| SOUTHERN REGION     | 831                 | 16,368            | 1,272                 | 299                        | 22    | 18,792            |
| Bamalete/Tlokweng   | 53                  | 3,110             | 94                    | 29                         | -     | 3,286             |
| Kweneng South       | 337                 | 7,505             | 428                   | -                          | 6     | 8,276             |
| Kweneng North       | 318                 | 3,637             | 303                   | 27                         | -     | 4,285             |
| Kweneng West        | 824                 | 2,459             | 618                   | 141                        | 6     | 4,048             |
| Kgatleng            | 629                 | 5,412             | 29                    | 32                         | -     | 6,102             |
| GABORONE REGION     | 2,161               | 22,123            | 1,472                 | 229                        | 12    | 25,997            |
| Mahalapye East      | 1,270               | 4,322             | 187                   | 67                         | -     | 5,846             |
| Mahalapye West      | 637                 | 5,556             | 369                   | 23                         | -     | 6,585             |
| Palapye             | 797                 | 4,149             | 336                   | 37                         | -     | 5,319             |
| Serowe              | 1,180               | 6,067             | 686                   | 122                        | 19    | 8,074             |
| Bobonong            | 553                 | 4,264             | 222                   | 8                          | -     | 5,047             |
| Letlhakane          | 239                 | 3,911             | 501                   | 103                        | -     | 4,754             |
| Selebi-Phikwe       | 231                 | 3,421             | 210                   | 23                         | 50    | 3,935             |
| CENTRAL REGION      | 4,907               | 31,690            | 2,511                 | 383                        | 69    | 39,560            |
| Tati                | 1,622               | 2,552             | 243                   | -                          | -     | 4,417             |
| Tutume              | 1,488               | 5,859             | 401                   | 57                         | -     | 7,805             |
| Tonota              | 719                 | 3,210             | 50                    | 2                          | 2     | 3,983             |
| FRANCISTOWN REGION  | 3,829               | 11,621            | 694                   | 59                         | 2     | 16,205            |
| Ngamiland West      | 2,927               | 2,011             | 367                   | 154                        | -     | 5,459             |
| Ngamiland East      | 442                 | 5,795             | 301                   | 90                         | 4     | 6,632             |
| Chobe               | 88                  | 945               | 140                   | 29                         | 4     | 1,206             |
| MAUN REGION         | 3,457               | 8,751             | 808                   | 273                        | 8     | 13,297            |
| Gantsi              | 28                  | 1,790             | 435                   | 79                         | -     | 2,332             |
| Hukuntsi            | 56                  | 1,543             | 346                   | -                          | -     | 1,945             |
| Tsabong             | 71                  | 2,107             | 269                   | -                          | 8     | 2,455             |
| WESTERN REGION      | 155                 | 5,440             | 1,050                 | 79                         | 8     | 6,732             |
| TOTAL TRADITIONAL   | 15,340              | 95,993            | 7,807                 | 1,322                      | 121   | 120,583           |

TABLE 3.17: NUMBER OF HOLDINGS BY WHETHER EMPLOYED FARM LABOURERS, DISTRICT AND REGION

| District/<br>Region | YES    |            | NO      |            | Total<br>Holders |
|---------------------|--------|------------|---------|------------|------------------|
|                     | Number | Percentage | Number  | Percentage |                  |
| Barolong            | 254    | 1.3        | 1,869   | 1.8        | 2,123            |
| Ngwaketse South     | 419    | 2.2        | 2,497   | 2.5        | 2,916            |
| Ngwaketse North     | 623    | 3.2        | 4,890   | 4.8        | 5,513            |
| Ngwaketse Central   | 536    | 2.8        | 3,943   | 3.9        | 4,479            |
| Ngwaketse West      | 713    | 3.7        | 3,048   | 3.0        | 3,761            |
| SOUTHERN REGION     | 2,545  | 13.1       | 16,247  | 16.1       | 18,792           |
| Bamalete/Tlokweng   | 483    | 2.5        | 2,803   | 2.8        | 3,286            |
| Kweneng South       | 1,249  | 6.4        | 7,027   | 6.9        | 8,276            |
| Kweneng North       | 855    | 4.4        | 3,430   | 3.4        | 4,285            |
| Kweneng West        | 820    | 4.2        | 3,228   | 3.2        | 4,048            |
| Kgatleng            | 1,086  | 5.6        | 5,016   | 5.0        | 6,102            |
| GABORONE REGION     | 4,493  | 23.2       | 21,504  | 21.3       | 25,997           |
| Mahalapye East      | 762    | 3.9        | 5,084   | 5.0        | 5,846            |
| Mahalapye West      | 1,271  | 6.6        | 5,314   | 5.3        | 6,585            |
| Palapye             | 636    | 3.3        | 4,683   | 4.6        | 5,319            |
| Serowe              | 1,564  | 8.1        | 6,510   | 6.4        | 8,074            |
| Bobonong            | 905    | 4.7        | 4,142   | 4.1        | 5,047            |
| Letlhakane          | 1,241  | 6.4        | 3,513   | 3.5        | 4,754            |
| Selebi-Phikwe       | 755    | 3.9        | 3,180   | 3.1        | 3,935            |
| CENTRAL REGION      | 7,134  | 36.8       | 32,426  | 32.0       | 39,560           |
| Tati                | 771    | 4.0        | 3,646   | 3.6        | 4,417            |
| Tutume              | 1,403  | 7.2        | 6,402   | 6.3        | 7,805            |
| Tonota              | 1,054  | 5.4        | 2,929   | 2.9        | 3,983            |
| FRANCISTOWN REGION  | 3,228  | 16.6       | 12,977  | 12.8       | 16,205           |
| Ngamiland West      | 224    | 1.2        | 5,235   | 5.2        | 5,459            |
| Ngamiland East      | 794    | 4.1        | 5,838   | 5.8        | 6,632            |
| Chobe               | 207    | 1.1        | 999     | 1.0        | 1,206            |
| MAUN REGION         | 1,225  | 6.3        | 12,072  | 11.9       | 13,297           |
| Gantsi              | 357    | 1.8        | 1,975   | 2.0        | 2,332            |
| Hukuntsi            | 170    | 0.9        | 1,775   | 1.8        | 1,945            |
| Tsabong             | 247    | 1.3        | 2,208   | 2.2        | 2,455            |
| WESTERN REGION      | 774    | 4.0        | 5,958   | 5.9        | 6,732            |
| TOTAL TRADITIONAL   | 19,399 | 100.0      | 101,184 | 100.0      | 120,583          |



TABLE 3.18A: NUMBER OF FARM LABOURERS BY EDUCATION ATTAINMENT, GENDER, DISTRICT AND REGION

| District/<br>Region | Primary |        | Secondary |        | Non Formal |        | Never Attended |        | Total Farm<br>Labourers |
|---------------------|---------|--------|-----------|--------|------------|--------|----------------|--------|-------------------------|
|                     | Male    | Female | Male      | Female | Male       | Female | Male           | Female |                         |
| Barolong            | 91      | 30     | 65        | 15     | 3          | -      | 107            | 15     | 326                     |
| Ngwaketse South     | 124     | 27     | 41        | 30     | -          | -      | 288            | 3      | 513                     |
| Ngwaketse North     | 109     | 10     | 59        | 1      | -          | -      | 467            | 32     | 678                     |
| Ngwaketse Central   | 138     | 29     | 32        | 21     | 9          | 3      | 412            | 42     | 686                     |
| Ngwaketse West      | 198     | 16     | 67        | 2      | -          | -      | 573            | 22     | 878                     |
| SOUTHERN REGION     | 660     | 112    | 264       | 69     | 12         | 3      | 1847           | 114    | 3,081                   |
| Bamalete/Tlokweng   | 99      | 20     | 89        | 14     | -          | -      | 282            | 24     | 528                     |
| Kweneng South       | 334     | 18     | 147       | 5      | -          | -      | 931            | 10     | 1,445                   |
| Kweneng North       | 359     | 16     | 101       | 29     | 25         | -      | 595            | 23     | 1,148                   |
| Kweneng West        | 255     | 18     | 96        | 2      | 5          | -      | 623            | 93     | 1,092                   |
| Kgatleng            | 366     | 67     | 141       | 16     | -          | -      | 677            | 32     | 1,299                   |
| GABORONE REGION     | 1,413   | 139    | 574       | 66     | 30         | -      | 3108           | 182    | 5,512                   |
| Mahalapye East      | 226     | 27     | 81        | 22     | 3          | -      | 481            | 69     | 909                     |
| Mahalapye West      | 328     | 45     | 120       | 4      | -          | -      | 1049           | 43     | 1,589                   |
| Palapye             | 201     | 3      | 83        | 4      | -          | -      | 413            | 2      | 706                     |
| Serowe              | 428     | 40     | 170       | 49     | 9          | 28     | 1329           | 32     | 2,085                   |
| Bobonong            | 304     | 26     | 91        | 54     | 19         | -      | 551            | 48     | 1,093                   |
| Letlhakane          | 310     | 101    | 46        | 132    | 17         | 1      | 1073           | 198    | 1,878                   |
| Selebi-Phikwe       | 271     | 20     | 67        | 24     | 5          | -      | 512            | 19     | 918                     |
| CENTRAL REGION      | 2,068   | 262    | 658       | 289    | 53         | 29     | 5408           | 411    | 9,178                   |
| Tati                | 285     | 56     | 102       | 63     | -          | -      | 347            | 59     | 912                     |
| Tutume              | 279     | 27     | 91        | 36     | 3          | 1      | 1047           | 173    | 1,657                   |
| Tonota              | 551     | 129    | 139       | 107    | 9          | -      | 529            | 114    | 1,578                   |
| FRANCISTOWN REGION  | 1,115   | 212    | 332       | 206    | 12         | 1      | 1923           | 346    | 4,147                   |
| Ngamiland West      | 108     | 6      | 7         | -      | -          | -      | 81             | 70     | 272                     |
| Ngamiland East      | 384     | 35     | 87        | 63     | 5          | -      | 452            | 26     | 1,052                   |
| Chobe               | 98      | 9      | 27        | 4      | 1          | -      | 84             | 7      | 230                     |
| MAUN REGION         | 590     | 50     | 121       | 67     | 6          | -      | 617            | 103    | 1,554                   |
| Gantsi              | 93      | -      | 18        | -      | 2          | -      | 297            | -      | 410                     |
| Hukuntsi            | 60      | -      | 5         | -      | -          | -      | 144            | 1      | 210                     |
| Tsabong             | 80      | -      | 29        | -      | 1          | -      | 231            | 6      | 347                     |
| WESTERN REGION      | 233     | -      | 52        | -      | 3          | -      | 672            | 7      | 967                     |
| TOTAL TRADITIONAL   | 6,079   | 775    | 2,001     | 697    | 116        | 33     | 13,575         | 1,163  | 24,439                  |

TABLE 3.18B: NUMBER OF FARM LABOURERS BY EDUCATION ATTAINMENT, GENDER AND AGE GROUP OF HOLDER

| Age Group<br>of Holder | Primary |        | Secondary |        | Non Formal |        | Never Attended |        | Total Farm<br>Labourers |
|------------------------|---------|--------|-----------|--------|------------|--------|----------------|--------|-------------------------|
|                        | Male    | Female | Male      | Female | Male       | Female | Male           | Female |                         |
| 12 - 14                | 234     | 2      | 3         | -      | 1          | -      | 140            | 8      | 388                     |
| 15 - 19                | 1,052   | 49     | 306       | 97     | 1          | -      | 723            | 26     | 2,254                   |
| 20 - 24                | 1,282   | 134    | 668       | 223    | 11         | 1      | 1390           | 72     | 3,781                   |
| 25 - 29                | 1,071   | 99     | 670       | 173    | -          | 1      | 1754           | 57     | 3,825                   |
| 30 - 34                | 896     | 208    | 205       | 85     | 11         | 28     | 1689           | 174    | 3,296                   |
| 35 - 39                | 461     | 100    | 103       | 110    | 20         | -      | 1435           | 161    | 2,390                   |
| 40 - 44                | 393     | 92     | 21        | 4      | 41         | -      | 1530           | 141    | 2,222                   |
| 45 - 49                | 177     | 33     | 12        | 1      | 19         | -      | 1266           | 104    | 1,612                   |
| 50 - 54                | 193     | 20     | 3         | 3      | 6          | -      | 1293           | 131    | 1,649                   |
| 55 - 59                | 64      | 5      | 3         | -      | -          | -      | 595            | 74     | 741                     |
| 60 - 64                | 128     | 18     | 2         | 1      | 2          | -      | 519            | 47     | 717                     |
| 65 +                   | 64      | 6      | 1         | -      | 4          | -      | 852            | 108    | 1,035                   |
| Not Stated             | 64      | 9      | 4         | -      | -          | 3      | 389            | 60     | 529                     |
| Total Traditional      | 6,079   | 775    | 2,001     | 697    | 116        | 33     | 13,575         | 1,163  | 24,439                  |

TABLE 3.19: NUMBER OF FARM LABOURERS BY CITIZENSHIP,GENDER, DISTRICT AND REGION

| District/<br>Region | Botswana |        | Zimbabwe |        | Angola |        | Rest of SADC |        | Other Countries |        | Total Farm Labourers |        | Total Farm<br>Labourers |
|---------------------|----------|--------|----------|--------|--------|--------|--------------|--------|-----------------|--------|----------------------|--------|-------------------------|
|                     | Male     | Female | Male     | Female | Male   | Female | Male         | Female | Male            | Female | Male                 | Female |                         |
| Barolong            | 236      | 60     | 21       | -      | -      | -      | 9            | -      | -               | -      | 266                  | 60     | 326                     |
| Ngwaketse South     | 413      | 45     | 39       | 15     | -      | -      | 1            | -      | -               | -      | 453                  | 60     | 513                     |
| Ngwaketse North     | 627      | 43     | 7        | -      | -      | -      | 1            | -      | -               | -      | 635                  | 43     | 678                     |
| Ngwaketse Central   | 565      | 77     | 26       | 18     | -      | -      | -            | -      | -               | -      | 591                  | 95     | 686                     |
| Ngwaketse West      | 805      | 40     | 29       | -      | -      | -      | 4            | -      | -               | -      | 838                  | 40     | 878                     |
| SOUTHERN REGION     | 2,646    | 265    | 122      | 33     | -      | -      | 15           | -      | -               | -      | 2,783                | 298    | 3,081                   |
| Bamalete/Tlokweng   | 404      | 50     | 66       | 8      | -      | -      | -            | -      | -               | -      | 470                  | 58     | 528                     |
| Kweneng South       | 1,395    | 23     | -        | -      | -      | -      | -            | -      | 17              | 10     | 1,412                | 33     | 1,445                   |
| Kweneng North       | 1,067    | 68     | 5        | -      | -      | -      | 8            | -      | -               | -      | 1,080                | 68     | 1,148                   |
| Kweneng West        | 967      | 106    | 12       | 2      | -      | -      | -            | 5      | -               | -      | 979                  | 113    | 1,092                   |
| Kgatleng            | 1,135    | 102    | 49       | 13     | -      | -      | -            | -      | -               | -      | 1,184                | 115    | 1,299                   |
| GABORONE REGION     | 4,968    | 349    | 132      | 23     | -      | -      | 8            | 5      | 17              | 10     | 5,125                | 387    | 5,512                   |
| Mahalapye East      | 752      | 103    | 38       | 2      | -      | -      | -            | -      | 1               | 13     | 791                  | 118    | 909                     |
| Mahalapye West      | 1,453    | 92     | 41       | -      | -      | -      | 3            | -      | -               | -      | 1,497                | 92     | 1,589                   |
| Palapye             | 668      | 8      | 23       | 1      | -      | -      | 6            | -      | -               | -      | 697                  | 9      | 706                     |
| Serowe              | 1,900    | 124    | 32       | 25     | 3      | -      | -            | -      | 1               | -      | 1,936                | 149    | 2,085                   |
| Bobonong            | 832      | 114    | 123      | 14     | -      | -      | 10           | -      | -               | -      | 965                  | 128    | 1,093                   |
| Letlhakane          | 1,423    | 432    | 8        | -      | 3      | -      | 12           | -      | -               | -      | 1,446                | 432    | 1,878                   |
| Selebi-Phikwe       | 792      | 60     | 47       | 3      | 2      | -      | 14           | -      | -               | -      | 855                  | 63     | 918                     |
| CENTRAL REGION      | 7,820    | 933    | 312      | 45     | 8      | -      | 45           | -      | 2               | 13     | 8,187                | 991    | 9,178                   |
| Tati                | 672      | 142    | 20       | 36     | -      | -      | 42           | -      | -               | -      | 734                  | 178    | 912                     |
| Tutume              | 1,302    | 214    | 61       | 23     | 32     | -      | 25           | -      | -               | -      | 1,420                | 237    | 1,657                   |
| Tonota              | 1,072    | 316    | 139      | 34     | -      | -      | 17           | -      | -               | -      | 1,228                | 350    | 1,578                   |
| FRANCISTOWN REGION  | 3,046    | 672    | 220      | 93     | 32     | -      | 84           | -      | -               | -      | 3,382                | 765    | 4,147                   |
| Ngamiland West      | 196      | 76     | -        | -      | -      | -      | -            | -      | -               | -      | 196                  | 76     | 272                     |
| Ngamiland East      | 872      | 108    | 31       | 13     | 6      | -      | 19           | 2      | -               | 1      | 928                  | 124    | 1,052                   |
| Chobe               | 156      | 19     | 18       | -      | 1      | -      | 29           | 1      | 6               | -      | 210                  | 20     | 230                     |
| MAUN REGION         | 1,224    | 203    | 49       | 13     | 7      | -      | 48           | 3      | 6               | 1      | 1,334                | 220    | 1,554                   |
| Gantsi              | 410      | -      | -        | -      | -      | -      | -            | -      | -               | -      | 410                  | -      | 410                     |
| Hukuntsi            | 209      | 1      | -        | -      | -      | -      | -            | -      | -               | -      | 209                  | 1      | 210                     |
| Tsabong             | 341      | 6      | -        | -      | -      | -      | -            | -      | -               | -      | 341                  | 6      | 347                     |
| WESTERN REGION      | 960      | 7      | -        | -      | -      | -      | -            | -      | -               | -      | 960                  | 7      | 967                     |
| TOTAL TRADITIONAL   | 20,664   | 2,429  | 835      | 207    | 47     | -      | 200          | 8      | 25              | 24     | 21,771               | 2,668  | 24,439                  |

TABLE 3.20: NUMBER OF FARM LABOURERS BY MARITAL STATUS, GENDER, DISTRICT AND REGION

| District/<br>Region | Never Married |        | Married |        | Living Together |        | Total Labourers |        | Total<br>Labourers |
|---------------------|---------------|--------|---------|--------|-----------------|--------|-----------------|--------|--------------------|
|                     | Male          | Female | Male    | Female | Male            | Female | Male            | Female |                    |
| Barolong            | 283           | 21     | 1       | -      | -               | 21     | 284             | 42     | 326                |
| Ngwaketse South     | 392           | 91     | 17      | -      | -               | 13     | 409             | 104    | 513                |
| Ngwaketse North     | 458           | 157    | 39      | 3      | 2               | 19     | 499             | 179    | 678                |
| Ngwaketse Central   | 546           | 23     | 68      | -      | -               | 49     | 614             | 72     | 686                |
| Ngwaketse West      | 763           | 61     | 45      | -      | -               | 9      | 808             | 70     | 878                |
| SOUTHERN REGION     | 2,442         | 353    | 170     | 3      | 2               | 111    | 2,614           | 467    | 3,081              |
| Bamalete/Tlokweng   | 346           | 50     | 123     | -      | 7               | 2      | 476             | 52     | 528                |
| Kweneng South       | 1,173         | 197    | 55      | -      | -               | 20     | 1,228           | 217    | 1,445              |
| Kweneng North       | 882           | 120    | 136     | 7      | -               | 3      | 1,018           | 130    | 1,148              |
| Kweneng West        | 843           | 98     | 122     | 3      | 2               | 24     | 967             | 125    | 1,092              |
| Kgatleng            | 1,159         | 81     | 50      | -      | 4               | 5      | 1,213           | 86     | 1,299              |
| GABORONE REGION     | 4,403         | 546    | 486     | 10     | 13              | 54     | 4,902           | 610    | 5,512              |
| Mahalapye East      | 652           | 119    | 138     | -      | -               | -      | 790             | 119    | 909                |
| Mahalapye West      | 1,247         | 306    | 14      | -      | 2               | 20     | 1,263           | 326    | 1,589              |
| Palapye             | 578           | 64     | 62      | -      | -               | 2      | 640             | 66     | 706                |
| Serowe              | 1,420         | 365    | 269     | -      | 23              | 8      | 1,712           | 373    | 2,085              |
| Bobonong            | 797           | 146    | 143     | -      | -               | 7      | 940             | 153    | 1,093              |
| Letlhakane          | 1,279         | 269    | 258     | 2      | 10              | 60     | 1,547           | 331    | 1,878              |
| Selebi-Phikwe       | 673           | 131    | 94      | 0      | 1               | 19     | 768             | 150    | 918                |
| CENTRAL REGION      | 6,646         | 1,400  | 978     | 2      | 36              | 116    | 7,660           | 1,518  | 9,178              |
| Tati                | 650           | 139    | 29      | -      | 58              | 36     | 737             | 175    | 912                |
| Tutume              | 1,022         | 546    | 17      | -      | 39              | 33     | 1,078           | 579    | 1,657              |
| Tonota              | 1,135         | 333    | 44      | -      | 4               | 62     | 1,183           | 395    | 1,578              |
| FRANCISTOWN REGION  | 2,807         | 1,018  | 90      | -      | 101             | 131    | 2,998           | 1,149  | 4,147              |
| Ngamiland West      | 231           | 26     | 9       | -      | -               | 6      | 240             | 32     | 272                |
| Ngamiland East      | 840           | 87     | 115     | 5      | -               | 5      | 955             | 97     | 1,052              |
| Chobe               | 164           | 56     | 5       | -      | -               | 5      | 169             | 61     | 230                |
| MAUN REGION         | 1,235         | 169    | 129     | 5      | -               | 16     | 1,364           | 190    | 1,554              |
| Gantsi              | 270           | 69     | 55      | -      | 1               | 15     | 326             | 84     | 410                |
| Hukuntsi            | 131           | 79     | -       | -      | -               | -      | 131             | 79     | 210                |
| Tsabong             | 52            | 288    | -       | -      | -               | 7      | 52              | 295    | 347                |
| WESTERN REGION      | 453           | 436    | 55      | -      | 1               | 22     | 509             | 458    | 967                |
| TOTAL TRADITIONAL   | 17,986        | 3,922  | 1,908   | 20     | 153             | 450    | 20,047          | 4,392  | 24,439             |

NB: No separated, divorced or widowed labourers

TABLE 3.21: NUMBER OF FARM LABOURERS BY EMPLOYEE STATUS, DISTRICT AND REGION

| District/<br>Region | Employee<br>Paid in Cash | Employee<br>Paid in Kind | Self Employed<br>(no employees) | Self Employed<br>with employees | Unpaid<br>Family Helper | Worked in Own<br>Lands/C/posts | Total Farm<br>Labourers |
|---------------------|--------------------------|--------------------------|---------------------------------|---------------------------------|-------------------------|--------------------------------|-------------------------|
| Barolong            | 326                      | -                        | -                               | -                               | -                       | -                              | 326                     |
| Ngwaketse South     | 510                      | 3                        | -                               | -                               | -                       | -                              | 513                     |
| Ngwaketse North     | 634                      | 44                       | -                               | -                               | -                       | -                              | 678                     |
| Ngwaketse Central   | 653                      | 33                       | -                               | -                               | -                       | -                              | 686                     |
| Ngwaketse West      | 829                      | 44                       | 5                               | -                               | -                       | -                              | 878                     |
| SOUTHERN REGION     | 2,952                    | 124                      | 5                               | -                               | -                       | -                              | 3,081                   |
| Bamalete/Tlokweneng | 521                      | 7                        | -                               | -                               | -                       | -                              | 528                     |
| Kweneng South       | 1,387                    | 48                       | 10                              | -                               | -                       | -                              | 1,445                   |
| Kweneng North       | 1,112                    | 36                       | -                               | -                               | -                       | -                              | 1,148                   |
| Kweneng West        | 972                      | 111                      | -                               | -                               | 7                       | 2                              | 1,092                   |
| Kgatleng            | 1,269                    | 29                       | -                               | -                               | -                       | 1                              | 1,299                   |
| GABORONE REGION     | 5,261                    | 231                      | 10                              | -                               | 7                       | 3                              | 5,512                   |
| Mahalapye East      | 823                      | 86                       | -                               | -                               | -                       | -                              | 909                     |
| Mahalapye West      | 1,375                    | 184                      | 9                               | 6                               | 15                      | -                              | 1,589                   |
| Palapye             | 678                      | 28                       | -                               | -                               | -                       | -                              | 706                     |
| Serowe              | 1,876                    | 193                      | 8                               | 8                               | -                       | -                              | 2,085                   |
| Bobonong            | 1,051                    | 16                       | -                               | -                               | -                       | 26                             | 1,093                   |
| Letlhakane          | 1,805                    | 69                       | 4                               | -                               | -                       | -                              | 1,878                   |
| Selebi-Phikwe       | 856                      | 59                       | -                               | 1                               | -                       | 2                              | 918                     |
| CENTRAL REGION      | 8,464                    | 635                      | 21                              | 15                              | 15                      | 28                             | 9,178                   |
| Tati                | 891                      | 21                       | -                               | -                               | -                       | -                              | 912                     |
| Tutume              | 1,582                    | 75                       | -                               | -                               | -                       | -                              | 1,657                   |
| Tonota              | 1,453                    | 125                      | -                               | -                               | -                       | -                              | 1,578                   |
| FRANCISTOWN REGION  | 3,926                    | 221                      | -                               | -                               | -                       | -                              | 4,147                   |
| Ngamiland West      | 223                      | 49                       | -                               | -                               | -                       | -                              | 272                     |
| Ngamiland East      | 1,028                    | 24                       | -                               | -                               | -                       | -                              | 1,052                   |
| Chobe               | 215                      | 15                       | -                               | -                               | -                       | -                              | 230                     |
| MAUN REGION         | 1,466                    | 88                       | -                               | -                               | -                       | -                              | 1,554                   |
| Gantsi              | 200                      | 210                      | -                               | -                               | -                       | -                              | 410                     |
| Hukuntsi            | 209                      | -                        | -                               | 1                               | -                       | -                              | 210                     |
| Tsabong             | 345                      | 2                        | -                               | -                               | -                       | -                              | 347                     |
| WESTERN REGION      | 754                      | 212                      | -                               | 1                               | -                       | -                              | 967                     |
| TOTAL TRADITIONAL   | 22,823                   | 1,511                    | 36                              | 16                              | 22                      | 31                             | 24,439                  |

TABLE 3.22: NUMBER OF FARM LABOURERS AND TOTAL EARNINGS (PULA) BY MODE OF PAYMENT, DISTRICT AND REGION

| District/<br>Region | Payment in Cash Only |                          |                            | Payment in Kind   |                          |                            | Payment in Both Cash and in kind |                          |                            | Total Farm<br>Labourers | Total<br>Earnings (Pula) | Average<br>Earnings (Pula) |
|---------------------|----------------------|--------------------------|----------------------------|-------------------|--------------------------|----------------------------|----------------------------------|--------------------------|----------------------------|-------------------------|--------------------------|----------------------------|
|                     | Farm<br>Labourers    | Total<br>Earnings (Pula) | Average<br>Earnings (Pula) | Farm<br>Labourers | Total<br>Earnings (Pula) | Average<br>Earnings (Pula) | Farm<br>Labourers                | Total<br>Earnings (Pula) | Average<br>Earnings (Pula) |                         |                          |                            |
| Barolong            | 308                  | 95,430                   | 310                        | -                 | -                        | -                          | 18                               | 9,320                    | 518                        | 326                     | 104,750                  | 321                        |
| Ngwaketse South     | 406                  | 115,031                  | 283                        | -                 | -                        | -                          | 107                              | 45,025                   | 421                        | 513                     | 160,056                  | 312                        |
| Ngwaketse North     | 290                  | 95,950                   | 331                        | 39                | 11,100                   | 285                        | 349                              | 135,790                  | 389                        | 678                     | 242,840                  | 358                        |
| Ngwaketse Central   | 328                  | 85,900                   | 262                        | 18                | 7,400                    | 411                        | 340                              | 330,735                  | 973                        | 686                     | 424,035                  | 618                        |
| Ngwaketse West      | 391                  | 100,090                  | 256                        | 29                | 10,350                   | 357                        | 458                              | 201,261                  | 439                        | 878                     | 311,701                  | 355                        |
| SOUTHERN REGION     | 1,723                | 492,401                  | 286                        | 86                | 28,850                   | 335                        | 1272                             | 722,131                  | 568                        | 3,081                   | 1,243,382                | 404                        |
| Bamalete/Tlokweng   | 513                  | 210,130                  | 410                        | 15                | 9,400                    | 627                        | -                                | -                        | -                          | 528                     | 219,530                  | 416                        |
| Kweneng South       | 1,022                | 260,160                  | 255                        | 76                | 70,400                   | 926                        | 347                              | 153,560                  | 443                        | 1,445                   | 484,120                  | 335                        |
| Kweneng North       | 620                  | 167,871                  | 271                        | 32                | 20,120                   | 629                        | 496                              | 200,465                  | 404                        | 1,148                   | 388,456                  | 338                        |
| Kweneng West        | 503                  | 133,240                  | 265                        | 99                | 45,625                   | 461                        | 490                              | 194,237                  | 396                        | 1,092                   | 373,102                  | 342                        |
| Kgatleng            | 1,261                | 419,685                  | 333                        | 29                | 5,018                    | 173                        | 9                                | 3,800                    | 422                        | 1,299                   | 428,503                  | 330                        |
| GABORONE REGION     | 3,919                | 1,191,086                | 304                        | 251               | 150,563                  | 600                        | 1342                             | 552,062                  | 411                        | 5,512                   | 1,893,711                | 344                        |
| Mahalapye East      | 748                  | 183,345                  | 245                        | 111               | 62,370                   | 562                        | 50                               | 15,390                   | 308                        | 909                     | 261,105                  | 287                        |
| Mahalapye West      | 998                  | 257,747                  | 258                        | 107               | 36,500                   | 341                        | 484                              | 160,518                  | 332                        | 1,589                   | 454,765                  | 286                        |
| Palapye             | 403                  | 95,150                   | 236                        | 28                | 22,000                   | 786                        | 275                              | 121,880                  | 443                        | 706                     | 239,030                  | 339                        |
| Serowe              | 1,205                | 318,620                  | 264                        | 61                | 32,300                   | 530                        | 819                              | 427,164                  | 522                        | 2,085                   | 778,084                  | 373                        |
| Bobonong            | 313                  | 74,890                   | 239                        | 42                | 16,720                   | 398                        | 738                              | 253,832                  | 344                        | 1,093                   | 345,442                  | 316                        |
| Lethakane           | 1,748                | 432,478                  | 247                        | 27                | 38,272                   | 1,417                      | 103                              | 47,350                   | 460                        | 1,878                   | 518,100                  | 276                        |
| Selebi-Phikwe       | 528                  | 139,040                  | 263                        | 50                | 44,200                   | 884                        | 340                              | 116,642                  | 343                        | 918                     | 299,882                  | 327                        |
| CENTRAL REGION      | 5,943                | 1,501,270                | 253                        | 426               | 252,362                  | 592                        | 2809                             | 1,142,775                | 407                        | 9,178                   | 2,896,407                | 316                        |
| Tati                | 620                  | 153,090                  | 247                        | -                 | -                        | -                          | 292                              | 127,490                  | 437                        | 912                     | 280,580                  | 308                        |
| Tutume              | 1,459                | 265,915                  | 182                        | 92                | 55,050                   | 598                        | 106                              | 31,886                   | 301                        | 1,657                   | 352,851                  | 213                        |
| Tonota              | 785                  | 252,834                  | 322                        | 113               | 52,200                   | 462                        | 680                              | 192,037                  | 282                        | 1,578                   | 497,071                  | 315                        |
| FRANCISTOWN REGION  | 2,864                | 671,839                  | 235                        | 205               | 107,250                  | 523                        | 1078                             | 351,413                  | 326                        | 4,147                   | 1,130,502                | 273                        |
| Ngamiland West      | 214                  | 55,100                   | 257                        | 58                | 11,540                   | 199                        | -                                | -                        | -                          | 272                     | 66,640                   | 245                        |
| Ngamiland East      | 976                  | 333,236                  | 341                        | 18                | 13,700                   | 761                        | 58                               | 32,410                   | 559                        | 1,052                   | 379,346                  | 361                        |
| Chobe               | 214                  | 65,135                   | 304                        | 5                 | 4,100                    | 820                        | 11                               | 5,613                    | 510                        | 230                     | 74,848                   | 325                        |
| MAUN REGION         | 1,404                | 453,471                  | 323                        | 81                | 29,340                   | 362                        | 69                               | 38,023                   | 551                        | 1,554                   | 520,834                  | 335                        |
| Gantsi              | 96                   | 25,350                   | 264                        | 5                 | 3,070                    | 614                        | 309                              | 119,407                  | 386                        | 410                     | 147,827                  | 361                        |
| Hukuntsi            | 210                  | 64,620                   | 308                        | -                 | -                        | -                          | -                                | -                        | -                          | 210                     | 64,620                   | 308                        |
| Tsabong             | 347                  | 89,200                   | 257                        | -                 | -                        | -                          | -                                | -                        | -                          | 347                     | 89,200                   | 257                        |
| WESTERN REGION      | 653                  | 179,170                  | 274                        | 5                 | 3,070                    | 614                        | 309                              | 119,407                  | 386                        | 967                     | 301,647                  | 312                        |
| TOTAL TRADITIONAL   | 16,506               | 4,489,237                | 272                        | 1,054             | 571,435                  | 542                        | 6,879                            | 2,925,811                | 425                        | 24,439                  | 7,986,483                | 327                        |

TABLE 3.23: NUMBER OF FARM LABOURERS AND TOTAL EARNINGS (PULA) BY DISTRICT AND REGION

| District/<br>Region | Holding Employing<br>Farm Labourers | Number of<br>Farm Labourers | Total Earnings<br>(Pula) | Average Earnings<br>(Pula) |
|---------------------|-------------------------------------|-----------------------------|--------------------------|----------------------------|
| Barolong            | 254                                 | 326                         | 104,750                  | 321                        |
| Ngwaketse South     | 419                                 | 513                         | 160,056                  | 312                        |
| Ngwaketse North     | 623                                 | 678                         | 242,840                  | 358                        |
| Ngwaketse Central   | 536                                 | 686                         | 424,035                  | 618                        |
| Ngwaketse West      | 713                                 | 878                         | 311,701                  | 355                        |
| SOUTHERN REGION     | 2,545                               | 3,081                       | 1,243,382                | 404                        |
| Bamalete/Tlokweneng | 483                                 | 528                         | 219,530                  | 416                        |
| Kweneng South       | 1,249                               | 1,445                       | 484,120                  | 335                        |
| Kweneng North       | 855                                 | 1,148                       | 388,456                  | 338                        |
| Kweneng West        | 820                                 | 1,092                       | 373,102                  | 342                        |
| Kgatleng            | 1,086                               | 1,299                       | 428,503                  | 330                        |
| GABORONE REGION     | 4,493                               | 5,512                       | 1,893,711                | 344                        |
| Mahalapye East      | 762                                 | 909                         | 261,105                  | 287                        |
| Mahalapye West      | 1,271                               | 1,589                       | 454,765                  | 286                        |
| Palapye             | 636                                 | 706                         | 239,030                  | 339                        |
| Serowe              | 1,564                               | 2,085                       | 778,084                  | 373                        |
| Bobonong            | 905                                 | 1,093                       | 345,442                  | 316                        |
| Letlhakane          | 1,241                               | 1,878                       | 518,100                  | 276                        |
| Selebi-Phikwe       | 755                                 | 918                         | 299,882                  | 327                        |
| CENTRAL REGION      | 7,134                               | 9,178                       | 2,896,407                | 316                        |
| Tati                | 771                                 | 912                         | 280,580                  | 308                        |
| Tutume              | 1,403                               | 1,657                       | 352,851                  | 213                        |
| Tonota              | 1,054                               | 1,578                       | 497,071                  | 315                        |
| FRANCISTOWN REGION  | 3,228                               | 4,147                       | 1,130,502                | 273                        |
| Ngamiland West      | 224                                 | 272                         | 66,640                   | 245                        |
| Ngamiland East      | 794                                 | 1,052                       | 379,346                  | 361                        |
| Chobe               | 207                                 | 230                         | 74,848                   | 325                        |
| MAUN REGION         | 1,225                               | 1,554                       | 520,834                  | 335                        |
| Gantsi              | 357                                 | 410                         | 147,827                  | 361                        |
| Hukuntsi            | 170                                 | 210                         | 64,620                   | 308                        |
| Tsabong             | 247                                 | 347                         | 89,200                   | 257                        |
| WESTERN REGION      | 774                                 | 967                         | 301,647                  | 312                        |
| TOTAL TRADITIONAL   | 19,399                              | 24,439                      | 7,986,483                | 327                        |

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

| District/<br>Region | Cattle Holdings |            | Cattle Holdings |            | Total<br>Holdings | Cattle Population |            | Cattle Population |            | Total Cattle<br>Population | Average Number of<br>Cattle Per Holding |
|---------------------|-----------------|------------|-----------------|------------|-------------------|-------------------|------------|-------------------|------------|----------------------------|-----------------------------------------|
|                     | Male Owned      | Percentage | Female Owned    | Percentage |                   | Male Owned        | Percentage | Female Owned      | Percentage |                            |                                         |
| Barolong            | 954             | 1.9        | 485             | 2.3        | 1,439             | 18,845            | 1.2        | 7,147             | 1.9        | 25,992                     | 18                                      |
| Ngwaketse South     | 1,553           | 3.0        | 677             | 3.3        | 2,230             | 31,950            | 2.0        | 10,081            | 2.7        | 42,031                     | 19                                      |
| Ngwaketse North     | 2,806           | 5.5        | 891             | 4.3        | 3,697             | 50,077            | 3.2        | 9,082             | 2.4        | 59,159                     | 16                                      |
| Ngwaketse Central   | 2,086           | 4.1        | 752             | 3.6        | 2,838             | 45,002            | 2.9        | 11,434            | 3.0        | 56,436                     | 20                                      |
| Ngwaketse West      | 1,882           | 3.7        | 481             | 2.3        | 2,363             | 63,971            | 4.1        | 11,183            | 3.0        | 75,154                     | 32                                      |
| SOUTHERN REGION     | 9,281           | 18.2       | 3,286           | 15.9       | 12,567            | 209,845           | 13.4       | 48,927            | 13.0       | 258,772                    | 21                                      |
| Bamalete/Tlokweng   | 1,298           | 2.5        | 291             | 1.4        | 1,589             | 21,893            | 1.4        | 4,421             | 1.2        | 26,314                     | 17                                      |
| Kweneng South       | 3,809           | 7.5        | 1,441           | 7.0        | 5,250             | 72,812            | 4.7        | 21,269            | 5.6        | 94,081                     | 18                                      |
| Kweneng North       | 1,868           | 3.7        | 500             | 2.4        | 2,368             | 67,114            | 4.3        | 10,308            | 2.7        | 77,422                     | 33                                      |
| Kweneng West        | 1,675           | 3.3        | 525             | 2.5        | 2,200             | 77,196            | 4.9        | 11,379            | 3.0        | 88,575                     | 40                                      |
| Kgatleng            | 2,645           | 5.2        | 1,541           | 7.4        | 4,186             | 74,443            | 4.8        | 28,140            | 7.5        | 102,583                    | 25                                      |
| GABORONE REGION     | 11,295          | 22.1       | 4,298           | 20.7       | 15,593            | 313,458           | 20.1       | 75,517            | 20.0       | 388,975                    | 25                                      |
| Mahalapye East      | 2,409           | 4.7        | 712             | 3.4        | 3,121             | 55,618            | 3.6        | 13,369            | 3.5        | 68,987                     | 22                                      |
| Mahalapye West      | 2,310           | 4.5        | 1,066           | 5.1        | 3,376             | 74,664            | 4.8        | 22,702            | 6.0        | 97,366                     | 29                                      |
| Palapye             | 1,756           | 3.4        | 911             | 4.4        | 2,667             | 45,244            | 2.9        | 16,931            | 4.5        | 62,175                     | 23                                      |
| Serowe              | 3,244           | 6.3        | 1,657           | 8.0        | 4,901             | 156,119           | 10.0       | 43,705            | 11.6       | 199,824                    | 41                                      |
| Bobonong            | 1,804           | 3.5        | 1,040           | 5.0        | 2,844             | 36,272            | 2.3        | 14,469            | 3.8        | 50,741                     | 18                                      |
| Lethakane           | 2,696           | 5.3        | 795             | 3.8        | 3,491             | 136,183           | 8.7        | 14,118            | 3.7        | 150,301                    | 43                                      |
| Selebi-Phikwe       | 1,613           | 3.2        | 922             | 4.4        | 2,535             | 50,718            | 3.2        | 13,565            | 3.6        | 64,283                     | 25                                      |
| CENTRAL REGION      | 15,832          | 31.0       | 7,103           | 34.3       | 22,935            | 554,818           | 35.5       | 138,859           | 36.8       | 693,677                    | 30                                      |
| Tati                | 1,644           | 3.2        | 710             | 3.4        | 2,354             | 20,229            | 1.3        | 4,929             | 1.3        | 25,158                     | 11                                      |
| Tutume              | 3,156           | 6.2        | 1,569           | 7.6        | 4,725             | 79,649            | 5.1        | 30,022            | 8.0        | 109,671                    | 23                                      |
| Tonota              | 1,527           | 3.0        | 713             | 3.4        | 2,240             | 42,651            | 2.7        | 11,923            | 3.2        | 54,574                     | 24                                      |
| FRANCISTOWN REGION  | 6,327           | 12.4       | 2,992           | 14.4       | 9,319             | 142,529           | 9.1        | 46,874            | 12.4       | 189,403                    | 20                                      |
| Ngamiland West      | 1,532           | 3.0        | 700             | 3.4        | 2,232             | 32,526            | 2.1        | 10,309            | 2.7        | 42,835                     | 19                                      |
| Ngamiland East      | 2,791           | 5.5        | 1,056           | 5.1        | 3,847             | 91,100            | 5.8        | 20,173            | 5.3        | 111,273                    | 29                                      |
| Chobe               | 412             | 0.8        | 254             | 1.2        | 666               | 13,757            | 0.9        | 4,719             | 1.3        | 18,476                     | 28                                      |
| MAUN REGION         | 4,735           | 9.3        | 2,010           | 9.7        | 6,745             | 137,383           | 8.8        | 35,201            | 9.3        | 172,584                    | 26                                      |
| Gantsi              | 1,459           | 2.9        | 472             | 2.3        | 1,931             | 105,898           | 6.8        | 16,415            | 4.4        | 122,313                    | 63                                      |
| Hukuntsi            | 1,077           | 2.1        | 184             | 0.9        | 1,261             | 46,287            | 3.0        | 5,128             | 1.4        | 51,415                     | 41                                      |
| Tsabong             | 1,090           | 2.1        | 385             | 1.9        | 1,475             | 52,543            | 3.4        | 10,245            | 2.7        | 62,788                     | 43                                      |
| WESTERN REGION      | 3,626           | 7.1        | 1,041           | 5.0        | 4,667             | 204,728           | 13.1       | 31,788            | 8.4        | 236,516                    | 51                                      |
| TOTAL TRADITIONAL   | 51,096          | 100.0      | 20,730          | 100.0      | 71,826            | 1,562,761         | 100.0      | 377,166           | 100.0      | 1,939,927                  | 27                                      |



TABLE 4.1B: CATTLE HOLDINGS AND POPULATION BY GENDER AND CATTLE HERD SIZE

| Cattle Herd Size  | Cattle Holdings |            | Cattle Holdings |            | Total Holdings | Cattle Population |            | Cattle Population |            | Total Cattle Population | Average Number of Cattle Per Holding |
|-------------------|-----------------|------------|-----------------|------------|----------------|-------------------|------------|-------------------|------------|-------------------------|--------------------------------------|
|                   | Male Owned      | Percentage | Female Owned    | Percentage |                | Male Owned        | Percentage | Female Owned      | Percentage |                         |                                      |
| 01 - 10           | 19,580          | 38.3       | 11,464          | 55.3       | 31,044         | 113,586           | 7.3        | 58,265            | 15.4       | 171,851                 | 6                                    |
| 11 - 20           | 11,825          | 23.1       | 4,553           | 22.0       | 16,378         | 178,463           | 11.4       | 67,806            | 18.0       | 246,269                 | 15                                   |
| 21 - 30           | 6,218           | 12.2       | 1,851           | 8.9        | 8,069          | 155,947           | 10.0       | 47,977            | 12.7       | 203,924                 | 25                                   |
| 31 - 40           | 3,716           | 7.3        | 942             | 4.5        | 4,658          | 132,792           | 8.5        | 32,986            | 8.7        | 165,778                 | 36                                   |
| 41 - 50           | 2,306           | 4.5        | 512             | 2.5        | 2,818          | 104,201           | 6.7        | 23,059            | 6.1        | 127,260                 | 45                                   |
| 51 - 60           | 1,693           | 3.3        | 299             | 1.4        | 1,992          | 94,135            | 6.0        | 16,550            | 4.4        | 110,685                 | 56                                   |
| 61 - 70           | 1,047           | 2.0        | 267             | 1.3        | 1,314          | 68,983            | 4.4        | 17,240            | 4.6        | 86,223                  | 66                                   |
| 71 - 80           | 934             | 1.8        | 161             | 0.8        | 1,095          | 70,301            | 4.5        | 12,059            | 3.2        | 82,360                  | 75                                   |
| 81 - 90           | 635             | 1.2        | 128             | 0.6        | 763            | 54,398            | 3.5        | 10,963            | 2.9        | 65,361                  | 86                                   |
| 91 - 100          | 528             | 1.0        | 96              | 0.5        | 624            | 50,698            | 3.2        | 9,192             | 2.4        | 59,890                  | 96                                   |
| 101 - 150         | 1,390           | 2.7        | 253             | 1.2        | 1,643          | 167,865           | 10.7       | 30,441            | 8.1        | 198,306                 | 121                                  |
| 151 - 200         | 447             | 0.9        | 80              | 0.4        | 527            | 77,881            | 5.0        | 13,891            | 3.7        | 91,772                  | 174                                  |
| 201 - 250         | 267             | 0.5        | 86              | 0.4        | 353            | 59,429            | 3.8        | 18,937            | 5.0        | 78,366                  | 222                                  |
| 251 - 300         | 160             | 0.3        | 7               | 0.0        | 167            | 43,854            | 2.8        | 1,975             | 0.5        | 45,829                  | 274                                  |
| 301 - 350         | 77              | 0.2        | 7               | 0.0        | 84             | 25,031            | 1.6        | 2,262             | 0.6        | 27,293                  | 325                                  |
| 351 - 400         | 60              | 0.1        | 3               | 0.0        | 63             | 22,888            | 1.5        | 1,077             | 0.3        | 23,965                  | 380                                  |
| 401+              | 213             | 0.4        | 21              | 0.1        | 234            | 142,309           | 9.1        | 12,486            | 3.3        | 154,795                 | 662                                  |
| TOTAL TRADITIONAL | 51,096          | 100.0      | 20,730          | 100.0      | 71,826         | 1,562,761         | 100.0      | 377,166           | 100.0      | 1,939,927               | 27                                   |

TABLE 4.1C: CATTLE HOLDINGS AND POPULATION BY GENDER AND AGE GROUP OF HOLDER

| Age Group of Holder | Cattle Holdings |            | Cattle Holdings |            | Total Holdings | Cattle Population |            | Cattle Population |            | Total Cattle Population | Average Number of Cattle Per Holding |
|---------------------|-----------------|------------|-----------------|------------|----------------|-------------------|------------|-------------------|------------|-------------------------|--------------------------------------|
|                     | Male Owned      | Percentage | Female Owned    | Percentage |                | Male Owned        | Percentage | Female Owned      | Percentage |                         |                                      |
| 12 - 14             | 2               | -          | -               | -          | 2              | 70                | -          | -                 | -          | 70                      | 35                                   |
| 15 - 19             | 26              | 0.1        | 11              | 0.1        | 37             | 276               | -          | 269               | 0.1        | 545                     | 15                                   |
| 20 - 24             | 252             | 0.5        | 123             | 0.6        | 375            | 3,686             | 0.2        | 1,702             | 0.5        | 5,388                   | 14                                   |
| 25 - 29             | 936             | 1.8        | 519             | 2.5        | 1,455          | 18,370            | 1.2        | 7,155             | 1.9        | 25,525                  | 18                                   |
| 30 - 34             | 1,777           | 3.5        | 655             | 3.2        | 2,432          | 42,797            | 2.7        | 10,055            | 2.7        | 52,852                  | 22                                   |
| 35 - 39             | 2,670           | 5.2        | 1,205           | 5.8        | 3,875          | 70,212            | 4.5        | 18,178            | 4.8        | 88,390                  | 23                                   |
| 40 - 44             | 4,317           | 8.4        | 1,582           | 7.6        | 5,899          | 124,196           | 7.9        | 22,272            | 5.9        | 146,468                 | 25                                   |
| 45 - 49             | 5,741           | 11.2       | 2,369           | 11.4       | 8,110          | 170,517           | 10.9       | 42,087            | 11.2       | 212,604                 | 26                                   |
| 50 - 54             | 6,616           | 12.9       | 2,178           | 10.5       | 8,794          | 206,986           | 13.2       | 39,427            | 10.5       | 246,413                 | 28                                   |
| 55 - 59             | 6,570           | 12.9       | 2,304           | 11.1       | 8,874          | 208,037           | 13.3       | 37,600            | 10.0       | 245,637                 | 28                                   |
| 60 - 64             | 6,090           | 11.9       | 2,159           | 10.4       | 8,249          | 199,485           | 12.8       | 42,511            | 11.3       | 241,996                 | 29                                   |
| 65 +                | 16,099          | 31.5       | 7,625           | 36.8       | 23,724         | 518,129           | 33.2       | 155,910           | 41.3       | 674,039                 | 28                                   |
| TOTAL TRADITIONAL.  | 51,096          | 100.0      | 20,730          | 100.0      | 71,826         | 1,562,761         | 100.0      | 377,166           | 100.0      | 1,939,927               | 27                                   |

TABLE 4.2A: CATTLE HERD COMPOSITION BY DISTRICT AND REGION

| District/Region    | Bulls  | Oxen    | Cows    | Tollies | Heifers | Males Calves | Females Calves | Cattle Population |
|--------------------|--------|---------|---------|---------|---------|--------------|----------------|-------------------|
| Barolong           | 507    | 2,089   | 10,967  | 4,628   | 2,658   | 2,461        | 2,682          | 25,992            |
| Ngwaketse South    | 932    | 2,856   | 19,410  | 6,358   | 4,216   | 3,687        | 4,572          | 42,031            |
| Ngwaketse North    | 1,363  | 6,380   | 25,798  | 9,267   | 7,086   | 4,505        | 4,760          | 59,159            |
| Ngwaketse Central  | 1,208  | 5,059   | 25,160  | 8,184   | 5,732   | 5,401        | 5,692          | 56,436            |
| Ngwaketse West     | 1,231  | 4,742   | 32,452  | 13,582  | 7,137   | 8,139        | 7,871          | 75,154            |
| SOUTHERN REGION    | 5,241  | 21,126  | 113,787 | 42,019  | 26,829  | 24,193       | 25,577         | 258,772           |
| Bamalete/Tlokweng  | 550    | 2,724   | 10,547  | 5,074   | 3,001   | 2,333        | 2,085          | 26,314            |
| Kweneng South      | 2,163  | 8,177   | 39,064  | 13,856  | 11,699  | 9,436        | 9,686          | 94,081            |
| Kweneng North      | 1,337  | 4,290   | 36,606  | 11,425  | 8,884   | 6,907        | 7,973          | 77,422            |
| Kweneng West       | 1,464  | 4,549   | 44,005  | 13,623  | 8,473   | 7,851        | 8,610          | 88,575            |
| Kgatleng           | 2,098  | 6,903   | 38,907  | 25,231  | 12,030  | 8,493        | 8,921          | 102,583           |
| GABORONE REGION    | 7,612  | 26,643  | 169,129 | 69,209  | 44,087  | 35,020       | 37,275         | 388,975           |
| Mahalapye East     | 1,411  | 6,716   | 31,886  | 12,015  | 7,275   | 4,817        | 4,867          | 68,987            |
| Mahalapye West     | 1,976  | 6,734   | 40,705  | 15,111  | 10,440  | 10,282       | 12,118         | 97,366            |
| Palapye            | 1,352  | 5,975   | 23,556  | 12,042  | 8,827   | 5,310        | 5,113          | 62,175            |
| Serowe             | 5,110  | 13,936  | 92,640  | 27,309  | 23,933  | 18,084       | 18,812         | 199,824           |
| Bobonong           | 1,264  | 4,153   | 21,058  | 12,464  | 5,585   | 2,874        | 3,343          | 50,741            |
| Lethakane          | 3,137  | 13,078  | 69,447  | 24,926  | 15,620  | 11,923       | 12,170         | 150,301           |
| Selebi-Phikwe      | 1,568  | 4,232   | 24,766  | 18,871  | 7,143   | 3,743        | 3,960          | 64,283            |
| CENTRAL REGION     | 15,818 | 54,824  | 304,058 | 122,738 | 78,823  | 57,033       | 60,383         | 693,677           |
| Tati               | 629    | 2,767   | 12,449  | 3,445   | 1,667   | 2,026        | 2,175          | 25,158            |
| Tutume             | 2,013  | 11,894  | 47,268  | 20,508  | 10,012  | 8,414        | 9,562          | 109,671           |
| Tonota             | 1,239  | 3,712   | 24,951  | 11,178  | 5,496   | 3,807        | 4,191          | 54,574            |
| FRANCISTOWN REGION | 3,881  | 18,373  | 84,668  | 35,131  | 17,175  | 14,247       | 15,928         | 189,403           |
| Ngamiland West     | 1,030  | 5,127   | 17,576  | 6,583   | 4,430   | 4,142        | 3,947          | 42,835            |
| Ngamiland East     | 2,625  | 9,318   | 51,209  | 15,547  | 11,522  | 10,138       | 10,914         | 111,273           |
| Chobe              | 484    | 1,674   | 8,219   | 2,694   | 1,970   | 1,607        | 1,828          | 18,476            |
| MAUN REGION        | 4,139  | 16,119  | 77,004  | 24,824  | 17,922  | 15,887       | 16,689         | 172,584           |
| Gantsi             | 2,180  | 4,233   | 54,630  | 21,668  | 12,847  | 12,378       | 14,377         | 122,313           |
| Hukuntsi           | 700    | 3,073   | 23,425  | 10,399  | 4,795   | 3,977        | 5,046          | 51,415            |
| Tsabong            | 888    | 2,816   | 30,966  | 9,617   | 5,456   | 6,141        | 6,904          | 62,788            |
| WESTERN REGION     | 3,768  | 10,122  | 109,021 | 41,684  | 23,098  | 22,496       | 26,327         | 236,516           |
| TOTAL TRADITIONAL  | 40,459 | 147,207 | 857,667 | 335,605 | 207,934 | 168,876      | 182,179        | 1,939,927         |

TABLE 4.2B: CATTLE HERD COMPOSITION BY CATTLE HERD SIZE

| Cattle Herd Size         | Bulls         | Oxen           | Cows           | Tollies        | Heifers        | Males Calves   | Females Calves | Cattle Population |
|--------------------------|---------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|
| 01 - 10                  | 4,444         | 14,962         | 81,204         | 28,184         | 14,236         | 13,748         | 15,073         | 171,851           |
| 11 - 20                  | 6,402         | 21,210         | 101,968        | 45,870         | 25,768         | 21,924         | 23,127         | 246,269           |
| 21 - 30                  | 4,905         | 17,323         | 85,181         | 36,638         | 23,425         | 17,784         | 18,668         | 203,924           |
| 31 - 40                  | 3,910         | 13,232         | 71,298         | 29,075         | 18,051         | 14,502         | 15,710         | 165,778           |
| 41 - 50                  | 3,110         | 9,164          | 54,778         | 23,464         | 13,937         | 10,881         | 11,926         | 127,260           |
| 51 - 60                  | 2,350         | 8,223          | 49,749         | 18,405         | 12,220         | 9,009          | 10,729         | 110,685           |
| 61 - 70                  | 1,804         | 7,286          | 38,202         | 14,307         | 8,723          | 7,791          | 8,110          | 86,223            |
| 71 - 80                  | 1,745         | 6,115          | 36,749         | 13,695         | 8,905          | 7,428          | 7,723          | 82,360            |
| 81 - 90                  | 1,217         | 4,209          | 30,382         | 10,662         | 7,405          | 5,497          | 5,989          | 65,361            |
| 91 - 100                 | 1,166         | 3,834          | 26,068         | 10,503         | 6,735          | 5,533          | 6,051          | 59,890            |
| 101 - 150                | 3,487         | 15,477         | 90,630         | 32,031         | 21,001         | 17,466         | 18,214         | 198,306           |
| 151 - 200                | 1,487         | 6,350          | 41,912         | 16,074         | 10,197         | 7,373          | 8,379          | 91,772            |
| 201 - 250                | 1,027         | 5,054          | 35,754         | 12,628         | 9,365          | 7,336          | 7,202          | 78,366            |
| 251 - 300                | 664           | 3,019          | 20,126         | 7,970          | 5,017          | 4,177          | 4,856          | 45,829            |
| 301 - 350                | 320           | 1,479          | 12,514         | 3,554          | 3,302          | 2,937          | 3,187          | 27,293            |
| 351 - 400                | 282           | 1,248          | 10,943         | 4,141          | 2,951          | 2,104          | 2,296          | 23,965            |
| 401+                     | 2,139         | 9,022          | 70,209         | 28,404         | 16,696         | 13,386         | 14,939         | 154,795           |
| <b>TOTAL TRADITIONAL</b> | <b>40,459</b> | <b>147,207</b> | <b>857,667</b> | <b>335,605</b> | <b>207,934</b> | <b>168,876</b> | <b>182,179</b> | <b>1,939,927</b>  |

TABLE 4.2C: PERCENTAGE: CATTLE HERD COMPOSITION BY CATTLE HERD SIZE

| Cattle Herd Size         | Bulls      | Oxen       | Cows        | Tollies     | Heifers     | Males Calves | Females Calves | Cattle Population |
|--------------------------|------------|------------|-------------|-------------|-------------|--------------|----------------|-------------------|
| 01 - 10                  | 2.6        | 8.7        | 47.3        | 16.4        | 8.3         | 8.0          | 8.8            | 100.0             |
| 11 - 20                  | 2.6        | 8.6        | 41.4        | 18.6        | 10.5        | 8.9          | 9.4            | 100.0             |
| 21 - 30                  | 2.4        | 8.5        | 41.8        | 18.0        | 11.5        | 8.7          | 9.2            | 100.0             |
| 31 - 40                  | 2.4        | 8.0        | 43.0        | 17.5        | 10.9        | 8.7          | 9.5            | 100.0             |
| 41 - 50                  | 2.4        | 7.2        | 43.0        | 18.4        | 11.0        | 8.6          | 9.4            | 100.0             |
| 51 - 60                  | 2.1        | 7.4        | 44.9        | 16.6        | 11.0        | 8.1          | 9.7            | 100.0             |
| 61 - 70                  | 2.1        | 8.5        | 44.3        | 16.6        | 10.1        | 9.0          | 9.4            | 100.0             |
| 71 - 80                  | 2.1        | 7.4        | 44.6        | 16.6        | 10.8        | 9.0          | 9.4            | 100.0             |
| 81 - 90                  | 1.9        | 6.4        | 46.5        | 16.3        | 11.3        | 8.4          | 9.2            | 100.0             |
| 91 - 100                 | 1.9        | 6.4        | 43.5        | 17.5        | 11.2        | 9.2          | 10.1           | 100.0             |
| 101 - 150                | 1.8        | 7.8        | 45.7        | 16.2        | 10.6        | 8.8          | 9.2            | 100.0             |
| 151 - 200                | 1.6        | 6.9        | 45.7        | 17.5        | 11.1        | 8.0          | 9.1            | 100.0             |
| 201 - 250                | 1.3        | 6.4        | 45.6        | 16.1        | 12.0        | 9.4          | 9.2            | 100.0             |
| 251 - 300                | 1.4        | 6.6        | 43.9        | 17.4        | 10.9        | 9.1          | 10.6           | 100.0             |
| 301 - 350                | 1.2        | 5.4        | 45.9        | 13.0        | 12.1        | 10.8         | 11.7           | 100.0             |
| 351 - 400                | 1.2        | 5.2        | 45.7        | 17.3        | 12.3        | 8.8          | 9.6            | 100.0             |
| 401+                     | 1.4        | 5.8        | 45.4        | 18.3        | 10.8        | 8.6          | 9.7            | 100.0             |
| <b>TOTAL TRADITIONAL</b> | <b>2.1</b> | <b>7.6</b> | <b>44.2</b> | <b>17.3</b> | <b>10.7</b> | <b>8.7</b>   | <b>9.4</b>     | <b>100.0</b>      |

TABLE 4.3: CATTLE HOLDINGS BY TYPE OF BREED, DISTRICT AND REGION

| District/Region    | Semintal | Charolais | Jersey | Tuli | Friesian | Brahman | Crosses | Tswana | Brown Swiss | Afrikander | Santa Getrudis | Other |
|--------------------|----------|-----------|--------|------|----------|---------|---------|--------|-------------|------------|----------------|-------|
| Barolong           | 102      | 6         | 5      | 7    | 14       | 281     | 192     | 1,199  | 37          | 39         | -              | 15    |
| Ngwaketse South    | 80       | 3         | 4      | 1    | 1        | 219     | 702     | 1,836  | 16          | 21         | -              | 7     |
| Ngwaketse North    | 136      | 7         | 4      | 8    | 3        | 226     | 341     | 3,521  | 43          | 69         | -              | 12    |
| Ngwaketse Central  | 268      | 65        | -      | 9    | 12       | 388     | 622     | 2,350  | 103         | 42         | -              | 6     |
| Ngwaketse West     | 203      | 94        | 5      | 15   | 7        | 334     | 575     | 1,930  | 52          | 63         | 4              | 34    |
| SOUTHERN REGION    | 789      | 175       | 18     | 40   | 37       | 1,448   | 2,432   | 10,836 | 251         | 234        | 4              | 74    |
| Bamalete/Tlokweng  | 79       | 11        | 5      | 16   | 24       | 236     | 310     | 1,318  | 38          | 27         | -              | 21    |
| Kweneng South      | 262      | 82        | 20     | -    | 29       | 784     | 851     | 4,700  | 54          | 54         | -              | -     |
| Kweneng North      | 305      | 170       | 4      | 13   | 19       | 580     | 668     | 1,970  | 53          | 53         | 15             | 17    |
| Kweneng West       | 271      | 172       | 4      | 1    | 6        | 476     | 835     | 1,627  | 35          | 29         | 6              | 33    |
| Kgatleng           | 211      | 39        | 3      | 3    | 42       | 471     | 777     | 3,471  | 20          | 46         | 2              | 70    |
| GABORONE REGION    | 1,128    | 474       | 36     | 33   | 120      | 2,547   | 3,441   | 13,086 | 200         | 209        | 23             | 141   |
| Mahalapye East     | 143      | 41        | -      | 4    | -        | 359     | 687     | 2,627  | 44          | 36         | 9              | 30    |
| Mahalapye West     | 220      | 46        | -      | 8    | 5        | 542     | 856     | 2,721  | 51          | 22         | 20             | 48    |
| Palapye            | 153      | 12        | 13     | 13   | 27       | 212     | 384     | 2,400  | 67          | 41         | 24             | 53    |
| Serowe             | 338      | 109       | 2      | 16   | 32       | 824     | 1,128   | 3,935  | 94          | 8          | 22             | 115   |
| Bobonong           | 109      | 17        | -      | 14   | 3        | 507     | 714     | 2,021  | 53          | 19         | 3              | 45    |
| Lethakane          | 341      | 125       | -      | 2    | 6        | 694     | 892     | 3,000  | 13          | 5          | 16             | 186   |
| Selebi-Phikwe      | 69       | 47        | 9      | 4    | -        | 319     | 628     | 1,923  | 65          | 25         | -              | 10    |
| CENTRAL REGION     | 1,373    | 397       | 24     | 61   | 73       | 3,457   | 5,289   | 18,627 | 387         | 156        | 94             | 487   |
| Tati               | 72       | 23        | -      | 28   | -        | 252     | 461     | 1,920  | 49          | 39         | -              | 9     |
| Tutume             | 102      | 5         | 2      | 15   | 3        | 683     | 1,121   | 4,169  | 9           | 87         | 12             | 32    |
| Tonota             | 82       | 30        | 7      | -    | 12       | 303     | 604     | 1,767  | 24          | 23         | 2              | 2     |
| FRANCISTOWN REGION | 256      | 58        | 9      | 43   | 15       | 1,238   | 2,186   | 7,856  | 82          | 149        | 14             | 43    |
| Ngamiland West     | 224      | 41        | 2      | 33   | 9        | 591     | 450     | 1,433  | 47          | 19         | -              | -     |
| Ngamiland East     | 654      | 116       | 19     | 55   | 23       | 1,217   | 1,418   | 2,409  | 52          | 78         | 28             | 93    |
| Chobe              | 1        | 8         | 0      | 13   | 2        | 55      | 56      | 641    | -           | -          | -              | -     |
| MAUN REGION        | 879      | 165       | 21     | 101  | 34       | 1,863   | 1,924   | 4,483  | 99          | 97         | 28             | 93    |
| Gantsi             | 700      | 78        | 1      | 5    | 8        | 798     | 531     | 928    | 24          | 47         | 33             | 184   |
| Hukuntsi           | 134      | 49        | -      | 1    | -        | 207     | 751     | 564    | 10          | 3          | -              | 56    |
| Tsabong            | 182      | 79        | -      | -    | 3        | 281     | 658     | 739    | 64          | 77         | 8              | 59    |
| WESTERN REGION     | 1,016    | 206       | 1      | 6    | 11       | 1,286   | 1,940   | 2,231  | 98          | 127        | 41             | 299   |
| TOTAL TRADITIONAL  | 5,441    | 1,475     | 109    | 284  | 290      | 11,839  | 17,212  | 57,119 | 1,117       | 972        | 204            | 1,137 |

TABLE 4.4: CATTLE POPULATION BY TYPE OF BREED, DISTRICT AND REGION

| District/Region     | Semintal | Charolais | Jersey | Tuli  | Friesian | Brahman | Crosses | Tswana    | Brown Swiss | Afrikander | Santa Getrudis | Other  | Total Cattle |
|---------------------|----------|-----------|--------|-------|----------|---------|---------|-----------|-------------|------------|----------------|--------|--------------|
| Barolong            | 1,129    | 6         | 7      | 27    | 79       | 5,106   | 3,489   | 15,070    | 421         | 489        | -              | 169    | 25,992       |
| Ngwaketse South     | 792      | 105       | 4      | 10    | 1        | 2,620   | 13,126  | 25,032    | 248         | 45         | -              | 48     | 42,031       |
| Ngwaketse North     | 787      | 240       | 4      | 12    | 95       | 1,653   | 3,685   | 51,782    | 490         | 373        | -              | 38     | 59,159       |
| Ngwaketse Central   | 3,739    | 297       | -      | 18    | 228      | 3,683   | 12,460  | 35,047    | 414         | 541        | -              | 9      | 56,436       |
| Ngwaketse West      | 2,364    | 624       | 31     | 74    | 243      | 3,760   | 21,324  | 44,014    | 971         | 386        | 8              | 1355   | 75,154       |
| SOUTHERN REGION     | 8,811    | 1,272     | 46     | 141   | 646      | 16,822  | 54,084  | 170,945   | 2,544       | 1,834      | 8              | 1,619  | 258,772      |
| Bamalete/Tlokweneng | 223      | 55        | 16     | 191   | 475      | 1,895   | 3,922   | 18,754    | 72          | 208        | -              | 503    | 26,314       |
| Kweneng South       | 1,046    | 778       | 20     | -     | 157      | 11,943  | 17,374  | 62,217    | 486         | 60         | -              | -      | 94,081       |
| Kweneng North       | 3,183    | 3,186     | 124    | 13    | 67       | 17,912  | 19,784  | 32,062    | 361         | 563        | 127            | 40     | 77,422       |
| Kweneng West        | 4,923    | 2,932     | 24     | 7     | 39       | 12,256  | 33,082  | 33,481    | 260         | 1,074      | 117            | 380    | 88,575       |
| Kgatleng            | 7,928    | 240       | 3      | 65    | 441      | 6,339   | 24,470  | 61,050    | 153         | 1,032      | 2              | 860    | 102,583      |
| GABORONE REGION     | 17,303   | 7,191     | 187    | 276   | 1,179    | 50,345  | 98,632  | 207,564   | 1,332       | 2,937      | 246            | 1,783  | 388,975      |
| Mahalapye East      | 952      | 89        | -      | 84    | -        | 4,533   | 16,126  | 45,560    | 563         | 892        | 16             | 172    | 68,987       |
| Mahalapye West      | 578      | 355       | -      | 8     | 5        | 12,332  | 27,844  | 55,317    | 382         | 58         | 319            | 168    | 97,366       |
| Palapye             | 2,482    | 12        | 25     | 27    | 82       | 3,183   | 12,396  | 41,702    | 519         | 826        | 100            | 821    | 62,175       |
| Serowe              | 5,196    | 5,880     | 2      | 308   | 260      | 30,620  | 64,516  | 89,541    | 1,135       | 16         | 636            | 1714   | 199,824      |
| Bobonong            | 1,054    | 187       | -      | 14    | 3        | 8,886   | 15,097  | 24,547    | 653         | 40         | 3              | 257    | 50,741       |
| Letlhakane          | 16,352   | 2,604     | -      | 2     | 414      | 19,048  | 35,262  | 74,678    | 123         | 51         | 161            | 1606   | 150,301      |
| Selebi-Phikwe       | 1,299    | 137       | 19     | 8     | -        | 5,108   | 24,567  | 31,880    | 374         | 877        | -              | 14     | 64,283       |
| CENTRAL REGION      | 27,913   | 9,264     | 46     | 451   | 764      | 83,710  | 195,808 | 363,225   | 3,749       | 2,760      | 1,235          | 4,752  | 693,677      |
| Tati                | 340      | 23        | -      | 28    | -        | 954     | 7,461   | 16,081    | 95          | 113        | -              | 63     | 25,158       |
| Tutume              | 1,077    | 20        | 2      | 15    | 8        | 10,230  | 27,167  | 68,592    | 388         | 335        | 12             | 1825   | 109,671      |
| Tonota              | 948      | 37        | 7      | -     | 12       | 2,572   | 17,863  | 32,284    | 333         | 115        | 2              | 401    | 54,574       |
| FRANCISTOWN REGION  | 2,365    | 80        | 9      | 43    | 20       | 13,756  | 52,491  | 116,957   | 816         | 563        | 14             | 2,289  | 189,403      |
| Ngamiland West      | 3,100    | 1,083     | 12     | 83    | 30       | 6,767   | 8,924   | 20,878    | 1,939       | 19         | -              | -      | 42,835       |
| Ngamiland East      | 9,473    | 352       | 79     | 228   | 293      | 18,514  | 40,098  | 40,864    | 485         | 334        | 63             | 490    | 111,273      |
| Chobe               | 48       | 8         | -      | 19    | 140      | 291     | 1,359   | 16,611    | -           | -          | -              | -      | 18,476       |
| MAUN REGION         | 12,621   | 1,443     | 91     | 330   | 463      | 25,572  | 50,381  | 78,353    | 2,424       | 353        | 63             | 490    | 172,584      |
| Gantsi              | 22,661   | 3,087     | 7      | 162   | 8        | 23,988  | 30,868  | 33,233    | 565         | 1,449      | 1559           | 4726   | 122,313      |
| Hukuntsi            | 165      | 64        | -      | 1     | -        | 783     | 32,155  | 18,166    | 16          | 5          | -              | 60     | 51,415       |
| Tsabong             | 3,717    | 90        | -      | -     | 162      | 7,027   | 36,190  | 14,140    | 819         | 550        | 12             | 81     | 62,788       |
| WESTERN REGION      | 26,543   | 3,241     | 7      | 163   | 170      | 31,798  | 99,213  | 65,539    | 1,400       | 2,004      | 1,571          | 4,867  | 236,516      |
| TOTAL TRADITIONAL   | 95,556   | 22,491    | 386    | 1,404 | 3,242    | 222,003 | 550,609 | 1,002,583 | 12,265      | 10,451     | 3,137          | 15,800 | 1,939,927    |

TABLE 4.5A: CATTLE INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT AND REGION

| District/Region    | Sales   | Home Slaughter | Purchases | Offtake | Births  | Deaths  | Given Away | Losses  | Eradication |
|--------------------|---------|----------------|-----------|---------|---------|---------|------------|---------|-------------|
| Barolong           | 1,286   | 576            | 271       | 1,591   | 6,836   | 3,772   | 104        | 979     | 12          |
| Ngwaketse South    | 2,320   | 1,033          | 436       | 2,917   | 10,108  | 3,871   | 718        | 2,107   | 13          |
| Ngwaketse North    | 3,039   | 1,533          | 844       | 3,728   | 12,207  | 6,272   | 982        | 2,109   | 239         |
| Ngwaketse Central  | 3,770   | 1,334          | 704       | 4,400   | 15,240  | 7,196   | 741        | 2,912   | 249         |
| Ngwaketse West     | 5,925   | 1,120          | 807       | 6,238   | 20,940  | 8,125   | 968        | 5,183   | 345         |
| SOUTHERN REGION    | 16,340  | 5,596          | 3,062     | 18,874  | 65,331  | 29,236  | 3,513      | 13,290  | 858         |
| Bamalete/Tlokweng  | 1,877   | 650            | 856       | 1,671   | 5,982   | 3,322   | 153        | 1,056   | 201         |
| Kweneng South      | 7,744   | 2,262          | 855       | 9,151   | 23,946  | 9,293   | 1,240      | 3,983   | -           |
| Kweneng North      | 4,874   | 1,257          | 1,499     | 4,632   | 18,745  | 6,453   | 656        | 2,736   | 1           |
| Kweneng West       | 6,841   | 1,263          | 1,197     | 6,907   | 20,817  | 7,868   | 1,464      | 6,525   | -           |
| Kgatleng           | 6,672   | 1,621          | 1,334     | 6,959   | 26,238  | 13,616  | 784        | 11,950  | 87          |
| GABORONE REGION    | 28,008  | 7,053          | 5,741     | 29,320  | 95,728  | 40,552  | 4,297      | 26,250  | 289         |
| Mahalapye East     | 3,950   | 1,691          | 1,039     | 4,602   | 12,800  | 9,238   | 380        | 5,991   | 43          |
| Mahalapye West     | 8,042   | 1,832          | 714       | 9,160   | 25,431  | 6,674   | 184        | 8,399   | 23          |
| Palapye            | 4,852   | 1,080          | 268       | 5,664   | 14,335  | 5,591   | 266        | 5,554   | 190         |
| Serowe             | 12,515  | 2,329          | 1,103     | 13,741  | 42,487  | 12,072  | 198        | 11,165  | 121         |
| Bobonong           | 4,883   | 937            | 820       | 5,000   | 10,994  | 11,265  | 655        | 7,278   | 74          |
| Lethakane          | 13,879  | 1,764          | 1,073     | 14,570  | 39,296  | 31,300  | 476        | 16,054  | 86          |
| Selebi-Phikwe      | 6,284   | 1,528          | 978       | 6,834   | 12,870  | 18,674  | 396        | 10,809  | 4           |
| CENTRAL REGION     | 54,405  | 11,161         | 5,995     | 59,571  | 158,213 | 94,814  | 2,555      | 65,250  | 541         |
| Tati               | 1,462   | 612            | 2,425     | (351)   | 5,641   | 6,476   | -          | 1,685   | 66          |
| Tutume             | 5,867   | 1,692          | 844       | 6,715   | 26,443  | 27,295  | 205        | 11,837  | 50          |
| Tonota             | 4,847   | 848            | 531       | 5,164   | 10,367  | 6,660   | 112        | 5,656   | 200         |
| FRANCISTOWN REGION | 12,176  | 3,152          | 3,800     | 11,528  | 42,451  | 40,431  | 317        | 19,178  | 316         |
| Ngamiland West     | 1,676   | 217            | 421       | 1,472   | 9,362   | 3,267   | 25         | 889     | 30          |
| Ngamiland East     | 10,935  | 1,677          | 3,160     | 9,452   | 26,038  | 9,743   | 526        | 6,805   | 21          |
| Chobe              | 429     | 324            | 189       | 564     | 4,142   | 1,324   | 127        | 557     | 66          |
| MAUN REGION        | 13,040  | 2,218          | 3,770     | 11,488  | 39,542  | 14,334  | 678        | 8,251   | 117         |
| Gantsi             | 14,160  | 1,120          | 1,317     | 13,963  | 32,389  | 8,502   | 1,147      | 6,372   | 11          |
| Hukuntsi           | 4,049   | 462            | 381       | 4,130   | 14,730  | 7,867   | 236        | 7,839   | -           |
| Tsabong            | 6,221   | 698            | 1,095     | 5,824   | 18,420  | 9,698   | 111        | 5,269   | -           |
| WESTERN REGION     | 24,430  | 2,280          | 2,793     | 23,917  | 65,539  | 26,067  | 1,494      | 19,480  | 11          |
| TOTAL TRADITIONAL  | 148,399 | 31,460         | 25,161    | 154,698 | 466,804 | 245,434 | 12,854     | 151,699 | 2,132       |

TABLE 4.5B: PERCENTAGE: CATTLE INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT AND REGION

| District/Region    | Sales | Home Slaughter | Purchases | Offtake Rate | Births Rate | Deaths Rate | Given Away | Losses | Eradication |
|--------------------|-------|----------------|-----------|--------------|-------------|-------------|------------|--------|-------------|
| Barolong           | 4.9   | 2.2            | 1.0       | 6.1          | 62.3        | 14.5        | 0.4        | 3.8    | 0.0         |
| Ngwaketse South    | 5.5   | 2.5            | 1.0       | 6.9          | 52.1        | 9.2         | 1.7        | 5.0    | 0.0         |
| Ngwaketse North    | 5.1   | 2.6            | 1.4       | 6.3          | 47.3        | 10.6        | 1.7        | 3.6    | 0.4         |
| Ngwaketse Central  | 6.7   | 2.4            | 1.2       | 7.8          | 60.6        | 12.8        | 1.3        | 5.2    | 0.4         |
| Ngwaketse West     | 7.9   | 1.5            | 1.1       | 8.3          | 64.5        | 10.8        | 1.3        | 6.9    | 0.5         |
| SOUTHERN REGION    | 6.3   | 2.2            | 1.2       | 7.3          | 57.4        | 11.3        | 1.4        | 5.1    | 0.3         |
| Bamalete/Tlokwen   | 7.1   | 2.5            | 3.3       | 6.4          | 56.7        | 12.6        | 0.6        | 4.0    | 0.8         |
| Kweneng South      | 8.2   | 2.4            | 0.9       | 9.7          | 61.3        | 9.9         | 1.3        | 4.2    | -           |
| Kweneng North      | 6.3   | 1.6            | 1.9       | 6.0          | 51.2        | 8.3         | 0.8        | 3.5    | 0.0         |
| Kweneng West       | 7.7   | 1.4            | 1.4       | 7.8          | 47.3        | 8.9         | 1.7        | 7.4    | -           |
| Kgatleng           | 6.5   | 1.6            | 1.3       | 6.8          | 67.4        | 13.3        | 0.8        | 11.6   | 0.1         |
| GABORONE REGION    | 7.2   | 1.8            | 1.5       | 7.5          | 56.6        | 10.4        | 1.1        | 6.7    | 0.1         |
| Mahalapye East     | 5.7   | 2.5            | 1.5       | 6.7          | 40.1        | 13.4        | 0.6        | 8.7    | 0.1         |
| Mahalapye West     | 8.3   | 1.9            | 0.7       | 9.4          | 62.5        | 6.9         | 0.2        | 8.6    | 0.0         |
| Palapye            | 7.8   | 1.7            | 0.4       | 9.1          | 60.9        | 9.0         | 0.4        | 8.9    | 0.3         |
| Serowe             | 6.3   | 1.2            | 0.6       | 6.9          | 45.9        | 6.0         | 0.1        | 5.6    | 0.1         |
| Bobonong           | 9.6   | 1.8            | 1.6       | 9.9          | 52.2        | 22.2        | 1.3        | 14.3   | 0.1         |
| Lethakane          | 9.2   | 1.2            | 0.7       | 9.7          | 56.6        | 20.8        | 0.3        | 10.7   | 0.1         |
| Selebi-Phikwe      | 9.8   | 2.4            | 1.5       | 10.6         | 52.0        | 29.0        | 0.6        | 16.8   | 0.0         |
| CENTRAL REGION     | 7.8   | 1.6            | 0.9       | 8.6          | 52.0        | 13.7        | 0.4        | 9.4    | 0.1         |
| Tati               | 5.8   | 2.4            | 9.6       | (1.4)        | 45.3        | 25.7        | -          | 6.7    | 0.3         |
| Tutume             | 5.3   | 1.5            | 0.8       | 6.1          | 55.9        | 24.9        | 0.2        | 10.8   | 0.0         |
| Tonota             | 8.9   | 1.6            | 1.0       | 9.5          | 41.5        | 12.2        | 0.2        | 10.4   | 0.4         |
| FRANCISTOWN REGION | 6.4   | 1.7            | 2.0       | 6.1          | 50.1        | 21.3        | 0.2        | 10.1   | 0.2         |
| Ngamiland West     | 3.9   | 0.5            | 1.0       | 3.4          | 53.3        | 7.6         | 0.1        | 2.1    | 0.1         |
| Ngamiland East     | 9.8   | 1.5            | 2.8       | 8.5          | 50.8        | 8.8         | 0.5        | 6.1    | 0.0         |
| Chobe              | 2.3   | 1.8            | 1.0       | 3.1          | 50.4        | 7.2         | 0.7        | 3.0    | 0.4         |
| MAUN REGION        | 7.6   | 1.3            | 2.2       | 6.7          | 51.4        | 8.3         | 0.4        | 4.8    | 0.1         |
| Gantsi             | 11.6  | 0.9            | 1.1       | 11.4         | 59.3        | 7.0         | 0.9        | 5.2    | 0.0         |
| Hukuntsi           | 7.9   | 0.9            | 0.7       | 8.0          | 62.9        | 15.3        | 0.5        | 15.2   | -           |
| Tsabong            | 9.9   | 1.1            | 1.7       | 9.3          | 59.5        | 15.4        | 0.2        | 8.4    | -           |
| WESTERN REGION     | 10.3  | 1.0            | 1.2       | 10.1         | 60.1        | 11.0        | 0.6        | 8.2    | 0.0         |
| TOTAL TRADITIONAL  | 7.6   | 1.6            | 1.3       | 8.0          | 54.4        | 12.7        | 0.7        | 7.8    | 0.1         |

TABLE 4.5C: CATTLE INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY CATTLE HERD SIZE

| Cattle Herd Size         | Sales          | Home Slaughter | Purchases     | Offtake        | Births         | Deaths         | Given Away    | Losses         | Eradication  |
|--------------------------|----------------|----------------|---------------|----------------|----------------|----------------|---------------|----------------|--------------|
| 01 - 10                  | 11,777         | 7,564          | 4,221         | 15,120         | 50,383         | 61,901         | 2,371         | 31,539         | 651          |
| 11 - 20                  | 18,713         | 6,355          | 5,626         | 19,442         | 66,336         | 46,953         | 2,594         | 27,522         | 637          |
| 21 - 30                  | 13,175         | 3,965          | 2,529         | 14,611         | 48,655         | 24,643         | 1,193         | 16,500         | 185          |
| 31 - 40                  | 12,794         | 2,867          | 1,900         | 13,761         | 40,933         | 20,695         | 1,133         | 13,770         | 147          |
| 41 - 50                  | 9,507          | 1,945          | 689           | 10,763         | 29,800         | 13,332         | 1,076         | 10,121         | 69           |
| 51 - 60                  | 8,016          | 1,170          | 869           | 8,317          | 25,389         | 11,390         | 653           | 6,552          | 87           |
| 61 - 70                  | 8,278          | 1,381          | 3,289         | 6,370          | 19,451         | 8,812          | 486           | 4,557          | 19           |
| 71 - 80                  | 6,775          | 903            | 701           | 6,977          | 18,392         | 6,276          | 671           | 5,083          | 28           |
| 81 - 90                  | 4,554          | 661            | 377           | 4,838          | 15,619         | 6,187          | 250           | 4,326          | 40           |
| 91 - 100                 | 5,027          | 518            | 673           | 4,872          | 14,783         | 5,449          | 331           | 2,808          | 4            |
| 101 - 150                | 15,886         | 2,017          | 2,182         | 15,721         | 45,002         | 14,865         | 1,088         | 10,921         | 143          |
| 151 - 200                | 8,127          | 535            | 769           | 7,893          | 19,611         | 7,669          | 273           | 4,744          | 66           |
| 201 - 250                | 5,412          | 516            | 362           | 5,566          | 18,312         | 7,287          | 301           | 4,484          | 38           |
| 251 - 300                | 3,981          | 278            | 339           | 3,920          | 10,325         | 2,487          | 107           | 1,695          | 2            |
| 301 - 350                | 1,842          | 163            | 96            | 1,909          | 6,751          | 1,179          | 41            | 769            | 8            |
| 351 - 400                | 1,289          | 147            | 40            | 1,396          | 4,956          | 661            | 18            | 1,034          | 0            |
| 401+                     | 13,246         | 475            | 499           | 13,222         | 32,106         | 5,648          | 268           | 5,274          | 8            |
| <b>TOTAL TRADITIONAL</b> | <b>148,399</b> | <b>31,460</b>  | <b>25,161</b> | <b>154,698</b> | <b>466,804</b> | <b>245,434</b> | <b>12,854</b> | <b>151,699</b> | <b>2,132</b> |

TABLE 4.5D: PERCENTAGE: CATTLE INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY CATTLE HERD SIZE

| Cattle Herd Size         | Sales      | Home Slaughter | Purchases  | Offtake Rate | Births Rate | Deaths Rate | Given Away | Losses     | Eradication |
|--------------------------|------------|----------------|------------|--------------|-------------|-------------|------------|------------|-------------|
| 01 - 10                  | 6.9        | 4.4            | 2.5        | 29.3         | 76.2        | 1.4         | 18.4       | 0.4        | 0.4         |
| 11 - 20                  | 7.6        | 2.6            | 2.3        | 26.9         | 46.0        | 1.1         | 11.2       | 0.3        | 0.3         |
| 21 - 30                  | 6.5        | 1.9            | 1.2        | 23.9         | 28.9        | 0.6         | 8.1        | 0.1        | 0.1         |
| 31 - 40                  | 7.7        | 1.7            | 1.1        | 24.7         | 29.0        | 0.7         | 8.3        | 0.1        | 0.1         |
| 41 - 50                  | 7.5        | 1.5            | 0.5        | 23.4         | 24.3        | 0.8         | 8.0        | 0.1        | 0.1         |
| 51 - 60                  | 7.2        | 1.1            | 0.8        | 22.9         | 22.9        | 0.6         | 5.9        | 0.1        | 0.1         |
| 61 - 70                  | 9.6        | 1.6            | 3.8        | 22.6         | 23.1        | 0.6         | 5.3        | 0.0        | 0.0         |
| 71 - 80                  | 8.2        | 1.1            | 0.9        | 22.3         | 17.1        | 0.8         | 6.2        | 0.0        | 0.0         |
| 81 - 90                  | 7.0        | 1.0            | 0.6        | 23.9         | 20.4        | 0.4         | 6.6        | 0.1        | 0.1         |
| 91 - 100                 | 8.4        | 0.9            | 1.1        | 24.7         | 20.9        | 0.6         | 4.7        | 0.0        | 0.0         |
| 101 - 150                | 8.0        | 1.0            | 1.1        | 22.7         | 16.4        | 0.5         | 5.5        | 0.1        | 0.1         |
| 151 - 200                | 8.9        | 0.6            | 0.8        | 21.4         | 18.3        | 0.3         | 5.2        | 0.1        | 0.1         |
| 201 - 250                | 6.9        | 0.7            | 0.5        | 23.4         | 20.4        | 0.4         | 5.7        | 0.0        | 0.0         |
| 251 - 300                | 8.7        | 0.6            | 0.7        | 22.5         | 12.4        | 0.2         | 3.7        | 0.0        | 0.0         |
| 301 - 350                | 6.7        | 0.6            | 0.4        | 24.7         | 9.4         | 0.2         | 2.8        | 0.0        | 0.0         |
| 351 - 400                | 5.4        | 0.6            | 0.2        | 20.7         | 6.0         | 0.1         | 4.3        | 0.0        | 0.0         |
| 401+                     | 8.6        | 0.3            | 0.3        | 20.7         | 8.0         | 0.2         | 3.4        | 0.0        | 0.0         |
| <b>TOTAL TRADITIONAL</b> | <b>7.6</b> | <b>1.6</b>     | <b>1.3</b> | <b>8.0</b>   | <b>54.4</b> | <b>12.7</b> | <b>0.7</b> | <b>7.8</b> | <b>0.1</b>  |



TABLE 4.6: CATTLE SALES BY VARIOUS BUYERS, DISTRICT AND REGION

| District/<br>Region | BMC    | Municipal<br>Abattoir | BMC<br>Agent | Auction<br>Sale | Government<br>Restocking | Another<br>Farmer | Local<br>Abattoir | Trader | Butchery | Feedlot | Other | Total Cattle<br>Sales |
|---------------------|--------|-----------------------|--------------|-----------------|--------------------------|-------------------|-------------------|--------|----------|---------|-------|-----------------------|
| Barolong            | 229    | -                     | 54           | -               | 3                        | 304               | 30                | 97     | 563      | -       | 6     | 1,286                 |
| Ngwaketse South     | 854    | -                     | 65           | 15              | -                        | 534               | -                 | 51     | 775      | 20      | 6     | 2,320                 |
| Ngwaketse North     | 569    | -                     | 10           | -               | -                        | 752               | 43                | 46     | 1,550    | 4       | 65    | 3,039                 |
| Ngwaketse Central   | 1,553  | 20                    | 420          | -               | -                        | 680               | 68                | 46     | 966      | 17      | -     | 3,770                 |
| Ngwaketse West      | 2,489  | 6                     | 990          | -               | -                        | 789               | 22                | 91     | 1,520    | 12      | 6     | 5,925                 |
| SOUTHERN REGION     | 5,694  | 26                    | 1,539        | 15              | 3                        | 3,059             | 163               | 331    | 5,374    | 53      | 83    | 16,340                |
| Bamalete/Tlokwen    | 134    | -                     | 12           | -               | -                        | 208               | 36                | 152    | 1,332    | 3       | -     | 1,877                 |
| Kweneng South       | 1,911  | 580                   | 322          | 14              | 24                       | 1,554             | 13                | 44     | 3,084    | -       | 198   | 7,744                 |
| Kweneng North       | 1,729  | -                     | 187          | 298             | -                        | 776               | 92                | 462    | 1,222    | 100     | 8     | 4,874                 |
| Kweneng West        | 2,735  | 436                   | 249          | 998             | 4                        | 643               | 108               | 470    | 1,158    | 6       | 34    | 6,841                 |
| Kgatlang            | 879    | -                     | 151          | -               | -                        | 593               | 27                | 528    | 4,325    | 105     | 64    | 6,672                 |
| GABORONE REGION     | 7,388  | 1,016                 | 921          | 1,310           | 28                       | 3,774             | 276               | 1,656  | 11,121   | 214     | 304   | 28,008                |
| Mahalapye East      | 1,263  | 237                   | 206          | 83              | -                        | 424               | 37                | 331    | 1,305    | 24      | 40    | 3,950                 |
| Mahalapye West      | 4,578  | 77                    | 109          | 32              | -                        | 1,045             | 174               | 234    | 1,638    | 66      | 89    | 8,042                 |
| Palapye             | 1,379  | 14                    | 1,105        | 3               | 46                       | 574               | 107               | 100    | 1,484    | -       | 40    | 4,852                 |
| Serowe              | 5,686  | 113                   | 988          | 16              | 302                      | 846               | 279               | 226    | 3,230    | 816     | 13    | 12,515                |
| Bobonong            | 2,183  | 9                     | 1,005        | -               | 34                       | 236               | 35                | 285    | 1,093    | -       | 3     | 4,883                 |
| Lethakane           | 5,108  | 105                   | 4,246        | 22              | 168                      | 575               | 260               | 392    | 2,963    | -       | 40    | 13,879                |
| Selebi-Phikwe       | 2,479  | 41                    | 1,205        | 11              | 8                        | 305               | 47                | 244    | 1,942    | -       | 2     | 6,284                 |
| CENTRAL REGION      | 22,676 | 596                   | 8,864        | 167             | 558                      | 4,005             | 939               | 1,812  | 13,655   | 906     | 227   | 54,405                |
| Tati                | 390    | -                     | -            | -               | -                        | 78                | -                 | 322    | 615      | -       | 57    | 1,462                 |
| Tutume              | 2,792  | -                     | 792          | -               | -                        | 546               | 2                 | 42     | 1,673    | 16      | 4     | 5,867                 |
| Tonota              | 2,266  | 21                    | 38           | -               | 35                       | 244               | 34                | 87     | 2,042    | 54      | 26    | 4,847                 |
| FRANCISTOWN REGION  | 5,448  | 21                    | 830          | -               | 35                       | 868               | 36                | 451    | 4,330    | 70      | 87    | 12,176                |
| Ngamiland West      | 636    | 77                    | 369          | -               | -                        | 91                | 170               | 54     | 279      | -       | -     | 1,676                 |
| Ngamiland East      | 6,858  | -                     | 446          | -               | 45                       | 524               | 80                | 36     | 2,895    | 39      | 12    | 10,935                |
| Chobe               | -      | -                     | 10           | -               | -                        | 41                | 17                | 29     | 322      | -       | 10    | 429                   |
| MAUN REGION         | 7,494  | 77                    | 825          | -               | 45                       | 656               | 267               | 119    | 3,496    | 39      | 22    | 13,040                |
| Gantsi              | 6,031  | 11                    | 1,624        | -               | 59                       | 714               | 102               | 4,026  | 457      | 1,106   | 30    | 14,160                |
| Hukuntsi            | 2,153  | 348                   | -            | -               | -                        | 300               | 451               | -      | 406      | 258     | 133   | 4,049                 |
| Tsabong             | 3,339  | 67                    | 71           | -               | -                        | 1,480             | 528               | 60     | 396      | 235     | 45    | 6,221                 |
| WESTERN REGION      | 11,523 | 426                   | 1,695        | -               | 59                       | 2,494             | 1,081             | 4,086  | 1,259    | 1,599   | 208   | 24,430                |
| TOTAL TRADITIONAL   | 60,223 | 2,162                 | 14,674       | 1,492           | 728                      | 14,856            | 2,762             | 8,455  | 39,235   | 2,881   | 931   | 148,399               |

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

| District/<br>Region | BMC        | Municipal<br>Abattoir | BMC<br>Agent | Auction<br>Sale | Government<br>Restocking | Another<br>Farmer | Local<br>Abattoir | Trader    | Butchery   | Feedlot   | Other     | Total Revenue<br>Received (Pula) |
|---------------------|------------|-----------------------|--------------|-----------------|--------------------------|-------------------|-------------------|-----------|------------|-----------|-----------|----------------------------------|
| Barolong            | 313,863    | -                     | 65,800       | -               | 3,600                    | 309,921           | 48,200            | 82,550    | 566,028    | -         | 8,100     | 1,398,062                        |
| Ngwaketse South     | 1,017,062  | -                     | 96,100       | 13,500          | -                        | 474,367           | -                 | 56,200    | 788,194    | 21,185    | 7,236     | 2,473,844                        |
| Ngwaketse North     | 670,545    | -                     | 14,244       | -               | -                        | 871,390           | 57,508            | 54,700    | 1,945,505  | 5,600     | 70,200    | 3,689,692                        |
| Ngwaketse Central   | 1,761,730  | 33,320                | 625,900      | -               | -                        | 814,550           | 70,700            | 49,450    | 1,314,950  | 22,100    | -         | 4,692,700                        |
| Ngwaketse West      | 3,306,257  | 5,000                 | 987,786      | -               | -                        | 857,650           | 22,650            | 97,826    | 1,716,082  | 15,600    | 7,800     | 7,016,650                        |
| SOUTHERN REGION     | 7,069,457  | 38,320                | 1,789,830    | 13,500          | 3,600                    | 3,327,878         | 199,058           | 340,726   | 6,330,758  | 64,485    | 93,336    | 19,270,947                       |
| Bamalete/Tlokwen    | 169,196    | -                     | 18,500       | -               | -                        | 279,650           | 33,804            | 172,422   | 1,925,672  | 3,700     | -         | 2,602,944                        |
| Kweneng South       | 2,005,900  | 850,000               | 452,300      | 24,500          | 24,000                   | 1,539,772         | 20,000            | 68,400    | 4,251,450  | -         | 276,600   | 9,512,922                        |
| Kweneng North       | 2,254,878  | -                     | 249,360      | 332,182         | -                        | 1,001,794         | 105,250           | 552,350   | 1,590,432  | 120,000   | 12,000    | 6,218,246                        |
| Kweneng West        | 3,422,632  | 354,858               | 241,744      | 962,920         | 2,800                    | 690,024           | 108,150           | 409,970   | 1,378,159  | 4,200     | 30,770    | 7,606,227                        |
| Kgatlang            | 1,005,935  | -                     | 138,740      | -               | -                        | 696,600           | 28,350            | 463,100   | 5,042,444  | 98,100    | 99,700    | 7,572,969                        |
| GABORONE REGION     | 8,858,541  | 1,204,858             | 1,100,644    | 1,319,602       | 26,800                   | 4,207,840         | 295,554           | 1,666,242 | 14,188,157 | 226,000   | 419,070   | 33,513,308                       |
| Mahalapye East      | 1,361,872  | 187,060               | 270,620      | 82,900          | -                        | 382,380           | 57,800            | 336,817   | 1,366,111  | 19,200    | 45,840    | 4,110,600                        |
| Mahalapye West      | 4,730,855  | 81,120                | 103,311      | 34,400          | -                        | 1,058,800         | 173,340           | 242,350   | 1,583,320  | 79,200    | 89,290    | 8,175,986                        |
| Palapye             | 1,224,365  | 14,000                | 1,112,967    | 2,200           | 55,520                   | 496,724           | 105,600           | 96,540    | 1,357,116  | -         | 37,000    | 4,502,032                        |
| Serowe              | 6,234,257  | 126,342               | 1,085,000    | 16,800          | 262,840                  | 842,950           | 351,200           | 240,409   | 3,402,021  | 846,518   | 17,300    | 13,425,637                       |
| Bobonong            | 2,254,415  | 7,800                 | 1,157,823    | -               | 22,400                   | 254,486           | 44,300            | 239,002   | 1,147,671  | -         | 3,600     | 5,131,497                        |
| Lethakane           | 5,522,414  | 108,450               | 5,172,644    | 18,000          | 242,200                  | 661,320           | 242,529           | 500,010   | 3,496,214  | -         | 86,000    | 16,049,781                       |
| Selebi-Phikwe       | 2,670,203  | 28,900                | 1,291,706    | 7,400           | 5,500                    | 297,430           | 58,030            | 278,000   | 1,958,320  | -         | 2,600     | 6,598,089                        |
| CENTRAL REGION      | 23,998,381 | 553,672               | 10,194,071   | 161,700         | 588,460                  | 3,994,090         | 1,032,799         | 1,933,128 | 14,310,773 | 944,918   | 281,630   | 57,993,622                       |
| Tati                | 402,050    | -                     | -            | -               | -                        | 85,921            | -                 | 483,000   | 733,715    | -         | 73,600    | 1,778,286                        |
| Tutume              | 2,930,527  | -                     | 837,145      | -               | -                        | 580,649           | 2,200             | 54,700    | 1,540,601  | 10,000    | 8,400     | 5,964,222                        |
| Tonota              | 2,522,174  | 38,500                | 40,400       | -               | 40,600                   | 268,996           | 34,030            | 118,456   | 2,317,343  | 54,000    | 22,500    | 5,456,999                        |
| FRANCISTOWN REGION  | 5,854,751  | 38,500                | 877,545      | -               | 40,600                   | 935,566           | 36,230            | 656,156   | 4,591,659  | 64,000    | 104,500   | 13,199,507                       |
| Ngamiland West      | 876,736    | 80,500                | 499,400      | -               | -                        | 93,900            | 210,200           | 74,200    | 274,789    | -         | -         | 2,109,725                        |
| Ngamiland East      | 9,683,537  | -                     | 640,853      | -               | 33,750                   | 621,998           | 90,900            | 38,789    | 3,064,239  | 24,812    | 14,800    | 14,213,678                       |
| Chobe               | -          | -                     | 8,000        | -               | -                        | 42,550            | 13,000            | 29,250    | 342,600    | -         | 9,400     | 444,800                          |
| MAUN REGION         | 10,560,273 | 80,500                | 1,148,253    | -               | 33,750                   | 758,448           | 314,100           | 142,239   | 3,681,628  | 24,812    | 24,200    | 16,768,203                       |
| Gantsi              | 5,737,626  | 8,800                 | 1,395,605    | -               | 41,300                   | 665,690           | 78,200            | 3,367,135 | 469,218    | 705,542   | 22,500    | 12,491,616                       |
| Hukuntsi            | 1,952,536  | 284,000               | -            | -               | -                        | 264,147           | 403,300           | -         | 512,330    | 249,370   | 93,100    | 3,758,783                        |
| Tsabong             | 3,030,360  | 67,800                | 68,600       | -               | -                        | 1,126,891         | 320,340           | 60,000    | 377,250    | 195,820   | 54,000    | 5,301,061                        |
| WESTERN REGION      | 10,720,522 | 360,600               | 1,464,205    | -               | 41,300                   | 2,056,728         | 801,840           | 3,427,135 | 1,358,798  | 1,150,732 | 169,600   | 21,551,460                       |
| TOTAL TRADITIONAL   | 67,061,925 | 2,276,450             | 16,574,548   | 1,494,802       | 734,510                  | 15,280,549        | 2,679,581         | 8,165,626 | 44,461,773 | 2,474,947 | 1,092,336 | 162,297,048                      |

TABLE 4.8: CATTLE AVERAGE PRICES BY VARIOUS BUYERS, DISTRICT AND REGION

| District/<br>Region | BMC   | Municipal<br>Abattoir | BMC<br>Agent | Auction<br>Sale | Government<br>Restocking | Another<br>Farmer | Local<br>Abattoir | Trader | Butchery | Feedlot | Other |
|---------------------|-------|-----------------------|--------------|-----------------|--------------------------|-------------------|-------------------|--------|----------|---------|-------|
| Barolong            | 1,371 | -                     | 1,219        | -               | 1,200                    | 1,019             | 1,607             | 851    | 1,005    | -       | 1,350 |
| Ngwaketse South     | 1,191 | -                     | 1,478        | 900             | -                        | 888               | -                 | 1,102  | 1,017    | 1,059   | 1,206 |
| Ngwaketse North     | 1,178 | -                     | 1,424        | -               | -                        | 1,159             | 1,337             | 1,189  | 1,255    | 1,400   | 1,080 |
| Ngwaketse Central   | 1,134 | 1,666                 | 1,490        | -               | -                        | 1,198             | 1,040             | 1,075  | 1,361    | 1,300   | -     |
| Ngwaketse West      | 1,328 | 833                   | 998          | -               | -                        | 1,087             | 1,030             | 1,075  | 1,129    | 1,300   | 1,300 |
| SOUTHERN REGION     | 1,242 | 1,474                 | 1,163        | 900             | 1,200                    | 1,088             | 1,221             | 1,029  | 1,178    | 1,217   | 1,125 |
| Bamalete/Tlokweng   | 1,263 | -                     | 1,542        | -               | -                        | 1,344             | 939               | 1,134  | 1,446    | 1,233   | -     |
| Kweneng South       | 1,050 | 1,466                 | 1,405        | 1,750           | 1,000                    | 991               | 1,538             | 1,555  | 1,379    | -       | 1,397 |
| Kweneng North       | 1,304 | -                     | 1,333        | 1,115           | -                        | 1,291             | 1,144             | 1,196  | 1,301    | 1,200   | 1,500 |
| Kweneng West        | 1,251 | 814                   | 971          | 965             | 700                      | 1,073             | 1,001             | 872    | 1,190    | 700     | 905   |
| Kgatleng            | 1,144 | -                     | 919          | -               | -                        | 1,175             | 1,050             | 877    | 1,166    | 934     | 1,558 |
| GABORONE REGION     | 1,199 | 1,186                 | 1,195        | 1,007           | 957                      | 1,115             | 1,071             | 1,006  | 1,276    | 1,056   | 1,379 |
| Mahalapye East      | 1,078 | 789                   | 1,314        | 999             | -                        | 902               | 1,562             | 1,018  | 1,047    | 800     | 1,146 |
| Mahalapye West      | 1,033 | 1,054                 | 948          | 1,075           | -                        | 1,013             | 996               | 1,036  | 967      | 1,200   | 1,003 |
| Palapye             | 888   | 1,000                 | 1,007        | 733             | 1,207                    | 865               | 987               | 965    | 914      | -       | 925   |
| Serowe              | 1,096 | 1,118                 | 1,098        | 1,050           | 870                      | 996               | 1,259             | 1,064  | 1,053    | 1,037   | 1,331 |
| Bobonong            | 1,033 | 867                   | 1,152        | -               | 659                      | 1,078             | 1,266             | 839    | 1,050    | -       | 1,200 |
| Lethakane           | 1,081 | 1,033                 | 1,218        | 818             | 1,442                    | 1,150             | 933               | 1,276  | 1,180    | -       | 2,150 |
| Selebi-Phikwe       | 1,077 | 705                   | 1,072        | 673             | 688                      | 975               | 1,235             | 1,139  | 1,008    | -       | 1,300 |
| CENTRAL REGION      | 1,058 | 929                   | 1,150        | 968             | 1,055                    | 997               | 1,100             | 1,067  | 1,048    | 1,043   | 1,241 |
| Tati                | 1,031 | -                     | -            | -               | -                        | 1,102             | -                 | 1,500  | 1,193    | -       | 1,291 |
| Tutume              | 1,050 | -                     | 1,057        | -               | -                        | 1,063             | 1,100             | 1,302  | 921      | 625     | 2,100 |
| Tonota              | 1,113 | 1,833                 | 1,063        | -               | 1,160                    | 1,102             | 1,001             | 1,362  | 1,135    | 1,000   | 865   |
| FRANCISTOWN REGION  | 1,075 | 1,833                 | 1,057        | -               | 1,160                    | 1,078             | 1,006             | 1,455  | 1,060    | 914     | 1,201 |
| Ngamiland West      | 1,379 | 1,045                 | 1,353        | -               | -                        | 1,032             | 1,236             | 1,374  | 985      | -       | -     |
| Ngamiland East      | 1,412 | -                     | 1,437        | -               | 750                      | 1,187             | 1,136             | 1,077  | 1,058    | 636     | 1,233 |
| Chobe               | -     | -                     | 800          | -               | -                        | 1,038             | 765               | 1,009  | 1,064    | -       | 940   |
| MAUN REGION         | 1,409 | 1,045                 | 1,392        | -               | 750                      | 1,156             | 1,176             | 1,195  | 1,053    | 636     | 1,100 |
| Gantsi              | 951   | 800                   | 859          | -               | 700                      | 932               | 767               | 836    | 1,027    | 638     | 750   |
| Hukuntsi            | 907   | 816                   | -            | -               | -                        | 880               | 894               | -      | 1,262    | 967     | 700   |
| Tsabong             | 908   | 1,012                 | 966          | -               | -                        | 761               | 607               | 1,000  | 953      | 833     | 1,200 |
| WESTERN REGION      | 930   | 846                   | 864          | -               | 700                      | 825               | 742               | 839    | 1,079    | 720     | 815   |
| TOTAL TRADITIONAL   | 1,114 | 1,053                 | 1,130        | 1,002           | 1,009                    | 1,029             | 970               | 966    | 1,133    | 859     | 1,173 |

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

| District/<br>Region | Number of<br>Holdings Selling | Percentage | Total<br>Cattle Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Per Head (Pula) |
|---------------------|-------------------------------|------------|-----------------------|------------|----------------------------------|---------------------------------------|----------------------------------|
| Barolong            | 73                            | 1.2        | 1,286                 | 5.1        | 1,398,062                        | 19,152                                | 1,087                            |
| Ngwaketse South     | 179                           | 3.0        | 2,320                 | 9.2        | 2,473,844                        | 13,820                                | 1,066                            |
| Ngwaketse North     | 315                           | 5.2        | 3,039                 | 12.1       | 3,689,692                        | 11,713                                | 1,214                            |
| Ngwaketse Central   | 232                           | 3.8        | 3,770                 | 15.0       | 4,692,700                        | 20,227                                | 1,245                            |
| Ngwaketse West      | 231                           | 3.8        | 5,925                 | 23.5       | 7,016,650                        | 30,375                                | 1,184                            |
| SOUTHERN REGION     | 1,030                         | 17.0       | 16,340                | 64.9       | 19,270,947                       | 18,710                                | 1,179                            |
| Bamalete/Tlokweneng | 234                           | 3.9        | 1,877                 | 7.5        | 2,602,944                        | 11,124                                | 1,387                            |
| Kweneng South       | 348                           | 5.8        | 7,744                 | 30.8       | 9,512,922                        | 27,336                                | 1,228                            |
| Kweneng North       | 279                           | 4.6        | 4,874                 | 19.4       | 6,218,246                        | 22,288                                | 1,276                            |
| Kweneng West        | 347                           | 5.7        | 6,841                 | 27.2       | 7,606,227                        | 21,920                                | 1,112                            |
| Kgatlang            | 233                           | 3.9        | 6,672                 | 26.5       | 7,572,969                        | 32,502                                | 1,135                            |
| GABORONE REGION     | 1,441                         | 23.8       | 28,008                | 111.3      | 33,513,308                       | 23,257                                | 1,197                            |
| Mahalapye East      | 262                           | 4.3        | 3,950                 | 15.7       | 4,110,600                        | 15,689                                | 1,041                            |
| Mahalapye West      | 292                           | 4.8        | 8,042                 | 32.0       | 8,175,986                        | 28,000                                | 1,017                            |
| Palapye             | 156                           | 2.6        | 4,852                 | 19.3       | 4,502,032                        | 28,859                                | 928                              |
| Serowe              | 254                           | 4.2        | 12,515                | 49.7       | 13,425,637                       | 52,857                                | 1,073                            |
| Bobonong            | 217                           | 3.6        | 4,883                 | 19.4       | 5,131,497                        | 23,647                                | 1,051                            |
| Letlhakane          | 309                           | 5.1        | 13,879                | 55.2       | 16,049,781                       | 51,941                                | 1,156                            |
| Selebi-Phikwe       | 282                           | 4.7        | 6,284                 | 25.0       | 6,598,089                        | 23,397                                | 1,050                            |
| CENTRAL REGION      | 1,772                         | 29.3       | 54,405                | 216.2      | 57,993,622                       | 32,728                                | 1,066                            |
| Tati                | 152                           | 2.5        | 1,462                 | 5.8        | 1,778,286                        | 11,699                                | 1,216                            |
| Tutume              | 235                           | 3.9        | 5,867                 | 23.3       | 5,964,222                        | 25,380                                | 1,017                            |
| Tonota              | 193                           | 3.2        | 4,847                 | 19.3       | 5,456,999                        | 28,275                                | 1,126                            |
| FRANCISTOWN REGION  | 580                           | 9.6        | 12,176                | 48.4       | 13,199,507                       | 22,758                                | 1,084                            |
| Ngamiland West      | 158                           | 2.6        | 1,676                 | 6.7        | 2,109,725                        | 13,353                                | 1,259                            |
| Ngamiland East      | 454                           | 7.5        | 10,935                | 43.5       | 14,213,678                       | 31,308                                | 1,300                            |
| Chobe               | 53                            | 0.9        | 429                   | 1.7        | 444,800                          | 8,392                                 | 1,037                            |
| MAUN REGION         | 665                           | 11.0       | 13,040                | 51.8       | 16,768,203                       | 25,215                                | 1,286                            |
| Gantsi              | 246                           | 4.1        | 14,160                | 56.3       | 12,491,616                       | 50,779                                | 882                              |
| Hukuntsi            | 161                           | 2.7        | 4,049                 | 16.1       | 3,758,783                        | 23,346                                | 928                              |
| Tsabong             | 152                           | 2.5        | 6,221                 | 24.7       | 5,301,061                        | 34,875                                | 852                              |
| WESTERN REGION      | 559                           | 9.2        | 24,430                | 97.1       | 21,551,460                       | 38,554                                | 882                              |
| TOTAL TRADITIONAL   | 6,047                         | 100.0      | 148,399               | 589.8      | 162,297,048                      | 26,839                                | 1,094                            |

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

| District/<br>Region | Number of Holdings<br>Purchasing Cattle | Percentage | Total Cattle<br>Purchased | Percentage | Total Cost<br>Incurred (Pula) | Average Cost<br>Per Holding (Pula) | Average Cost<br>Per Head (Pula) |
|---------------------|-----------------------------------------|------------|---------------------------|------------|-------------------------------|------------------------------------|---------------------------------|
| Barolong            | 73                                      | 1.2        | 271                       | 1.1        | 225,014                       | 3,082                              | 830                             |
| Ngwaketse South     | 179                                     | 3.0        | 436                       | 1.7        | 383,376                       | 2,142                              | 879                             |
| Ngwaketse North     | 315                                     | 5.2        | 844                       | 3.4        | 836,958                       | 2,657                              | 992                             |
| Ngwaketse Central   | 232                                     | 3.8        | 704                       | 2.8        | 541,728                       | 2,335                              | 770                             |
| Ngwaketse West      | 231                                     | 3.8        | 807                       | 3.2        | 773,460                       | 3,348                              | 958                             |
| SOUTHERN REGION     | 1,030                                   | 17.0       | 3,062                     | 12.2       | 2,760,536                     | 2,680                              | 902                             |
| Bamalete/Tlokwen    | 234                                     | 3.9        | 856                       | 3.4        | 942,540                       | 4,028                              | 1,101                           |
| Kweneng South       | 348                                     | 5.8        | 855                       | 3.4        | 1,022,098                     | 2,937                              | 1,195                           |
| Kweneng North       | 279                                     | 4.6        | 1,499                     | 6.0        | 1,688,056                     | 6,050                              | 1,126                           |
| Kweneng West        | 347                                     | 5.7        | 1,197                     | 4.8        | 1,207,212                     | 3,479                              | 1,009                           |
| Kgatleng            | 233                                     | 3.9        | 1,334                     | 5.3        | 1,185,031                     | 5,086                              | 888                             |
| GABORONE REGION     | 1,441                                   | 23.8       | 5,741                     | 22.8       | 6,044,937                     | 4,195                              | 1,053                           |
| Mahalapye East      | 262                                     | 4.3        | 1,039                     | 4.1        | 939,024                       | 3,584                              | 904                             |
| Mahalapye West      | 292                                     | 4.8        | 714                       | 2.8        | 672,760                       | 2,304                              | 942                             |
| Palapye             | 156                                     | 2.6        | 268                       | 1.1        | 285,217                       | 1,828                              | 1,064                           |
| Serowe              | 254                                     | 4.2        | 1,103                     | 4.4        | 1,496,320                     | 5,891                              | 1,357                           |
| Bobonong            | 217                                     | 3.6        | 820                       | 3.3        | 852,776                       | 3,930                              | 1,040                           |
| Letlhakane          | 309                                     | 5.1        | 1,073                     | 4.3        | 2,428,537                     | 7,859                              | 2,263                           |
| Selebi-Phikwe       | 282                                     | 4.7        | 978                       | 3.9        | 1,003,081                     | 3,557                              | 1,026                           |
| CENTRAL REGION      | 1,772                                   | 29.3       | 5,995                     | 23.8       | 7,677,715                     | 4,333                              | 1,281                           |
| Tati                | 152                                     | 2.5        | 2,425                     | 9.6        | 2,831,400                     | 18,628                             | 1,168                           |
| Tutume              | 235                                     | 3.9        | 844                       | 3.4        | 571,080                       | 2,430                              | 677                             |
| Tonota              | 193                                     | 3.2        | 531                       | 2.1        | 720,997                       | 3,736                              | 1,358                           |
| FRANCISTOWN REGION  | 580                                     | 9.6        | 3,800                     | 15.1       | 4,123,477                     | 7,109                              | 1,085                           |
| Ngamiland West      | 158                                     | 2.6        | 421                       | 1.7        | 409,000                       | 2,589                              | 971                             |
| Ngamiland East      | 454                                     | 7.5        | 3,160                     | 12.6       | 1,427,368                     | 3,144                              | 452                             |
| Chobe               | 53                                      | 0.9        | 189                       | 0.8        | 145,744                       | 2,750                              | 771                             |
| MAUN REGION         | 665                                     | 11.0       | 3,770                     | 15.0       | 1,982,112                     | 2,981                              | 526                             |
| Gantsi              | 246                                     | 4.1        | 1,317                     | 5.2        | 1,149,436                     | 4,673                              | 873                             |
| Hukuntsi            | 161                                     | 2.7        | 381                       | 1.5        | 436,479                       | 2,711                              | 1,146                           |
| Tsabong             | 152                                     | 2.5        | 1,095                     | 4.4        | 1,171,786                     | 7,709                              | 1,070                           |
| WESTERN REGION      | 559                                     | 9.2        | 2,793                     | 11.1       | 2,757,701                     | 4,933                              | 987                             |
| TOTAL TRADITIONAL   | 6,047                                   | 100.0      | 25,161                    | 100.0      | 25,346,478                    | 4,192                              | 1,007                           |

TABLE 4.11: CATTLE HOLDINGS BY CATTLE BREED PREFERENCE, DISTRICT AND REGION

| District/Region     | Semintal | Charolais | Jersey | Tuli | Friesian | Brahman | Crosses | Tswana | Brown Swiss | Afrikander | Santa Getrudis | Other | Not Stated | Total Cattle Holdings |
|---------------------|----------|-----------|--------|------|----------|---------|---------|--------|-------------|------------|----------------|-------|------------|-----------------------|
| Barolong            | 145      | 2         | 8      | 6    | -        | 637     | 29      | 489    | 48          | 55         | 4              | -     | 16         | 1,439                 |
| Ngwaketse South     | 233      | 21        | 13     | 11   | 16       | 1,060   | 92      | 680    | 21          | 78         | 3              | -     | 2          | 2,230                 |
| Ngwaketse North     | 593      | 30        | -      | 2    | 2        | 1,178   | 70      | 1,577  | 99          | 128        | 2              | -     | 16         | 3,697                 |
| Ngwaketse Central   | 409      | 104       | 3      | -    | 14       | 685     | 112     | 1,203  | 113         | 162        | 9              | 21    | 3          | 2,838                 |
| Ngwaketse West      | 359      | 172       | 4      | 2    | 5        | 457     | 16      | 1,175  | 21          | 33         | 26             | 89    | 4          | 2,363                 |
| SOUTHERN REGION     | 1,739    | 329       | 28     | 21   | 37       | 4,017   | 319     | 5,124  | 302         | 456        | 44             | 110   | 41         | 12,567                |
| Bamalete/Tlokweneng | 151      | 7         | 7      | 3    | -        | 494     | 26      | 813    | 28          | 27         | 23             | -     | 10         | 1,589                 |
| Kweneng South       | 365      | 86        | -      | 28   | 20       | 2,042   | 241     | 2,397  | 53          | 18         | -              | -     | -          | 5,250                 |
| Kweneng North       | 453      | 184       | 9      | -    | 9        | 903     | 63      | 534    | 38          | 144        | 25             | 1     | 5          | 2,368                 |
| Kweneng West        | 460      | 336       | 2      | 3    | 2        | 924     | 52      | 322    | 10          | 34         | 9              | 24    | 22         | 2,200                 |
| Kgatlang            | 483      | 34        | 4      | 43   | 27       | 1,717   | 40      | 1,441  | 33          | 259        | 17             | 2     | 86         | 4,186                 |
| GABORONE REGION     | 1,912    | 647       | 22     | 77   | 58       | 6,080   | 422     | 5,507  | 162         | 482        | 74             | 27    | 123        | 15,593                |
| Mahalapye East      | 339      | 36        | 10     | 3    | 20       | 980     | 162     | 1,408  | 40          | 108        | 5              | -     | 10         | 3,121                 |
| Mahalapye West      | 291      | 76        | 15     | 17   | 28       | 1,166   | 44      | 1,580  | 11          | 103        | 6              | 13    | 26         | 3,376                 |
| Palapye             | 324      | 52        | 10     | 15   | 16       | 863     | 4       | 1,160  | 67          | 85         | 11             | -     | 60         | 2,667                 |
| Serowe              | 479      | 224       | -      | 5    | 30       | 1,806   | 137     | 1,952  | 80          | 152        | 26             | 2     | 8          | 4,901                 |
| Bobonong            | 555      | 102       | 41     | -    | 19       | 1,054   | 30      | 839    | 63          | 87         | 45             | -     | 9          | 2,844                 |
| Letlhakane          | 829      | 271       | -      | 68   | 2        | 1,001   | 147     | 920    | 2           | 89         | 149            | 2     | 11         | 3,491                 |
| Selebi-Phikwe       | 295      | 54        | 45     | 17   | -        | 590     | 79      | 1,258  | 71          | 96         | 18             | 12    | 0          | 2,535                 |
| CENTRAL REGION      | 3,112    | 815       | 121    | 125  | 115      | 7,460   | 603     | 9,117  | 334         | 720        | 260            | 29    | 124        | 22,935                |
| Tati                | 45       | 1         | 25     | 19   | -        | 619     | 79      | 1,548  | 1           | 17         | -              | -     | -          | 2,354                 |
| Tutume              | 330      | 54        | 26     | 4    | 1        | 1,812   | 238     | 2,130  | 1           | 111        | 18             | -     | -          | 4,725                 |
| Tonota              | 332      | 62        | 14     | 6    | 28       | 877     | 38      | 793    | 10          | 54         | 20             | -     | 6          | 2,240                 |
| FRANCISTOWN REGION  | 707      | 117       | 65     | 29   | 29       | 3,308   | 355     | 4,471  | 12          | 182        | 38             | -     | 6          | 9,319                 |
| Ngamiland West      | 456      | 53        | -      | 30   | 52       | 928     | -       | 617    | 55          | -          | 22             | -     | 19         | 2,232                 |
| Ngamiland East      | 941      | 159       | 17     | 39   | 17       | 1,263   | 49      | 1,153  | 51          | 46         | 59             | 21    | 32         | 3,847                 |
| Chobe               | 28       | -         | -      | 15   | 1        | 175     | 12      | 407    | 20          | 6          | -              | -     | 2          | 666                   |
| MAUN REGION         | 1,425    | 212       | 17     | 84   | 70       | 2,366   | 61      | 2,177  | 126         | 52         | 81             | 21    | 53         | 6,745                 |
| Gantsi              | 724      | 63        | -      | -    | 5        | 613     | 53      | 308    | 7           | 48         | 18             | 79    | 13         | 1,931                 |
| Hukuntsi            | 374      | 93        | -      | -    | -        | 438     | 22      | 198    | 2           | 85         | -              | 49    | -          | 1,261                 |
| Tsabong             | 249      | 93        | -      | 1    | 1        | 574     | 31      | 297    | 49          | 110        | 21             | 47    | 2          | 1,475                 |
| WESTERN REGION      | 1,347    | 249       | -      | 1    | 6        | 1,625   | 106     | 803    | 58          | 243        | 39             | 175   | 15         | 4,667                 |
| TOTAL TRADITIONAL   | 10,242   | 2,369     | 253    | 337  | 315      | 24,856  | 1,866   | 27,199 | 994         | 2,135      | 536            | 362   | 362        | 71,826                |

TABLE 4.12: CATTLE HOLDINGS BY REASONS FOR CATTLE BREED PREFERENCE, DISTRICT AND REGION

| District/Region    | Profitable/<br>Grows Faster/<br>Reproduces Faster | Drought Resistance<br>Hardiness/Adaptability<br>Less Costly | Produces<br>More Milk | Other<br>Local Breed | Unknown<br>Not Stated | Total<br>Cattle Holdings |
|--------------------|---------------------------------------------------|-------------------------------------------------------------|-----------------------|----------------------|-----------------------|--------------------------|
| Barolong           | 758                                               | 605                                                         | 49                    | 18                   | 9                     | 1,439                    |
| Ngwaketse South    | 1,315                                             | 827                                                         | 85                    | 3                    | -                     | 2,230                    |
| Ngwaketse North    | 1,806                                             | 1,639                                                       | 103                   | 126                  | 23                    | 3,697                    |
| Ngwaketse Central  | 1,273                                             | 1,421                                                       | 78                    | 57                   | 9                     | 2,838                    |
| Ngwaketse West     | 1,055                                             | 1,187                                                       | 49                    | 55                   | 17                    | 2,363                    |
| SOUTHERN REGION    | 6,207                                             | 5,679                                                       | 364                   | 259                  | 58                    | 12,567                   |
| Bamalete/Tlokweng  | 646                                               | 882                                                         | 34                    | 10                   | 17                    | 1,589                    |
| Kweneng South      | 2,423                                             | 2,797                                                       | 30                    | -                    | -                     | 5,250                    |
| Kweneng North      | 1,447                                             | 738                                                         | 58                    | 10                   | 115                   | 2,368                    |
| Kweneng West       | 1,562                                             | 567                                                         | 42                    | 3                    | 26                    | 2,200                    |
| Kgatleng           | 2,500                                             | 1,521                                                       | 36                    | 34                   | 95                    | 4,186                    |
| GABORONE REGION    | 8,578                                             | 6,505                                                       | 200                   | 57                   | 253                   | 15,593                   |
| Mahalapye East     | 1,464                                             | 1,489                                                       | 90                    | 43                   | 35                    | 3,121                    |
| Mahalapye West     | 1,588                                             | 1,704                                                       | 12                    | 18                   | 54                    | 3,376                    |
| Palapye            | 1,246                                             | 1,330                                                       | 67                    | 11                   | 13                    | 2,667                    |
| Serowe             | 2,417                                             | 2,087                                                       | 56                    | 160                  | 181                   | 4,901                    |
| Bobonong           | 1,410                                             | 1,215                                                       | 60                    | 45                   | 114                   | 2,844                    |
| Lethakane          | 2,303                                             | 1,083                                                       | 22                    | 43                   | 40                    | 3,491                    |
| Selebi-Phikwe      | 933                                               | 1,464                                                       | 86                    | 38                   | 14                    | 2,535                    |
| CENTRAL REGION     | 11,361                                            | 10,372                                                      | 393                   | 358                  | 451                   | 22,935                   |
| Tati               | 781                                               | 1,488                                                       | 85                    | -                    | -                     | 2,354                    |
| Tutume             | 2,330                                             | 2,189                                                       | 86                    | 27                   | 93                    | 4,725                    |
| Tonota             | 1,236                                             | 891                                                         | 82                    | 6                    | 25                    | 2,240                    |
| FRANCISTOWN REGION | 4,347                                             | 4,568                                                       | 253                   | 33                   | 118                   | 9,319                    |
| Ngamiland West     | 1,115                                             | 723                                                         | 258                   | 83                   | 53                    | 2,232                    |
| Ngamiland East     | 2,297                                             | 1,297                                                       | 154                   | 40                   | 59                    | 3,847                    |
| Chobe              | 285                                               | 266                                                         | 12                    | 32                   | 71                    | 666                      |
| MAUN REGION        | 3,697                                             | 2,286                                                       | 424                   | 155                  | 183                   | 6,745                    |
| Gantsi             | 1,421                                             | 397                                                         | 90                    | 1                    | 22                    | 1,931                    |
| Hukuntsi           | 811                                               | 433                                                         | 15                    | -                    | 2                     | 1,261                    |
| Tsabong            | 901                                               | 522                                                         | 36                    | -                    | 16                    | 1,475                    |
| WESTERN REGION     | 3,133                                             | 1,352                                                       | 141                   | 1                    | 40                    | 4,667                    |
| TOTAL TRADITIONAL  | 37,323                                            | 30,762                                                      | 1,775                 | 863                  | 1,103                 | 71,826                   |

TABLE 4.13: CATTLE HOLDINGS BY CATTLE BREEDING METHOD USED, DISTRICT AND REGION

| District/Region    | Artificial<br>Insemination | Bull<br>Service | Both | Total<br>Cattle Holdings |
|--------------------|----------------------------|-----------------|------|--------------------------|
| Barolong           | 43                         | 1,356           | 40   | 1,439                    |
| Ngwaketse South    | 20                         | 2,194           | 16   | 2,230                    |
| Ngwaketse North    | 22                         | 3,653           | 22   | 3,697                    |
| Ngwaketse Central  | 55                         | 2,705           | 78   | 2,838                    |
| Ngwaketse West     | 56                         | 2,284           | 23   | 2,363                    |
| SOUTHERN REGION    | 196                        | 12,192          | 179  | 12,567                   |
| Bamalete/Tlokweng  | 6                          | 1,583           | -    | 1,589                    |
| Kweneng South      | 85                         | 5,063           | 102  | 5,250                    |
| Kweneng North      | 13                         | 2,299           | 56   | 2,368                    |
| Kweneng West       | 52                         | 2,079           | 69   | 2,200                    |
| Kgatleng           | 109                        | 4,070           | 7    | 4,186                    |
| GABORONE REGION    | 265                        | 15,094          | 234  | 15,593                   |
| Mahalapye East     | 7                          | 3,096           | 18   | 3,121                    |
| Mahalapye West     | 77                         | 3,197           | 102  | 3,376                    |
| Palapye            | 131                        | 2,479           | 57   | 2,667                    |
| Serowe             | 113                        | 4,761           | 27   | 4,901                    |
| Bobonong           | 8                          | 2,804           | 32   | 2,844                    |
| Lethakane          | 112                        | 3,306           | 73   | 3,491                    |
| Selebi-Phikwe      | 21                         | 2,463           | 51   | 2,535                    |
| CENTRAL REGION     | 469                        | 22,106          | 360  | 22,935                   |
| Tati               | 62                         | 2,292           | -    | 2,354                    |
| Tutume             | 94                         | 4,630           | 1    | 4,725                    |
| Tonota             | 35                         | 2,205           | -    | 2,240                    |
| FRANCISTOWN REGION | 191                        | 9,127           | 1    | 9,319                    |
| Ngamiland West     | 42                         | 2,170           | 20   | 2,232                    |
| Ngamiland East     | 101                        | 3,735           | 11   | 3,847                    |
| Chobe              | 14                         | 652             | -    | 666                      |
| MAUN REGION        | 157                        | 6,557           | 31   | 6,745                    |
| Gantsi             | 55                         | 1,787           | 89   | 1,931                    |
| Hukuntsi           | 195                        | 1,059           | 7    | 1,261                    |
| Tsabong            | 49                         | 1,426           | -    | 1,475                    |
| WESTERN REGION     | 299                        | 4,272           | 96   | 4,667                    |
| TOTAL TRADITIONAL  | 1,577                      | 69,348          | 901  | 71,826                   |



TABLE 4.14: CATTLE HOLDINGS BY CATTLE BREEDING METHOD PREFERENCE, DISTRICT AND REGION

| District/Region    | Cheaper<br>To Use | Easy<br>To Use | Produces<br>Preferred Breed | Not Stated<br>Unknown | Total<br>Cattle Holdings |
|--------------------|-------------------|----------------|-----------------------------|-----------------------|--------------------------|
| Barolong           | 1,385             | 7              | 26                          | 21                    | 1,439                    |
| Ngwaketse South    | 2,084             | 53             | 29                          | 64                    | 2,230                    |
| Ngwaketse North    | 2,597             | 25             | 26                          | 1,049                 | 3,697                    |
| Ngwaketse Central  | 2,693             | 20             | 43                          | 82                    | 2,838                    |
| Ngwaketse West     | 1,739             | 57             | 54                          | 513                   | 2,363                    |
| SOUTHERN REGION    | 10,498            | 162            | 178                         | 1,729                 | 12,567                   |
| Bamalete/Tlokweng  | 1,391             | 137            | 14                          | 47                    | 1,589                    |
| Kweneng South      | 4,699             | 411            | 94                          | 46                    | 5,250                    |
| Kweneng North      | 2,111             | 130            | 61                          | 66                    | 2,368                    |
| Kweneng West       | 1,980             | 117            | 62                          | 41                    | 2,200                    |
| Kgatleng           | 3,774             | 58             | 39                          | 315                   | 4,186                    |
| GABORONE REGION    | 13,955            | 853            | 270                         | 515                   | 15,593                   |
| Mahalapye East     | 2,420             | 52             | 65                          | 584                   | 3,121                    |
| Mahalapye West     | 2,182             | 296            | 42                          | 856                   | 3,376                    |
| Palapye            | 1,506             | 212            | 133                         | 816                   | 2,667                    |
| Serowe             | 4,286             | 137            | 46                          | 432                   | 4,901                    |
| Bobonong           | 967               | 63             | 109                         | 1,705                 | 2,844                    |
| Lethakane          | 1,999             | 222            | 93                          | 1,177                 | 3,491                    |
| Selebi-Phikwe      | 1,603             | 21             | 56                          | 855                   | 2,535                    |
| CENTRAL REGION     | 14,963            | 1,003          | 544                         | 6,425                 | 22,935                   |
| Tati               | 1,993             | 83             | -                           | 278                   | 2,354                    |
| Tutume             | 3,898             | 5              | -                           | 822                   | 4,725                    |
| Tonota             | 1,932             | 33             | 1                           | 274                   | 2,240                    |
| FRANCISTOWN REGION | 7,823             | 121            | 1                           | 1,374                 | 9,319                    |
| Ngamiland West     | 1,140             | 290            | 23                          | 779                   | 2,232                    |
| Ngamiland East     | 1,880             | 1,060          | 17                          | 890                   | 3,847                    |
| Chobe              | 446               | 21             | 7                           | 192                   | 666                      |
| MAUN REGION        | 3,466             | 1,371          | 47                          | 1,861                 | 6,745                    |
| Gantsi             | 1,289             | 95             | 25                          | 522                   | 1,931                    |
| Hukuntsi           | 1,259             | -              | -                           | 2                     | 1,261                    |
| Tsabong            | 1,451             | 12             | -                           | 12                    | 1,475                    |
| WESTERN REGION     | 3,999             | 107            | 25                          | 536                   | 4,667                    |
| TOTAL TRADITIONAL  | 54,704            | 3,617          | 1,065                       | 12,440                | 71,826                   |

TABLE 4.15: NUMBER OF HOLDINGS BY TYPE OF BREED AND REASONS FOR CATTLE PREFERENCE

| Cattle Breed      | Profitable/<br>Grows Faster/<br>Reproduces<br>Faster | Drought Resistant/<br>Hardiness/<br>Adaptability/<br>Less Costly | Produces<br>More Milk | Other Local<br>Breed | Unknown/<br>Not Stated | Total<br>Holdings |
|-------------------|------------------------------------------------------|------------------------------------------------------------------|-----------------------|----------------------|------------------------|-------------------|
| Simmental         | 7,324                                                | 2,064                                                            | 574                   | 65                   | 215                    | 10,242            |
| Charolais         | 1,922                                                | 300                                                              | 84                    | 19                   | 44                     | 2,369             |
| Jersey            | 96                                                   | 20                                                               | 131                   | 2                    | 4                      | 253               |
| Tuli              | 222                                                  | 97                                                               | -                     | -                    | 18                     | 337               |
| Friesian          | 68                                                   | 15                                                               | 193                   | 39                   | -                      | 315               |
| Brahman           | 22,348                                               | 2,107                                                            | 280                   | 38                   | 83                     | 24,856            |
| Crosses           | 1,214                                                | 560                                                              | 30                    | 34                   | 28                     | 1,866             |
| Tswana            | 2,275                                                | 23,660                                                           | 155                   | 555                  | 554                    | 27,199            |
| Brown Swiss       | 440                                                  | 300                                                              | 154                   | 42                   | 58                     | 994               |
| Afrikander        | 609                                                  | 1,369                                                            | 38                    | 60                   | 59                     | 2,135             |
| Santa Getrudis    | 379                                                  | 116                                                              | 20                    | 7                    | 14                     | 536               |
| Other             | 426                                                  | 154                                                              | 116                   | 2                    | 26                     | 724               |
| TOTAL TRADITIONAL | 37,323                                               | 30,762                                                           | 1,775                 | 863                  | 1,103                  | 71,826            |

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

| District/<br>Region | Goats Holdings |            | Goats Holdings |            | Total<br>Holdings | Goats Population |            | Goats Population |            | Total Goats<br>Population | Average Number of<br>Goats Per Holding |
|---------------------|----------------|------------|----------------|------------|-------------------|------------------|------------|------------------|------------|---------------------------|----------------------------------------|
|                     | Male Owned     | Percentage | Female Owned   | Percentage |                   | Male Owned       | Percentage | Female Owned     | Percentage |                           |                                        |
| Barolong            | 879            | 1.8        | 508            | 1.8        | 1,387             | 10,948           | 1.0        | 5,522            | 1.3        | 16,470                    | 12                                     |
| Ngwaketse South     | 1,207          | 2.4        | 662            | 2.3        | 1,869             | 16,113           | 1.5        | 7,361            | 1.7        | 23,474                    | 13                                     |
| Ngwaketse North     | 2,519          | 5.1        | 1,144          | 4.0        | 3,663             | 43,073           | 4.0        | 12,909           | 3.0        | 55,982                    | 15                                     |
| Ngwaketse Central   | 1,879          | 3.8        | 814            | 2.8        | 2,693             | 29,010           | 2.7        | 10,671           | 2.4        | 39,681                    | 15                                     |
| Ngwaketse West      | 1,552          | 3.1        | 733            | 2.6        | 2,285             | 31,730           | 2.9        | 11,070           | 2.5        | 42,800                    | 19                                     |
| SOUTHERN REGION     | 8,036          | 16.2       | 3,861          | 13.4       | 11,897            | 130,874          | 12.1       | 47,533           | 10.9       | 178,407                   | 15                                     |
| Bamalete/Tlokweng   | 1,368          | 2.8        | 552            | 1.9        | 1,920             | 24,779           | 2.3        | 7,772            | 1.8        | 32,551                    | 17                                     |
| Kweneng South       | 4,168          | 8.4        | 1,999          | 7.0        | 6,167             | 65,634           | 6.1        | 26,839           | 6.2        | 92,473                    | 15                                     |
| Kweneng North       | 2,112          | 4.3        | 935            | 3.3        | 3,047             | 41,007           | 3.8        | 13,900           | 3.2        | 54,907                    | 18                                     |
| Kweneng West        | 1,298          | 2.6        | 754            | 2.6        | 2,052             | 25,331           | 2.3        | 12,449           | 2.9        | 37,780                    | 18                                     |
| Kgatleng            | 2,090          | 4.2        | 1,112          | 3.9        | 3,202             | 39,374           | 3.6        | 16,111           | 3.7        | 55,485                    | 17                                     |
| GABORONE REGION     | 11,036         | 22.2       | 5,352          | 18.6       | 16,388            | 196,125          | 18.1       | 77,071           | 17.7       | 273,196                   | 17                                     |
| Mahalapye East      | 2,782          | 5.6        | 1,479          | 5.1        | 4,261             | 73,298           | 6.8        | 21,743           | 5.0        | 95,041                    | 22                                     |
| Mahalapye West      | 2,547          | 5.1        | 1,662          | 5.8        | 4,209             | 40,700           | 3.8        | 20,828           | 4.8        | 61,528                    | 15                                     |
| Palapye             | 1,913          | 3.9        | 1,562          | 5.4        | 3,475             | 41,498           | 3.8        | 22,950           | 5.3        | 64,448                    | 19                                     |
| Serowe              | 2,460          | 5.0        | 1,826          | 6.4        | 4,286             | 50,505           | 4.7        | 28,492           | 6.5        | 78,997                    | 18                                     |
| Bobonong            | 2,165          | 4.4        | 1,647          | 5.7        | 3,812             | 52,434           | 4.8        | 27,575           | 6.3        | 80,009                    | 21                                     |
| Letlhakane          | 2,350          | 4.7        | 1,048          | 3.6        | 3,398             | 77,540           | 7.2        | 20,346           | 4.7        | 97,886                    | 29                                     |
| Selebi-Phikwe       | 1,671          | 3.4        | 1,330          | 4.6        | 3,001             | 43,892           | 4.1        | 22,902           | 5.2        | 66,794                    | 22                                     |
| CENTRAL REGION      | 15,888         | 32.0       | 10,554         | 36.7       | 26,442            | 379,867          | 35.1       | 164,836          | 37.8       | 544,703                   | 21                                     |
| Tati                | 1,904          | 3.8        | 1,181          | 4.1        | 3,085             | 27,787           | 2.6        | 12,288           | 2.8        | 40,075                    | 13                                     |
| Tutume              | 2,818          | 5.7        | 2,452          | 8.5        | 5,270             | 51,518           | 4.8        | 33,369           | 7.6        | 84,887                    | 16                                     |
| Tonota              | 1,810          | 3.6        | 1,125          | 3.9        | 2,935             | 41,896           | 3.9        | 16,671           | 3.8        | 58,567                    | 20                                     |
| FRANCISTOWN REGION  | 6,532          | 13.2       | 4,758          | 16.6       | 11,290            | 121,201          | 11.2       | 62,328           | 14.3       | 183,529                   | 16                                     |
| Ngamiland West      | 1,655          | 3.3        | 876            | 3.0        | 2,531             | 33,923           | 3.1        | 11,786           | 2.7        | 45,709                    | 18                                     |
| Ngamiland East      | 2,982          | 6.0        | 1,857          | 6.5        | 4,839             | 97,994           | 9.1        | 40,515           | 9.3        | 138,509                   | 29                                     |
| Chobe               | 283            | 0.6        | 238            | 0.8        | 521               | 3,617            | 0.3        | 2,537            | 0.6        | 6,154                     | 12                                     |
| MAUN REGION         | 4,920          | 9.9        | 2,971          | 10.3       | 7,891             | 135,534          | 12.5       | 54,838           | 12.6       | 190,372                   | 24                                     |
| Gantsi              | 1,056          | 2.1        | 298            | 1.0        | 1,354             | 36,814           | 3.4        | 7,620            | 1.7        | 44,434                    | 33                                     |
| Hukuntsi            | 910            | 1.8        | 287            | 1.0        | 1,197             | 24,958           | 2.3        | 6,282            | 1.4        | 31,240                    | 26                                     |
| Tsabong             | 1,252          | 2.5        | 652            | 2.3        | 1,904             | 56,682           | 5.2        | 15,893           | 3.6        | 72,575                    | 38                                     |
| WESTERN REGION      | 3,218          | 6.5        | 1,237          | 4.3        | 4,455             | 118,454          | 10.9       | 29,795           | 6.8        | 148,249                   | 33                                     |
| TOTAL TRADITIONAL   | 49,630         | 100.0      | 28,733         | 100.0      | 78,363            | 1,082,055        | 100.0      | 436,401          | 100.0      | 1,518,456                 | 19                                     |

TABLE 5.1B: GOATS HOLDINGS AND POPULATION BY GENDER AND GOATS FLOCK SIZE

| Goats<br>Flock Size | Goats Holdings |            | Goats Holdings |            | Total<br>Holdings | Goats Population |            | Goats Population |            | Total Goats<br>Population | Average Number of<br>Goats Per Holding |
|---------------------|----------------|------------|----------------|------------|-------------------|------------------|------------|------------------|------------|---------------------------|----------------------------------------|
|                     | Male Owned     | Percentage | Female Owned   | Percentage |                   | Male Owned       | Percentage | Female Owned     | Percentage |                           |                                        |
| 01 - 10             | 17,589         | 35.4       | 14,510         | 50.5       | 32,099            | 105,811          | 9.8        | 83,799           | 19.2       | 189,610                   | 6                                      |
| 11 - 20             | 14,810         | 29.8       | 7,994          | 27.8       | 22,804            | 223,408          | 20.6       | 118,463          | 27.1       | 341,871                   | 15                                     |
| 21 - 30             | 6,958          | 14.0       | 3,234          | 11.3       | 10,192            | 174,619          | 16.1       | 80,849           | 18.5       | 255,468                   | 25                                     |
| 31 - 40             | 4,004          | 8.1        | 1,289          | 4.5        | 5,293             | 141,527          | 13.1       | 45,360           | 10.4       | 186,887                   | 35                                     |
| 41 - 50             | 2,233          | 4.5        | 723            | 2.5        | 2,956             | 101,003          | 9.3        | 32,358           | 7.4        | 133,361                   | 45                                     |
| 51 - 60             | 1,319          | 2.7        | 326            | 1.1        | 1,645             | 73,157           | 6.8        | 17,959           | 4.1        | 91,116                    | 55                                     |
| 61 - 70             | 915            | 1.8        | 202            | 0.7        | 1,117             | 58,997           | 5.5        | 13,036           | 3.0        | 72,033                    | 64                                     |
| 71 - 80             | 445            | 0.9        | 156            | 0.5        | 601               | 33,402           | 3.1        | 11,756           | 2.7        | 45,158                    | 75                                     |
| 81 - 90             | 295            | 0.6        | 48             | 0.2        | 343               | 25,124           | 2.3        | 4,159            | 1.0        | 29,283                    | 85                                     |
| 91 - 100            | 206            | 0.4        | 43             | 0.1        | 249               | 19,394           | 1.8        | 4,082            | 0.9        | 23,476                    | 94                                     |
| 101 +               | 856            | 1.7        | 208            | 0.7        | 1,064             | 125,613          | 11.6       | 24,580           | 5.6        | 150,193                   | 141                                    |
| TOTAL TRADITIONAL.  | 49,630         | 100.0      | 28,733         | 100.0      | 78,363            | 1,082,055        | 100.0      | 436,401          | 100.0      | 1,518,456                 | 19                                     |

TABLE 5.1C: GOATS HOLDINGS AND POPULATION BY GENDER AND AGE GROUP OF HOLDER

| Age Group<br>of Holder | Goats Holdings |            | Goats Holdings |            | Total<br>Holdings | Goats Population |            | Goats Population |            | Total Goats<br>Population | Average Number of<br>Goats Per Holding |
|------------------------|----------------|------------|----------------|------------|-------------------|------------------|------------|------------------|------------|---------------------------|----------------------------------------|
|                        | Male Owned     | Percentage | Female Owned   | Percentage |                   | Male Owned       | Percentage | Female Owned     | Percentage |                           |                                        |
| 12 - 14                | 2              | -          | -              | -          | 2                 | 64               | -          | -                | -          | 64                        | 32                                     |
| 15 - 19                | 64             | 0.1        | 45             | 0.2        | 109               | 913              | 0.1        | 1,261            | 0.3        | 2,174                     | 20                                     |
| 20 - 24                | 244            | 0.5        | 196            | 0.7        | 440               | 2,230            | 0.2        | 2,039            | 0.5        | 4,269                     | 10                                     |
| 25 - 29                | 855            | 1.7        | 578            | 2.0        | 1,433             | 12,599           | 1.2        | 6,007            | 1.4        | 18,606                    | 13                                     |
| 30 - 34                | 1,909          | 3.8        | 923            | 3.2        | 2,832             | 30,221           | 2.8        | 11,788           | 2.7        | 42,009                    | 15                                     |
| 35 - 39                | 2,792          | 5.6        | 1,630          | 5.7        | 4,422             | 55,980           | 5.2        | 19,533           | 4.5        | 75,513                    | 17                                     |
| 40 - 44                | 4,161          | 8.4        | 2,431          | 8.5        | 6,592             | 90,233           | 8.3        | 34,708           | 8.0        | 124,941                   | 19                                     |
| 45 - 49                | 5,414          | 10.9       | 3,266          | 11.4       | 8,680             | 116,330          | 10.8       | 47,450           | 10.9       | 163,780                   | 19                                     |
| 50 - 54                | 6,169          | 12.4       | 3,184          | 11.1       | 9,353             | 151,847          | 14.0       | 48,511           | 11.1       | 200,358                   | 21                                     |
| 55 - 59                | 6,197          | 12.5       | 3,388          | 11.8       | 9,585             | 150,697          | 13.9       | 53,296           | 12.2       | 203,993                   | 21                                     |
| 60 - 64                | 6,003          | 12.1       | 3,246          | 11.3       | 9,249             | 127,191          | 11.8       | 49,150           | 11.3       | 176,341                   | 19                                     |
| 65 +                   | 15,820         | 31.9       | 9,846          | 34.3       | 25,666            | 343,750          | 31.8       | 162,658          | 37.3       | 506,408                   | 20                                     |
| TOTAL TRADITIONAL.     | 49,630         | 100.0      | 28,733         | 100.0      | 78,363            | 1,082,055        | 100.0      | 436,401          | 100.0      | 1,518,456                 | 19                                     |

TABLE 5.2A: GOATS COMPOSITION BY DISTRICT AND REGION

| District/Region    | Male Goats<br>One Year and Over | Female Goats<br>One Year and Over | Male Goats<br>Under One Year | Female Goats<br>Under One Year | Total<br>Goats |
|--------------------|---------------------------------|-----------------------------------|------------------------------|--------------------------------|----------------|
| Barolong           | 2,208                           | 8,905                             | 2,469                        | 2,888                          | 16,470         |
| Ngwaketse South    | 3,897                           | 12,522                            | 3,040                        | 4,015                          | 23,474         |
| Ngwaketse North    | 9,147                           | 31,174                            | 7,626                        | 8,035                          | 55,982         |
| Ngwaketse Central  | 6,477                           | 20,187                            | 6,650                        | 6,367                          | 39,681         |
| Ngwaketse West     | 5,252                           | 23,512                            | 7,022                        | 7,014                          | 42,800         |
| SOUTHERN REGION    | 26,981                          | 96,300                            | 26,807                       | 28,319                         | 178,407        |
| Bamalete/Tlokweng  | 5,274                           | 16,936                            | 4,958                        | 5,383                          | 32,551         |
| Kweneng South      | 13,259                          | 50,559                            | 14,861                       | 13,794                         | 92,473         |
| Kweneng North      | 7,395                           | 29,961                            | 8,527                        | 9,024                          | 54,907         |
| Kweneng West       | 4,862                           | 19,959                            | 6,503                        | 6,456                          | 37,780         |
| Kgatleng           | 8,733                           | 28,268                            | 9,068                        | 9,416                          | 55,485         |
| GABORONE REGION    | 39,523                          | 145,683                           | 43,917                       | 44,073                         | 273,196        |
| Mahalapye East     | 12,357                          | 49,255                            | 16,295                       | 17,134                         | 95,041         |
| Mahalapye West     | 8,558                           | 31,830                            | 9,782                        | 11,358                         | 61,528         |
| Palapye            | 9,185                           | 32,777                            | 11,499                       | 10,987                         | 64,448         |
| Serowe             | 11,639                          | 40,366                            | 12,879                       | 14,113                         | 78,997         |
| Bobonong           | 10,833                          | 42,376                            | 12,649                       | 14,151                         | 80,009         |
| Letlhakane         | 12,538                          | 48,872                            | 17,310                       | 19,166                         | 97,886         |
| Selebi-Phikwe      | 8,276                           | 33,019                            | 11,844                       | 13,655                         | 66,794         |
| CENTRAL REGION     | 73,386                          | 278,495                           | 92,258                       | 100,564                        | 544,703        |
| Tati               | 5,077                           | 21,835                            | 6,525                        | 6,638                          | 40,075         |
| Tutume             | 11,721                          | 42,363                            | 14,863                       | 15,940                         | 84,887         |
| Tonota             | 8,511                           | 32,128                            | 8,751                        | 9,177                          | 58,567         |
| FRANCISTOWN REGION | 25,309                          | 96,326                            | 30,139                       | 31,755                         | 183,529        |
| Ngamiland West     | 8,128                           | 25,301                            | 5,930                        | 6,350                          | 45,709         |
| Ngamiland East     | 18,834                          | 76,297                            | 20,947                       | 22,431                         | 138,509        |
| Chobe              | 972                             | 3,334                             | 859                          | 989                            | 6,154          |
| MAUN REGION        | 27,934                          | 104,932                           | 27,736                       | 29,770                         | 190,372        |
| Gantsi             | 5,211                           | 24,781                            | 7,025                        | 7,417                          | 44,434         |
| Hukuntsi           | 4,373                           | 15,826                            | 5,430                        | 5,611                          | 31,240         |
| Tsabong            | 5,886                           | 42,519                            | 10,908                       | 13,262                         | 72,575         |
| WESTERN REGION     | 15,470                          | 83,126                            | 23,363                       | 26,290                         | 148,249        |
| TOTAL TRADITIONAL  | 208,603                         | 804,862                           | 244,220                      | 260,771                        | 1,518,456      |

TABLE 5.2B: GOATS COMPOSITION BY GOAT FLOCK SIZE

| Goats Flock Size         | Male Goats<br>One Year and Over | Female Goats<br>One Year and Over | Male Goats<br>Under One Year | Female Goats<br>Under One Year | Total<br>Goats   |
|--------------------------|---------------------------------|-----------------------------------|------------------------------|--------------------------------|------------------|
| 01 - 10                  | 25,187                          | 105,269                           | 27,779                       | 31,375                         | 189,610          |
| 11 - 20                  | 51,351                          | 174,132                           | 56,491                       | 59,897                         | 341,871          |
| 21 - 30                  | 38,413                          | 132,418                           | 42,159                       | 42,478                         | 255,468          |
| 31 - 40                  | 26,145                          | 98,318                            | 30,321                       | 32,103                         | 186,887          |
| 41 - 50                  | 17,041                          | 70,270                            | 21,406                       | 24,644                         | 133,361          |
| 51 - 60                  | 10,591                          | 49,191                            | 15,346                       | 15,988                         | 91,116           |
| 61 - 70                  | 8,115                           | 38,850                            | 12,408                       | 12,660                         | 72,033           |
| 71 - 80                  | 5,712                           | 24,538                            | 7,284                        | 7,624                          | 45,158           |
| 81 - 90                  | 3,331                           | 15,886                            | 4,613                        | 5,453                          | 29,283           |
| 91 - 100                 | 2,776                           | 12,290                            | 4,259                        | 4,151                          | 23,476           |
| 101 +                    | 19,941                          | 83,700                            | 22,154                       | 24,398                         | 150,193          |
| <b>TOTAL TRADITIONAL</b> | <b>208,603</b>                  | <b>804,862</b>                    | <b>244,220</b>               | <b>260,771</b>                 | <b>1,518,456</b> |

TABLE 5.2C: PERCENTAGE: GOATS COMPOSITION BY GOAT FLOCK SIZE

| Goats Flock Size         | Male Goats<br>One Year and Over | Female Goats<br>One Year and Over | Male Goats<br>Under One Year | Female Goats<br>Under One Year | Total<br>Goats |
|--------------------------|---------------------------------|-----------------------------------|------------------------------|--------------------------------|----------------|
| 01 - 10                  | 13.3                            | 55.5                              | 14.7                         | 16.5                           | 100.0          |
| 11 - 20                  | 15.0                            | 50.9                              | 16.5                         | 17.5                           | 100.0          |
| 21 - 30                  | 15.0                            | 51.8                              | 16.5                         | 16.6                           | 100.0          |
| 31 - 40                  | 14.0                            | 52.6                              | 16.2                         | 17.2                           | 100.0          |
| 41 - 50                  | 12.8                            | 52.7                              | 16.1                         | 18.5                           | 100.0          |
| 51 - 60                  | 11.6                            | 54.0                              | 16.8                         | 17.5                           | 100.0          |
| 61 - 70                  | 11.3                            | 53.9                              | 17.2                         | 17.6                           | 100.0          |
| 71 - 80                  | 12.6                            | 54.3                              | 16.1                         | 16.9                           | 100.0          |
| 81 - 90                  | 11.4                            | 54.2                              | 15.8                         | 18.6                           | 100.0          |
| 91 - 100                 | 11.8                            | 52.4                              | 18.1                         | 17.7                           | 100.0          |
| 101 +                    | 13.3                            | 55.7                              | 14.8                         | 16.2                           | 100.0          |
| <b>TOTAL TRADITIONAL</b> | <b>13.7</b>                     | <b>53.0</b>                       | <b>16.1</b>                  | <b>17.2</b>                    | <b>100.0</b>   |

TABLE 5.3: GOATS HOLDING BY TYPE OF BREED, DISTRICT AND REGION

| District/Region     | Tswana | Boer  | Saanan | Crosses | Other |
|---------------------|--------|-------|--------|---------|-------|
| Barolong            | 1,343  | 56    | -      | 18      | -     |
| Ngwaketse South     | 1,843  | 38    | -      | 16      | -     |
| Ngwaketse North     | 3,606  | 104   | -      | 48      | 5     |
| Ngwaketse Central   | 2,588  | 152   | 3      | 11      | -     |
| Ngwaketse West      | 2,128  | 225   | -      | 123     | -     |
| SOUTHERN REGION     | 11,508 | 575   | 3      | 216     | 5     |
| Bamalete/Tlokweneng | 1,790  | 129   | -      | 74      | -     |
| Kweneng South       | 6,019  | 149   | -      | 159     | -     |
| Kweneng North       | 2,917  | 309   | -      | 91      | -     |
| Kweneng West        | 1,879  | 232   | 3      | 139     | 4     |
| Kgatleng            | 3,071  | 139   | 1      | 88      | -     |
| GABORONE REGION     | 15,676 | 958   | 4      | 551     | 4     |
| Mahalapye East      | 4,144  | 187   | -      | 223     | 4     |
| Mahalapye West      | 4,013  | 295   | -      | 255     | -     |
| Palapye             | 3,317  | 282   | 10     | 178     | 5     |
| Serowe              | 4,049  | 271   | 6      | 125     | 2     |
| Bobonong            | 3,468  | 379   | 20     | 260     | -     |
| Letlhakane          | 3,047  | 354   | 23     | 221     | -     |
| Selebi-Phikwe       | 2,752  | 194   | 12     | 165     | -     |
| CENTRAL REGION      | 24,790 | 1,962 | 71     | 1,427   | 11    |
| Tati                | 3,065  | 72    | -      | 37      | -     |
| Tutume              | 5,195  | 90    | 26     | 151     | -     |
| Tonota              | 2,815  | 123   | 5      | 136     | -     |
| FRANCISTOWN REGION  | 11,075 | 285   | 31     | 324     | -     |
| Ngamiland West      | 2,442  | 57    | 7      | 65      | -     |
| Ngamiland East      | 4,472  | 448   | 11     | 189     | -     |
| Chobe               | 519    | 2     | -      | -       | -     |
| MAUN REGION         | 7,433  | 507   | 18     | 254     | -     |
| Gantsi              | 887    | 475   | 29     | 34      | -     |
| Hukuntsi            | 999    | 209   | -      | 8       | -     |
| Tsabong             | 1,197  | 743   | 2      | 76      | -     |
| WESTERN REGION      | 3,083  | 1,427 | 31     | 118     | -     |
| TOTAL TRADITIONAL   | 73,565 | 5,714 | 158    | 2,890   | 20    |

TABLE 5.4: GOATS POPULATION BY TYPE OF BREED, DISTRICT AND REGION

| District/Region     | Tswana    | Boer    | Saanan | Crosses | Other | Total Goats |
|---------------------|-----------|---------|--------|---------|-------|-------------|
| Barolong            | 14,945    | 864     | -      | 661     | -     | 16,470      |
| Ngwaketse South     | 22,510    | 469     | -      | 495     | -     | 23,474      |
| Ngwaketse North     | 54,632    | 940     | -      | 370     | 40    | 55,982      |
| Ngwaketse Central   | 36,871    | 2,585   | 3      | 222     | -     | 39,681      |
| Ngwaketse West      | 34,279    | 4,599   | -      | 3,922   | -     | 42,800      |
| SOUTHERN REGION     | 163,237   | 9,457   | 3      | 5,670   | 40    | 178,407     |
| Bamalete/Tlokweneng | 29,159    | 1,867   | -      | 1,525   | -     | 32,551      |
| Kweneng South       | 86,460    | 4,181   | -      | 1,832   | -     | 92,473      |
| Kweneng North       | 46,137    | 5,755   | -      | 3,015   | -     | 54,907      |
| Kweneng West        | 31,070    | 3,683   | 18     | 2,975   | 34    | 37,780      |
| Kgatleng            | 50,525    | 2,408   | 1      | 2,551   | -     | 55,485      |
| GABORONE REGION     | 243,351   | 17,894  | 19     | 11,898  | 34    | 273,196     |
| Mahalapye East      | 88,075    | 1,475   | -      | 5,484   | 7     | 95,041      |
| Mahalapye West      | 55,269    | 2,434   | -      | 3,825   | -     | 61,528      |
| Palapye             | 55,416    | 4,048   | 13     | 4,963   | 8     | 64,448      |
| Serowe              | 68,652    | 6,138   | 42     | 4,159   | 6     | 78,997      |
| Bobonong            | 66,178    | 6,883   | 202    | 6,746   | -     | 80,009      |
| Letlhakane          | 72,624    | 16,094  | 282    | 8,886   | -     | 97,886      |
| Selebi-Phikwe       | 57,058    | 3,278   | 12     | 6,446   | -     | 66,794      |
| CENTRAL REGION      | 463,272   | 40,350  | 551    | 40,509  | 21    | 544,703     |
| Tati                | 38,808    | 161     | -      | 1,106   | -     | 40,075      |
| Tutume              | 78,509    | 1,789   | 832    | 3,757   | -     | 84,887      |
| Tonota              | 54,070    | 1,349   | 11     | 3,137   | -     | 58,567      |
| FRANCISTOWN REGION  | 171,387   | 3,299   | 843    | 8,000   | -     | 183,529     |
| Ngamiland West      | 39,737    | 2,377   | 168    | 3,427   | -     | 45,709      |
| Ngamiland East      | 112,257   | 19,449  | 151    | 6,652   | -     | 138,509     |
| Chobe               | 6,088     | 66      | -      | -       | -     | 6,154       |
| MAUN REGION         | 158,082   | 21,892  | 319    | 10,079  | -     | 190,372     |
| Gantsi              | 25,134    | 17,855  | 385    | 1,060   | -     | 44,434      |
| Hukuntsi            | 23,937    | 7,049   | -      | 254     | -     | 31,240      |
| Tsabong             | 33,214    | 37,268  | 50     | 2,043   | -     | 72,575      |
| WESTERN REGION      | 82,285    | 62,172  | 435    | 3,357   | -     | 148,249     |
| TOTAL TRADITIONAL   | 1,281,614 | 155,064 | 2,170  | 79,513  | 95    | 1,518,456   |



TABLE 5.5A: GOATS INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY DISTRICT AND REGION

| District\Region     | Sales  | Home Slaughter | Purchases | Offtake | Births  | Deaths  | Given Away | Losses  |
|---------------------|--------|----------------|-----------|---------|---------|---------|------------|---------|
| Barolong            | 239    | 989            | 128       | 1,100   | 8,211   | 4,095   | 127        | 906     |
| Ngwaketse South     | 417    | 1,194          | 138       | 1,473   | 10,659  | 5,365   | 80         | 1,135   |
| Ngwaketse North     | 824    | 1,646          | 380       | 2,090   | 26,808  | 15,392  | 754        | 2,888   |
| Ngwaketse Central   | 572    | 1,423          | 283       | 1,712   | 20,779  | 12,462  | 110        | 1,474   |
| Ngwaketse West      | 863    | 1,572          | 478       | 1,957   | 22,944  | 12,736  | 292        | 2,953   |
| SOUTHERN REGION     | 2,915  | 6,824          | 1,407     | 8,332   | 89,401  | 50,050  | 1,363      | 9,356   |
| Bamalete/Tlokweneng | 1,369  | 2,126          | 437       | 3,058   | 14,947  | 7,083   | 113        | 2,110   |
| Kweneng South       | 2,296  | 4,948          | 648       | 6,596   | 48,378  | 26,356  | 768        | 4,599   |
| Kweneng North       | 1,999  | 3,105          | 677       | 4,427   | 30,114  | 17,609  | 602        | 3,496   |
| Kweneng West        | 1,870  | 1,661          | 716       | 2,815   | 20,970  | 11,763  | 534        | 3,278   |
| Kgatleng            | 1,385  | 2,432          | 819       | 2,998   | 27,291  | 12,543  | 250        | 3,361   |
| GABORONE REGION     | 8,919  | 14,272         | 3,297     | 19,894  | 141,700 | 75,354  | 2,267      | 16,844  |
| Mahalapye East      | 2,746  | 4,942          | 674       | 7,014   | 42,692  | 14,203  | 552        | 6,069   |
| Mahalapye West      | 1,928  | 3,510          | 673       | 4,765   | 27,503  | 10,643  | 308        | 3,654   |
| Palapye             | 2,287  | 2,976          | 338       | 4,925   | 32,560  | 12,340  | 554        | 4,519   |
| Serowe              | 2,199  | 3,187          | 425       | 4,961   | 37,766  | 14,328  | 793        | 4,855   |
| Bobonong            | 3,901  | 5,354          | 1,588     | 7,667   | 40,913  | 21,131  | 711        | 6,944   |
| Letlhakane          | 4,198  | 4,005          | 1,180     | 7,023   | 48,692  | 17,287  | 568        | 7,342   |
| Selebi-Phikwe       | 2,400  | 3,246          | 671       | 4,975   | 32,737  | 10,927  | 279        | 4,270   |
| CENTRAL REGION      | 19,659 | 27,220         | 5,549     | 41,330  | 262,863 | 100,859 | 3,765      | 37,653  |
| Tati                | 866    | 2,015          | 502       | 2,379   | 18,795  | 8,660   | 91         | 3,058   |
| Tutume              | 2,828  | 3,484          | 416       | 5,896   | 38,327  | 13,914  | 250        | 3,478   |
| Tonota              | 1,574  | 2,893          | 340       | 4,127   | 24,549  | 9,430   | 79         | 5,177   |
| FRANCISTOWN REGION  | 5,268  | 8,392          | 1,258     | 12,402  | 81,671  | 32,004  | 420        | 11,713  |
| Ngamiland West      | 1,032  | 1,025          | 381       | 1,676   | 17,720  | 7,918   | 178        | 3,112   |
| Ngamiland East      | 4,716  | 6,022          | 1,433     | 9,305   | 63,575  | 29,735  | 1,889      | 12,534  |
| Chobe               | 162    | 644            | 114       | 692     | 2,914   | 1,977   | 109        | 835     |
| MAUN REGION         | 5,910  | 7,691          | 1,928     | 11,673  | 84,209  | 39,630  | 2,176      | 16,481  |
| Gantsi              | 3,230  | 2,971          | 991       | 5,210   | 19,697  | 9,461   | 521        | 3,424   |
| Hukuntsi            | 1,161  | 1,359          | 316       | 2,204   | 16,811  | 8,467   | 174        | 6,007   |
| Tsabong             | 5,082  | 4,275          | 776       | 8,581   | 35,049  | 17,019  | 605        | 6,066   |
| WESTERN REGION      | 9,473  | 8,605          | 2,083     | 15,995  | 71,557  | 34,947  | 1,300      | 15,497  |
| TOTAL TRADITIONAL   | 52,144 | 73,004         | 15,522    | 109,626 | 731,401 | 332,844 | 11,291     | 107,544 |

TABLE 5.5B: PERCENTAGE: GOATS INVENTORY (BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT AND REGION

| District/Region     | Sales | Home Slaughter | Purchases | Offtake Rate | Births Rate | Deaths Rate | Given Away | Losses |
|---------------------|-------|----------------|-----------|--------------|-------------|-------------|------------|--------|
| Barolong            | 1.5   | 6.0            | 0.8       | 6.7          | 49.9        | 24.9        | 0.8        | 5.5    |
| Ngwaketse South     | 1.8   | 5.1            | 0.6       | 6.3          | 45.4        | 22.9        | 0.3        | 4.8    |
| Ngwaketse North     | 1.5   | 2.9            | 0.7       | 3.7          | 47.9        | 27.5        | 1.3        | 5.2    |
| Ngwaketse Central   | 1.4   | 3.6            | 0.7       | 4.3          | 52.4        | 31.4        | 0.3        | 3.7    |
| Ngwaketse West      | 2.0   | 3.7            | 1.1       | 4.6          | 53.6        | 29.8        | 0.7        | 6.9    |
| SOUTHERN REGION     | 1.6   | 3.8            | 0.8       | 4.7          | 50.1        | 28.1        | 0.8        | 5.2    |
| Bamalete/Tlokweneng | 4.2   | 6.5            | 1.3       | 9.4          | 45.9        | 21.8        | 0.3        | 6.5    |
| Kweneng South       | 2.5   | 5.4            | 0.7       | 7.1          | 52.3        | 28.5        | 0.8        | 5.0    |
| Kweneng North       | 3.6   | 5.7            | 1.2       | 8.1          | 54.8        | 32.1        | 1.1        | 6.4    |
| Kweneng West        | 4.9   | 4.4            | 1.9       | 7.5          | 55.5        | 31.1        | 1.4        | 8.7    |
| Kgatleng            | 2.5   | 4.4            | 1.5       | 5.4          | 49.2        | 22.6        | 0.5        | 6.1    |
| GABORONE REGION     | 3.3   | 5.2            | 1.2       | 7.3          | 51.9        | 27.6        | 0.8        | 6.2    |
| Mahalapye East      | 2.9   | 5.2            | 0.7       | 7.4          | 44.9        | 14.9        | 0.6        | 6.4    |
| Mahalapye West      | 3.1   | 5.7            | 1.1       | 7.7          | 44.7        | 17.3        | 0.5        | 5.9    |
| Palapye             | 3.5   | 4.6            | 0.5       | 7.6          | 50.5        | 19.1        | 0.9        | 7.0    |
| Serowe              | 2.8   | 4.0            | 0.5       | 6.3          | 47.8        | 18.1        | 1.0        | 6.1    |
| Bobonong            | 4.9   | 6.7            | 2.0       | 9.6          | 51.1        | 26.4        | 0.9        | 8.7    |
| Letlhakane          | 4.3   | 4.1            | 1.2       | 7.2          | 49.7        | 17.7        | 0.6        | 7.5    |
| Selebi-Phikwe       | 3.6   | 4.9            | 1.0       | 7.4          | 49.0        | 16.4        | 0.4        | 6.4    |
| CENTRAL REGION      | 3.6   | 5.0            | 1.0       | 7.6          | 48.3        | 18.5        | 0.7        | 6.9    |
| Tati                | 2.2   | 5.0            | 1.3       | 5.9          | 46.9        | 21.6        | 0.2        | 7.6    |
| Tutume              | 3.3   | 4.1            | 0.5       | 6.9          | 45.2        | 16.4        | 0.3        | 4.1    |
| Tonota              | 2.7   | 4.9            | 0.6       | 7.0          | 41.9        | 16.1        | 0.1        | 8.8    |
| FRANCISTOWN REGION  | 2.9   | 4.6            | 0.7       | 6.8          | 44.5        | 17.4        | 0.2        | 6.4    |
| Ngamiland West      | 2.3   | 2.2            | 0.8       | 3.7          | 38.8        | 17.3        | 0.4        | 6.8    |
| Ngamiland East      | 3.4   | 4.3            | 1.0       | 6.7          | 45.9        | 21.5        | 1.4        | 9.0    |
| Chobe               | 2.6   | 10.5           | 1.9       | 11.2         | 47.4        | 32.1        | 1.8        | 13.6   |
| MAUN REGION         | 3.1   | 4.0            | 1.0       | 6.1          | 44.2        | 20.8        | 1.1        | 8.7    |
| Gantsi              | 7.3   | 6.7            | 2.2       | 11.7         | 44.3        | 21.3        | 1.2        | 7.7    |
| Hukuntsi            | 3.7   | 4.4            | 1.0       | 7.1          | 53.8        | 27.1        | 0.6        | 19.2   |
| Tsabong             | 7.0   | 5.9            | 1.1       | 11.8         | 48.3        | 23.5        | 0.8        | 8.4    |
| WESTERN REGION      | 6.4   | 5.8            | 1.4       | 10.8         | 48.3        | 23.6        | 0.9        | 10.5   |
| TOTAL TRADITIONAL   | 3.4   | 4.8            | 1.0       | 7.2          | 48.2        | 21.9        | 0.7        | 7.1    |

TABLE 5.5C: GOATS INVENTORY ( BIRTHS, DEATHS, OFFTAKE, ...) BY GOATS FLOCK SIZE

| Goats Flock Size  | Sales  | Home Slaughter | Purchases | Offtake | Births  | Deaths  | Given Away | Losses  |
|-------------------|--------|----------------|-----------|---------|---------|---------|------------|---------|
| 01 - 10           | 6,108  | 15,125         | 4,322     | 16,911  | 108,097 | 82,851  | 2,277      | 27,795  |
| 11 - 20           | 9,467  | 18,447         | 5,144     | 22,770  | 175,100 | 84,022  | 3,051      | 28,467  |
| 21 - 30           | 8,346  | 12,122         | 2,040     | 18,428  | 121,591 | 53,724  | 1,699      | 16,096  |
| 31 - 40           | 5,460  | 8,459          | 1,386     | 12,533  | 89,479  | 36,316  | 906        | 11,691  |
| 41 - 50           | 5,290  | 5,509          | 944       | 9,855   | 61,912  | 20,834  | 753        | 6,283   |
| 51 - 60           | 3,130  | 2,939          | 408       | 5,661   | 41,589  | 14,559  | 543        | 4,849   |
| 61 - 70           | 2,757  | 2,544          | 243       | 5,058   | 32,147  | 10,264  | 331        | 2,931   |
| 71 - 80           | 2,099  | 1,248          | 293       | 3,054   | 19,226  | 6,710   | 157        | 1,297   |
| 81 - 90           | 1,071  | 916            | 123       | 1,864   | 12,948  | 3,911   | 117        | 1,553   |
| 91 - 100          | 1,012  | 708            | 43        | 1,677   | 10,825  | 3,257   | 104        | 1,372   |
| 101 +             | 7,404  | 4,987          | 576       | 11,815  | 58,487  | 16,396  | 1,353      | 5,210   |
| TOTAL TRADITIONAL | 52,144 | 73,004         | 15,522    | 109,626 | 731,401 | 332,844 | 11,291     | 107,544 |

TABLE 5.5D: PERCENTAGE: GOATS INVENTORY ( BIRTHS, DEATHS, OFFTAKE, ...) BY GOAT FLOCK SIZE

| Goats Flock Size  | Sales | Home Slaughter | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|-------|----------------|-----------|---------|--------|--------|------------|--------|
| 01 - 10           | 3.2   | 8.0            | 2.3       | 8.9     | 57.0   | 43.7   | 1.2        | 14.7   |
| 11 - 20           | 2.8   | 5.4            | 1.5       | 6.7     | 51.2   | 24.6   | 0.9        | 8.3    |
| 21 - 30           | 3.3   | 4.7            | 0.8       | 7.2     | 47.6   | 21.0   | 0.7        | 6.3    |
| 31 - 40           | 2.9   | 4.5            | 0.7       | 6.7     | 47.9   | 19.4   | 0.5        | 6.3    |
| 41 - 50           | 4.0   | 4.1            | 0.7       | 7.4     | 46.4   | 15.6   | 0.6        | 4.7    |
| 51 - 60           | 3.4   | 3.2            | 0.4       | 6.2     | 45.6   | 16.0   | 0.6        | 5.3    |
| 61 - 70           | 3.8   | 3.5            | 0.3       | 7.0     | 44.6   | 14.2   | 0.5        | 4.1    |
| 71 - 80           | 4.6   | 2.8            | 0.6       | 6.8     | 42.6   | 14.9   | 0.3        | 2.9    |
| 81 - 90           | 3.7   | 3.1            | 0.4       | 6.4     | 44.2   | 13.4   | 0.4        | 5.3    |
| 91 - 100          | 4.3   | 3.0            | 0.2       | 7.1     | 46.1   | 13.9   | 0.4        | 5.8    |
| 101 +             | 4.9   | 3.3            | 0.4       | 7.9     | 38.9   | 10.9   | 0.9        | 3.5    |
| TOTAL TRADITIONAL | 3.4   | 4.8            | 1.0       | 7.2     | 48.2   | 21.9   | 0.7        | 7.1    |

TABLE 5.6: GOATS SALES AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District/Region    | Number of Holdings<br>Selling Goats | Percentage | Total<br>Goats Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Per Goat (Pula) |
|--------------------|-------------------------------------|------------|----------------------|------------|----------------------------------|---------------------------------------|----------------------------------|
| Barolong           | 89                                  | 0.6        | 239                  | 0.5        | 53,434                           | 600                                   | 224                              |
| Ngwaketse South    | 207                                 | 1.4        | 417                  | 0.8        | 94,920                           | 459                                   | 228                              |
| Ngwaketse North    | 353                                 | 2.3        | 824                  | 1.6        | 218,695                          | 620                                   | 265                              |
| Ngwaketse Central  | 261                                 | 1.7        | 572                  | 1.1        | 162,922                          | 624                                   | 285                              |
| Ngwaketse West     | 297                                 | 2.0        | 863                  | 1.7        | 227,838                          | 767                                   | 264                              |
| SOUTHERN REGION    | 1,207                               | 8.0        | 2,915                | 5.6        | 757,809                          | 628                                   | 260                              |
| Bamalete/Tlokweng  | 503                                 | 3.3        | 1,369                | 2.6        | 347,225                          | 690                                   | 254                              |
| Kweneng South      | 860                                 | 5.7        | 2,296                | 4.4        | 556,000                          | 647                                   | 242                              |
| Kweneng North      | 609                                 | 4.0        | 1,999                | 3.8        | 510,092                          | 838                                   | 255                              |
| Kweneng West       | 475                                 | 3.2        | 1,870                | 3.6        | 475,325                          | 1,001                                 | 254                              |
| Kgatleng           | 463                                 | 3.1        | 1,385                | 2.7        | 345,780                          | 747                                   | 250                              |
| GABORONE REGION    | 2,910                               | 19.3       | 8,919                | 17.1       | 2,234,422                        | 768                                   | 251                              |
| Mahalapye East     | 1,167                               | 7.7        | 2,746                | 5.3        | 597,620                          | 512                                   | 218                              |
| Mahalapye West     | 730                                 | 4.8        | 1,928                | 3.7        | 427,740                          | 586                                   | 222                              |
| Palapye            | 761                                 | 5.0        | 2,287                | 4.4        | 513,762                          | 675                                   | 225                              |
| Serowe             | 556                                 | 3.7        | 2,199                | 4.2        | 536,170                          | 964                                   | 244                              |
| Bobonong           | 935                                 | 6.2        | 3,901                | 7.5        | 741,358                          | 793                                   | 190                              |
| Letlhakane         | 889                                 | 5.9        | 4,198                | 8.1        | 972,608                          | 1,094                                 | 232                              |
| Selebi-Phikwe      | 774                                 | 5.1        | 2,400                | 4.6        | 504,185                          | 651                                   | 210                              |
| CENTRAL REGION     | 5,812                               | 38.6       | 19,659               | 37.7       | 4,293,443                        | 739                                   | 218                              |
| Tati               | 440                                 | 2.9        | 866                  | 1.7        | 213,770                          | 486                                   | 247                              |
| Tutume             | 1,132                               | 7.5        | 2,828                | 5.4        | 689,056                          | 609                                   | 244                              |
| Tonota             | 531                                 | 3.5        | 1,574                | 3.0        | 372,992                          | 702                                   | 237                              |
| FRANCISTOWN REGION | 2,103                               | 14.0       | 5,268                | 10.1       | 1,275,818                        | 607                                   | 242                              |
| Ngamiland West     | 369                                 | 2.4        | 1,032                | 2.0        | 228,390                          | 619                                   | 221                              |
| Ngamiland East     | 1,259                               | 8.4        | 4,716                | 9.0        | 1,146,058                        | 910                                   | 243                              |
| Chobe              | 64                                  | 0.4        | 162                  | 0.3        | 31,470                           | 492                                   | 194                              |
| MAUN REGION        | 1,692                               | 11.2       | 5,910                | 11.3       | 1,405,918                        | 831                                   | 238                              |
| Gantsi             | 481                                 | 3.2        | 3,230                | 6.2        | 790,381                          | 1,643                                 | 245                              |
| Hukuntsi           | 334                                 | 2.2        | 1,161                | 2.2        | 321,711                          | 963                                   | 277                              |
| Tsabong            | 532                                 | 3.5        | 5,082                | 9.7        | 1,164,743                        | 2,189                                 | 229                              |
| WESTERN REGION     | 1,347                               | 8.9        | 9,473                | 18.2       | 2,276,835                        | 1,690                                 | 240                              |
| TOTAL TRADITIONAL  | 15,071                              | 100.0      | 52,144               | 100.0      | 12,244,245                       | 812                                   | 235                              |

TABLE 5.7: GOATS PURCHASES AND COST INCURRED (PULA) BY DISTRICT AND REGION

| District/Region    | Number of Holdings<br>Purchasing Goats | Percentage | Total<br>Goats Purchased | Percentage | Total Cost<br>Incurred (Pula) | Average Cost<br>Per Holding (Pula) | Average Cost<br>Per Goat (Pula) |
|--------------------|----------------------------------------|------------|--------------------------|------------|-------------------------------|------------------------------------|---------------------------------|
| Barolong           | 49                                     | 1.0        | 128                      | 0.8        | 28,252                        | 577                                | 221                             |
| Ngwaketse South    | 66                                     | 1.4        | 138                      | 0.9        | 33,570                        | 509                                | 243                             |
| Ngwaketse North    | 113                                    | 2.4        | 380                      | 2.4        | 85,515                        | 757                                | 225                             |
| Ngwaketse Central  | 107                                    | 2.2        | 283                      | 1.8        | 76,775                        | 718                                | 271                             |
| Ngwaketse West     | 158                                    | 3.3        | 478                      | 3.1        | 158,676                       | 1,004                              | 332                             |
| SOUTHERN REGION    | 493                                    | 10.3       | 1,407                    | 9.1        | 382,788                       | 776                                | 272                             |
| Bamalete/Tlokweng  | 98                                     | 2.0        | 437                      | 2.8        | 145,846                       | 1,488                              | 334                             |
| Kweneng South      | 156                                    | 3.3        | 648                      | 4.2        | 139,640                       | 895                                | 215                             |
| Kweneng North      | 240                                    | 5.0        | 677                      | 4.4        | 151,060                       | 629                                | 223                             |
| Kweneng West       | 223                                    | 4.6        | 716                      | 4.6        | 161,930                       | 726                                | 226                             |
| Kgatleng           | 133                                    | 2.8        | 819                      | 5.3        | 133,945                       | 1,007                              | 164                             |
| GABORONE REGION    | 850                                    | 17.7       | 3,297                    | 21.2       | 732,421                       | 862                                | 222                             |
| Mahalapye East     | 274                                    | 5.7        | 674                      | 4.3        | 125,567                       | 458                                | 186                             |
| Mahalapye West     | 186                                    | 3.9        | 673                      | 4.3        | 121,010                       | 651                                | 180                             |
| Palapye            | 185                                    | 3.9        | 338                      | 2.2        | 73,618                        | 398                                | 218                             |
| Serowe             | 165                                    | 3.4        | 425                      | 2.7        | 87,078                        | 528                                | 205                             |
| Bobonong           | 329                                    | 6.9        | 1,588                    | 10.2       | 278,722                       | 847                                | 176                             |
| Letlhakane         | 376                                    | 7.8        | 1,180                    | 7.6        | 234,360                       | 623                                | 199                             |
| Selebi-Phikwe      | 215                                    | 4.5        | 671                      | 4.3        | 121,108                       | 563                                | 180                             |
| CENTRAL REGION     | 1,730                                  | 36.1       | 5,549                    | 35.7       | 1,041,463                     | 602                                | 188                             |
| Tati               | 296                                    | 6.2        | 502                      | 3.2        | 193,010                       | 652                                | 384                             |
| Tutume             | 181                                    | 3.8        | 416                      | 2.7        | 137,911                       | 762                                | 332                             |
| Tonota             | 169                                    | 3.5        | 340                      | 2.2        | 84,601                        | 501                                | 249                             |
| FRANCISTOWN REGION | 646                                    | 13.5       | 1,258                    | 8.1        | 415,522                       | 643                                | 330                             |
| Ngamiland West     | 171                                    | 3.6        | 381                      | 2.5        | 56,250                        | 329                                | 148                             |
| Ngamiland East     | 432                                    | 9.0        | 1,433                    | 9.2        | 335,742                       | 777                                | 234                             |
| Chobe              | 45                                     | 0.9        | 114                      | 0.7        | 16,095                        | 358                                | 141                             |
| MAUN REGION        | 648                                    | 13.5       | 1,928                    | 12.4       | 408,087                       | 630                                | 212                             |
| Gantsi             | 167                                    | 3.5        | 991                      | 6.4        | 207,826                       | 1,244                              | 210                             |
| Hukuntsi           | 71                                     | 1.5        | 316                      | 2.0        | 65,253                        | 919                                | 206                             |
| Tsabong            | 193                                    | 4.0        | 776                      | 5.0        | 206,573                       | 1,070                              | 266                             |
| WESTERN REGION     | 431                                    | 9.0        | 2,083                    | 13.4       | 479,652                       | 1,113                              | 230                             |
| TOTAL TRADITIONAL  | 4,798                                  | 100.0      | 15,522                   | 100.0      | 3,459,933                     | 721                                | 223                             |

TABLE 5.8A: SHEEP HOLDINGS AND POPULATION BY GENDER, DISTRICT AND REGION

| District/Region    | Sheep Holdings |            | Sheep Holdings |            | Total Holdings | Sheep Population |            | Sheep Population |            | Total Sheep Population | Average Number of Sheep Per Holding |
|--------------------|----------------|------------|----------------|------------|----------------|------------------|------------|------------------|------------|------------------------|-------------------------------------|
|                    | Male Owned     | Percentage | Female Owned   | Percentage |                | Male Owned       | Percentage | Female Owned     | Percentage |                        |                                     |
| Barolong           | 252            | 1.9        | 121            | 2.7        | 373            | 3,632            | 2.0        | 1,187            | 2.6        | 4,819                  | 13                                  |
| Ngwaketse South    | 422            | 3.2        | 102            | 2.3        | 524            | 4,494            | 2.4        | 1,134            | 2.5        | 5,628                  | 11                                  |
| Ngwaketse North    | 702            | 5.4        | 244            | 5.5        | 946            | 7,133            | 3.8        | 1,480            | 3.2        | 8,613                  | 9                                   |
| Ngwaketse Central  | 805            | 6.1        | 252            | 5.7        | 1,057          | 9,364            | 5.0        | 2,159            | 4.7        | 11,523                 | 11                                  |
| Ngwaketse West     | 486            | 3.7        | 119            | 2.7        | 605            | 7,726            | 4.1        | 1,022            | 2.2        | 8,748                  | 14                                  |
| SOUTHERN REGION    | 2,667          | 20.4       | 838            | 18.9       | 3,505          | 32,349           | 17.4       | 6,982            | 15.2       | 39,331                 | 11                                  |
| Bamalete/Tlokweng  | 183            | 1.4        | 52             | 1.2        | 235            | 2,000            | 1.1        | 556              | 1.2        | 2,556                  | 11                                  |
| Kweneng South      | 1,283          | 9.8        | 704            | 15.8       | 1,987          | 14,992           | 8.1        | 5,558            | 12.1       | 20,550                 | 10                                  |
| Kweneng North      | 678            | 5.2        | 179            | 4.0        | 857            | 6,096            | 3.3        | 2,241            | 4.9        | 8,337                  | 10                                  |
| Kweneng West       | 386            | 2.9        | 114            | 2.6        | 500            | 4,700            | 2.5        | 925              | 2.0        | 5,625                  | 11                                  |
| Kgatleng           | 602            | 4.6        | 142            | 3.2        | 744            | 6,561            | 3.5        | 1,086            | 2.4        | 7,647                  | 10                                  |
| GABORONE REGION    | 3,132          | 23.9       | 1,191          | 26.8       | 4,323          | 34,349           | 18.4       | 10,366           | 22.6       | 44,715                 | 10                                  |
| Mahalapye East     | 763            | 5.8        | 144            | 3.2        | 907            | 11,094           | 6.0        | 1,524            | 3.3        | 12,618                 | 14                                  |
| Mahalapye West     | 595            | 4.5        | 244            | 5.5        | 839            | 6,046            | 3.2        | 1,776            | 3.9        | 7,822                  | 9                                   |
| Palapye            | 407            | 3.1        | 182            | 4.1        | 589            | 5,486            | 2.9        | 1,627            | 3.5        | 7,113                  | 12                                  |
| Serowe             | 523            | 4.0        | 212            | 4.8        | 735            | 6,561            | 3.5        | 3,163            | 6.9        | 9,724                  | 13                                  |
| Bobonong           | 635            | 4.9        | 231            | 5.2        | 866            | 6,512            | 3.5        | 2,349            | 5.1        | 8,861                  | 10                                  |
| Lethakane          | 532            | 4.1        | 111            | 2.5        | 643            | 7,565            | 4.1        | 1,341            | 2.9        | 8,906                  | 14                                  |
| Selebi-Phikwe      | 501            | 3.8        | 299            | 6.7        | 800            | 7,335            | 3.9        | 2,346            | 5.1        | 9,681                  | 12                                  |
| CENTRAL REGION     | 3,956          | 30.2       | 1,423          | 32.0       | 5,379          | 50,599           | 27.2       | 14,126           | 30.8       | 64,725                 | 12                                  |
| Tati               | 325            | 2.5        | 116            | 2.6        | 441            | 2,724            | 1.5        | 397              | 0.9        | 3,121                  | 7                                   |
| Tutume             | 529            | 4.0        | 72             | 1.6        | 601            | 4,324            | 2.3        | 724              | 1.6        | 5,048                  | 8                                   |
| Tonota             | 658            | 5.0        | 274            | 6.2        | 932            | 6,212            | 3.3        | 1,988            | 4.3        | 8,200                  | 9                                   |
| FRANCISTOWN REGION | 1,512          | 11.6       | 462            | 10.4       | 1,974          | 13,260           | 7.1        | 3,109            | 6.8        | 16,369                 | 8                                   |
| Ngamiland West     | 117            | 0.9        | 30             | 0.7        | 147            | 4,330            | 2.3        | 543              | 1.2        | 4,873                  | 33                                  |
| Ngamiland East     | 746            | 5.7        | 238            | 5.4        | 984            | 13,962           | 7.5        | 3,962            | 8.6        | 17,924                 | 18                                  |
| Chobe              | 14             | 0.1        | 1              | -          | 15             | 88               | 0.0        | 0                | -          | 88                     | 6                                   |
| MAUN REGION        | 877            | 6.7        | 269            | 6.1        | 1,146          | 18,380           | 9.9        | 4,505            | 9.8        | 22,885                 | 20                                  |
| Gantsi             | 201            | 1.5        | 54             | 1.2        | 255            | 7,357            | 4.0        | 1,491            | 3.2        | 8,848                  | 35                                  |
| Hukuntsi           | 183            | 1.4        | 42             | 0.9        | 225            | 2,854            | 1.5        | 167              | 0.4        | 3,021                  | 13                                  |
| Tsabong            | 562            | 4.3        | 163            | 3.7        | 725            | 27,087           | 14.5       | 5,187            | 11.3       | 32,274                 | 45                                  |
| WESTERN REGION     | 946            | 7.2        | 259            | 5.8        | 1,205          | 37,298           | 20.0       | 6,845            | 14.9       | 44,143                 | 37                                  |
| TOTAL TRADITIONAL  | 13,090         | 100.0      | 4,442          | 100.0      | 17,532         | 186,235          | 100.0      | 45,933           | 100.0      | 232,168                | 13                                  |

TABLE 5.8B: SHEEP HOLDINGS AND POPULATION BY GENDER AND SHEEP HERD SIZE

| Sheep Flock Size  | Sheep Holdings |            | Sheep Holdings |            | Total Holdings | Sheep Population |            | Sheep Population |            | Total Sheep Population | Average Number of Sheep Per Holding |
|-------------------|----------------|------------|----------------|------------|----------------|------------------|------------|------------------|------------|------------------------|-------------------------------------|
|                   | Male Owned     | Percentage | Female Owned   | Percentage |                | Male Owned       | Percentage | Female Owned     | Percentage |                        |                                     |
| 01 - 10           | 7,663          | 58.5       | 3,205          | 72.2       | 10,868         | 38,429           | 20.6       | 14,473           | 31.5       | 52,902                 | 5                                   |
| 11 - 20           | 3,183          | 24.3       | 773            | 17.4       | 3,956          | 46,249           | 24.8       | 11,137           | 24.2       | 57,386                 | 15                                  |
| 21 - 30           | 926            | 7.1        | 200            | 4.5        | 1,126          | 22,926           | 12.3       | 4,928            | 10.7       | 27,854                 | 25                                  |
| 31 - 40           | 577            | 4.4        | 88             | 2.0        | 665            | 20,418           | 11.0       | 3,105            | 6.8        | 23,523                 | 35                                  |
| 41 - 50           | 253            | 1.9        | 20             | 0.5        | 273            | 11,704           | 6.3        | 937              | 2.0        | 12,641                 | 46                                  |
| 51 - 60           | 141            | 1.1        | 29             | 0.7        | 170            | 7,804            | 4.2        | 1,598            | 3.5        | 9,402                  | 55                                  |
| 61 - 70           | 80             | 0.6        | 35             | 0.8        | 115            | 5,161            | 2.8        | 2,392            | 5.2        | 7,553                  | 66                                  |
| 71 - 80           | 48             | 0.4        | 6              | 0.1        | 54             | 3,591            | 1.9        | 441              | 1.0        | 4,032                  | 75                                  |
| 81 - 90           | 39             | 0.3        | 12             | 0.3        | 51             | 3,287            | 1.8        | 1,030            | 2.2        | 4,317                  | 85                                  |
| 91 - 100          | 15             | 0.1        | 18             | 0.4        | 33             | 1,427            | 0.8        | 1,674            | 3.6        | 3,101                  | 94                                  |
| 101 +             | 165            | 1.3        | 56             | 1.3        | 221            | 25,239           | 13.6       | 4,218            | 9.2        | 29,457                 | 133                                 |
| TOTAL TRADITIONAL | 13,090         | 100.0      | 4,442          | 100.0      | 17,532         | 186,235          | 100.0      | 45,933           | 100.0      | 232,168                | 13                                  |

TABLE 5.8C: SHEEP HOLDINGS AND POPULATION BY GENDER AND AGE GROUP OF HOLDER

| Age Group of Holder | Sheep Holdings |            | Sheep Holdings |            | Total Holdings | Sheep Population |            | Sheep Population |            | Total Sheep Population | Average Number of Sheep Per Holding |
|---------------------|----------------|------------|----------------|------------|----------------|------------------|------------|------------------|------------|------------------------|-------------------------------------|
|                     | Male Owned     | Percentage | Female Owned   | Percentage |                | Male Owned       | Percentage | Female Owned     | Percentage |                        |                                     |
| 12 - 14             | 2              | 0.0        | -              | -          | 2              | 34               | 0.0        | -                | -          | 34                     | 17                                  |
| 15 - 19             | -              | -          | 1              | 0.0        | 1              | -                | -          | 14               | 0.0        | 14                     | 14                                  |
| 20 - 24             | 33             | 0.3        | 4              | 0.1        | 37             | 258              | 0.1        | 156              | 0.3        | 414                    | 11                                  |
| 25 - 29             | 107            | 0.8        | 32             | 0.7        | 139            | 865              | 0.5        | 146              | 0.3        | 1,011                  | 7                                   |
| 30 - 34             | 338            | 2.6        | 125            | 2.8        | 463            | 5,124            | 2.8        | 1,380            | 3.0        | 6,504                  | 14                                  |
| 35 - 39             | 652            | 5.0        | 197            | 4.4        | 849            | 8,920            | 4.8        | 1,291            | 2.8        | 10,211                 | 12                                  |
| 40 - 44             | 987            | 7.5        | 269            | 6.1        | 1,256          | 15,216           | 8.2        | 1,811            | 3.9        | 17,027                 | 14                                  |
| 45 - 49             | 1,327          | 10.1       | 542            | 12.2       | 1,869          | 15,880           | 8.5        | 4,502            | 9.8        | 20,382                 | 11                                  |
| 50 - 54             | 1,815          | 13.9       | 525            | 11.8       | 2,340          | 35,711           | 19.2       | 5,112            | 11.1       | 40,823                 | 17                                  |
| 55 - 59             | 1,832          | 14.0       | 473            | 10.6       | 2,305          | 27,461           | 14.7       | 4,011            | 8.7        | 31,472                 | 14                                  |
| 60 - 64             | 1,695          | 12.9       | 400            | 9.0        | 2,095          | 20,866           | 11.2       | 5,911            | 12.9       | 26,777                 | 13                                  |
| 65 +                | 4,302          | 32.9       | 1,874          | 42.2       | 6,176          | 55,900           | 30.0       | 21,599           | 47.0       | 77,499                 | 13                                  |
| TOTAL TRADITIONAL.  | 13,090         | 100.0      | 4,442          | 100.0      | 17,532         | 186,235          | 100.0      | 45,933           | 100.0      | 232,168                | 13                                  |

TABLE 5.9A: SHEEP COMPOSITION BY DISTRICT AND REGION

| District/Region    | Male Sheep<br>One Year and Over | Female Sheep<br>One Year and Over | Male Sheep<br>Under One Year | Female Sheep<br>Under One Year | Total<br>Sheep |
|--------------------|---------------------------------|-----------------------------------|------------------------------|--------------------------------|----------------|
| Barolong           | 922                             | 2,591                             | 639                          | 667                            | 4,819          |
| Ngwaketse South    | 937                             | 3,304                             | 651                          | 736                            | 5,628          |
| Ngwaketse North    | 1,326                           | 5,143                             | 1,178                        | 966                            | 8,613          |
| Ngwaketse Central  | 1,742                           | 6,489                             | 1,771                        | 1,521                          | 11,523         |
| Ngwaketse West     | 1,484                           | 4,750                             | 1,102                        | 1,412                          | 8,748          |
| SOUTHERN REGION    | 6,411                           | 22,277                            | 5,341                        | 5,302                          | 39,331         |
| Bamalete/Tlokweng  | 600                             | 1,403                             | 256                          | 297                            | 2,556          |
| Kweneng South      | 4,049                           | 10,087                            | 3,436                        | 2,978                          | 20,550         |
| Kweneng North      | 1,275                           | 4,727                             | 1,198                        | 1,137                          | 8,337          |
| Kweneng West       | 1,004                           | 2,848                             | 915                          | 858                            | 5,625          |
| Kgatleng           | 1,383                           | 3,993                             | 1,255                        | 1,016                          | 7,647          |
| GABORONE REGION    | 8,311                           | 23,058                            | 7,060                        | 6,286                          | 44,715         |
| Mahalapye East     | 1,835                           | 7,344                             | 1,670                        | 1,769                          | 12,618         |
| Mahalapye West     | 1,410                           | 4,351                             | 862                          | 1,199                          | 7,822          |
| Palapye            | 1,244                           | 3,727                             | 1,082                        | 1,060                          | 7,113          |
| Serowe             | 1,385                           | 5,615                             | 1,297                        | 1,427                          | 9,724          |
| Bobonong           | 1,528                           | 4,732                             | 1,319                        | 1,282                          | 8,861          |
| Letlhakane         | 1,362                           | 4,587                             | 1,529                        | 1,428                          | 8,906          |
| Selebi-Phikwe      | 1,381                           | 5,439                             | 1,484                        | 1,377                          | 9,681          |
| CENTRAL REGION     | 10,145                          | 35,795                            | 9,243                        | 9,542                          | 64,725         |
| Tati               | 533                             | 1,953                             | 354                          | 281                            | 3,121          |
| Tutume             | 920                             | 2,701                             | 802                          | 625                            | 5,048          |
| Tonota             | 1,331                           | 4,518                             | 1,146                        | 1,205                          | 8,200          |
| FRANCISTOWN REGION | 2,784                           | 9,172                             | 2,302                        | 2,111                          | 16,369         |
| Ngamiland West     | 1,199                           | 2,406                             | 630                          | 638                            | 4,873          |
| Ngamiland East     | 3,124                           | 9,679                             | 2,484                        | 2,637                          | 17,924         |
| Chobe              | 65                              | 23                                | -                            | -                              | 88             |
| MAUN REGION        | 4,388                           | 12,108                            | 3,114                        | 3,275                          | 22,885         |
| Gantsi             | 1,567                           | 5,026                             | 922                          | 1,333                          | 8,848          |
| Hukuntsi           | 505                             | 1,724                             | 335                          | 457                            | 3,021          |
| Tsabong            | 2,898                           | 19,254                            | 4,586                        | 5,536                          | 32,274         |
| WESTERN REGION     | 4,970                           | 26,004                            | 5,843                        | 7,326                          | 44,143         |
| TOTAL TRADITIONAL  | 37,009                          | 128,414                           | 32,903                       | 33,842                         | 232,168        |



TABLE 5.9B: SHEEP COMPOSITION BY SHEEP FLOCK SIZE

| <i>Sheep Flock Size</i>  | <i>Male Sheep<br/>One Year and Over</i> | <i>Female Sheep<br/>One Year and Over</i> | <i>Male Sheep<br/>Under One Year</i> | <i>Female Sheep<br/>Under One Year</i> | <i>Total<br/>Sheep</i> |
|--------------------------|-----------------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------|------------------------|
| 01 - 10                  | 8,872                                   | 30,114                                    | 7,282                                | 6,634                                  | 52,902                 |
| 11 - 20                  | 9,912                                   | 30,022                                    | 8,423                                | 9,029                                  | 57,386                 |
| 21 - 30                  | 4,866                                   | 15,031                                    | 3,935                                | 4,022                                  | 27,854                 |
| 31 - 40                  | 3,594                                   | 13,188                                    | 3,370                                | 3,371                                  | 23,523                 |
| 41 - 50                  | 1,723                                   | 6,854                                     | 2,074                                | 1,990                                  | 12,641                 |
| 51 - 60                  | 1,209                                   | 5,776                                     | 1,186                                | 1,231                                  | 9,402                  |
| 61 - 70                  | 791                                     | 4,376                                     | 1,145                                | 1,241                                  | 7,553                  |
| 71 - 80                  | 548                                     | 2,485                                     | 425                                  | 574                                    | 4,032                  |
| 81 - 90                  | 774                                     | 2,201                                     | 659                                  | 683                                    | 4,317                  |
| 91 - 100                 | 744                                     | 1,781                                     | 280                                  | 296                                    | 3,101                  |
| 101 +                    | 3,976                                   | 16,586                                    | 4,124                                | 4,771                                  | 29,457                 |
| <b>TOTAL TRADITIONAL</b> | <b>37,009</b>                           | <b>128,414</b>                            | <b>32,903</b>                        | <b>33,842</b>                          | <b>232,168</b>         |

TABLE 5.9C: PERCENTAGES: SHEEP COMPOSITION BY SHEEP FLOCK SIZE

| <i>Sheep Flock Size</i>  | <i>Male Sheep<br/>One Year and Over</i> | <i>Female Sheep<br/>One Year and Over</i> | <i>Male Sheep<br/>Under One Year</i> | <i>Female Sheep<br/>Under One Year</i> | <i>Total<br/>Sheep</i> |
|--------------------------|-----------------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------|------------------------|
| 01 - 10                  | 16.8                                    | 56.9                                      | 13.8                                 | 12.5                                   | 100.0                  |
| 11 - 20                  | 17.3                                    | 52.3                                      | 14.7                                 | 15.7                                   | 100.0                  |
| 21 - 30                  | 17.5                                    | 54.0                                      | 14.1                                 | 14.4                                   | 100.0                  |
| 31 - 40                  | 15.3                                    | 56.1                                      | 14.3                                 | 14.3                                   | 100.0                  |
| 41 - 50                  | 13.6                                    | 54.2                                      | 16.4                                 | 15.7                                   | 100.0                  |
| 51 - 60                  | 12.9                                    | 61.4                                      | 12.6                                 | 13.1                                   | 100.0                  |
| 61 - 70                  | 10.5                                    | 57.9                                      | 15.2                                 | 16.4                                   | 100.0                  |
| 71 - 80                  | 13.6                                    | 61.6                                      | 10.5                                 | 14.2                                   | 100.0                  |
| 81 - 90                  | 17.9                                    | 51.0                                      | 15.3                                 | 15.8                                   | 100.0                  |
| 91 - 100                 | 24.0                                    | 57.4                                      | 9.0                                  | 9.5                                    | 100.0                  |
| 101 +                    | 13.5                                    | 56.3                                      | 14.0                                 | 16.2                                   | 100.0                  |
| <b>TOTAL TRADITIONAL</b> | <b>15.9</b>                             | <b>55.3</b>                               | <b>14.2</b>                          | <b>14.6</b>                            | <b>100.0</b>           |

TABLE 5.10: SHEEP HOLDING BY TYPE OF BREED, DISTRICT AND REGION

| District/Region     | Tswana | Dorper | Karakul | Crosses | Other |
|---------------------|--------|--------|---------|---------|-------|
| Barolong            | 348    | 24     | -       | -       | -     |
| Ngwaketse South     | 505    | 1      | -       | 7       | -     |
| Ngwaketse North     | 927    | 20     | 2       | 9       | -     |
| Ngwaketse Central   | 1,040  | 14     | -       | 7       | -     |
| Ngwaketse West      | 533    | 67     | 6       | 24      | 9     |
| SOUTHERN REGION     | 3,353  | 126    | 8       | 47      | 9     |
| Bamalete/Tlokweneng | 182    | 44     | 7       | 3       | 7     |
| Kweneng South       | 1,941  | 46     | -       | 18      | -     |
| Kweneng North       | 757    | 70     | 22      | 70      | 26    |
| Kweneng West        | 451    | 47     | 2       | 32      | -     |
| Kgatleng            | 710    | 10     | 0       | 15      | 11    |
| GABORONE REGION     | 4,041  | 217    | 31      | 138     | 44    |
| Mahalapye East      | 872    | 32     | 1       | 8       | 2     |
| Mahalapye West      | 809    | 32     | 3       | 38      | 1     |
| Palapye             | 550    | 28     | -       | 17      | -     |
| Serowe              | 701    | 63     | 25      | 23      | 3     |
| Bobonong            | 748    | 87     | 4       | 37      | -     |
| Letlhakane          | 569    | 63     | 1       | 34      | 1     |
| Selebi-Phikwe       | 713    | 46     | -       | 45      | 26    |
| CENTRAL REGION      | 4,962  | 351    | 34      | 202     | 33    |
| Tati                | 415    | 19     | -       | -       | -     |
| Tutume              | 594    | 5      | 2       | 10      | -     |
| Tonota              | 910    | 21     | -       | 6       | -     |
| FRANCISTOWN REGION  | 1,919  | 45     | 2       | 16      | -     |
| Ngamiland West      | 143    | 4      | -       | -       | -     |
| Ngamiland East      | 879    | 97     | 5       | 37      | 6     |
| Chobe               | 14     | -      | -       | -       | -     |
| MAUN REGION         | 1,036  | 101    | 5       | 37      | 6     |
| Gantsi              | 110    | 118    | 15      | 15      | 15    |
| Hukuntsi            | 136    | 92     | -       | 3       | -     |
| Tsabong             | 399    | 291    | 41      | 62      | 27    |
| WESTERN REGION      | 645    | 501    | 56      | 80      | 42    |
| TOTAL TRADITIONAL   | 15,956 | 1,341  | 136     | 520     | 134   |

TABLE 5.11: SHEEP POPULATION BY TYPE OF BREED, DISTRICT AND REGION

| District\Region     | Tswana  | Dorper | Karakul | Crosses | Other | Total sheep |
|---------------------|---------|--------|---------|---------|-------|-------------|
| Barolong            | 4,161   | 658    | -       | -       | -     | 4,819       |
| Ngwaketse South     | 5,540   | 2      | -       | 86      | -     | 5,628       |
| Ngwaketse North     | 8,074   | 495    | 10      | 34      | -     | 8,613       |
| Ngwaketse Central   | 11,303  | 183    | -       | 37      | -     | 11,523      |
| Ngwaketse West      | 6,527   | 1,716  | 6       | 426     | 73    | 8,748       |
| SOUTHERN REGION     | 35,605  | 3,054  | 16      | 583     | 73    | 39,331      |
| Bamalete/Tlokweneng | 1,772   | 704    | 42      | 24      | 14    | 2,556       |
| Kweneng South       | 17,260  | 2,840  | -       | 450     | -     | 20,550      |
| Kweneng North       | 6,159   | 690    | 91      | 1,172   | 225   | 8,337       |
| Kweneng West        | 4,509   | 663    | 12      | 441     | -     | 5,625       |
| Kgatleng            | 7,026   | 311    | -       | 112     | 198   | 7,647       |
| GABORONE REGION     | 36,726  | 5,208  | 145     | 2,199   | 437   | 44,715      |
| Mahalapye East      | 11,683  | 794    | 1       | 75      | 65    | 12,618      |
| Mahalapye West      | 6,914   | 385    | 3       | 496     | 24    | 7,822       |
| Palapye             | 6,353   | 498    | -       | 262     | -     | 7,113       |
| Serowe              | 7,852   | 988    | 607     | 259     | 18    | 9,724       |
| Bobonong            | 7,073   | 1,257  | 52      | 479     | -     | 8,861       |
| Letlhakane          | 7,075   | 821    | 47      | 959     | 4     | 8,906       |
| Selebi-Phikwe       | 7,332   | 322    | -       | 1,545   | 482   | 9,681       |
| CENTRAL REGION      | 54,282  | 5,065  | 710     | 4,075   | 593   | 64,725      |
| Tati                | 3,007   | 114    | -       | -       | -     | 3,121       |
| Tutume              | 4,980   | 45     | 2       | 21      | -     | 5,048       |
| Tonota              | 7,882   | 229    | -       | 89      | -     | 8,200       |
| FRANCISTOWN REGION  | 15,869  | 388    | 2       | 110     | -     | 16,369      |
| Ngamiland West      | 4,845   | 28     | -       | -       | -     | 4,873       |
| Ngamiland East      | 14,888  | 1,611  | 79      | 981     | 365   | 17,924      |
| Chobe               | 88      | -      | -       | -       | -     | 88          |
| MAUN REGION         | 19,821  | 1,639  | 79      | 981     | 365   | 22,885      |
| Gantsi              | 2,995   | 4,414  | 210     | 617     | 612   | 8,848       |
| Hukuntsi            | 1,649   | 1,327  | -       | 45      | -     | 3,021       |
| Tsabong             | 9,201   | 17,578 | 2,413   | 1,701   | 1,381 | 32,274      |
| WESTERN REGION      | 13,845  | 23,319 | 2,623   | 2,363   | 1,993 | 44,143      |
| TOTAL TRADITIONAL   | 176,148 | 38,673 | 3,575   | 10,311  | 3,461 | 232,168     |

TABLE 5.12A: SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT AND REGION

| District/Region    | Sales  | Home Slaughter | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|--------------------|--------|----------------|-----------|---------|--------|--------|------------|--------|
| Barolong           | 93     | 169            | 22        | 240     | 1,771  | 994    | 40         | 329    |
| Ngwaketse South    | 60     | 131            | 53        | 138     | 2,110  | 1,172  | 56         | 251    |
| Ngwaketse North    | 239    | 135            | 48        | 326     | 2,814  | 1,396  | 67         | 347    |
| Ngwaketse Central  | 184    | 230            | 106       | 308     | 4,876  | 3,447  | 64         | 460    |
| Ngwaketse West     | 155    | 273            | 66        | 362     | 3,639  | 2,343  | 51         | 498    |
| SOUTHERN REGION    | 731    | 938            | 295       | 1,374   | 15,210 | 9,352  | 278        | 1,885  |
| Bamalete/Tlokweng  | 150    | 137            | 97        | 190     | 793    | 550    | 27         | 143    |
| Kweneng South      | 1,528  | 919            | 114       | 2,333   | 8,311  | 3,163  | 35         | 884    |
| Kweneng North      | 380    | 447            | 183       | 644     | 3,654  | 2,443  | 54         | 312    |
| Kweneng West       | 184    | 228            | 160       | 252     | 2,501  | 1,249  | 52         | 455    |
| Kgatleng           | 250    | 280            | 117       | 413     | 4,355  | 3,586  | 37         | 944    |
| GABORONE REGION    | 2,492  | 2,011          | 671       | 3,832   | 19,614 | 10,991 | 205        | 2,738  |
| Mahalapye East     | 330    | 379            | 164       | 545     | 4,310  | 1,464  | 88         | 277    |
| Mahalapye West     | 465    | 318            | 114       | 669     | 2,769  | 1,143  | 54         | 350    |
| Palapye            | 282    | 261            | 9         | 534     | 2,939  | 1,020  | 133        | 300    |
| Serowe             | 357    | 322            | 245       | 434     | 3,647  | 1,760  | 31         | 663    |
| Bobonong           | 276    | 279            | 79        | 476     | 3,599  | 2,264  | 23         | 1,181  |
| Letlhakane         | 316    | 344            | 124       | 536     | 4,755  | 2,474  | 79         | 1,128  |
| Selebi-Phikwe      | 499    | 450            | 68        | 881     | 3,873  | 1,642  | 58         | 380    |
| CENTRAL REGION     | 2,525  | 2,353          | 803       | 4,075   | 25,892 | 11,767 | 466        | 4,279  |
| Tati               | 189    | 165            | 18        | 336     | 985    | 350    | 44         | 381    |
| Tutume             | 300    | 325            | 90        | 535     | 1,713  | 629    | 47         | 139    |
| Tonota             | 203    | 251            | 127       | 327     | 3,291  | 1,611  | 56         | 756    |
| FRANCISTOWN REGION | 692    | 741            | 235       | 1,198   | 5,989  | 2,590  | 147        | 1,276  |
| Ngamiland West     | 84     | 95             | -         | 179     | 1,640  | 894    | 32         | 124    |
| Ngamiland East     | 385    | 807            | 426       | 766     | 7,309  | 4,501  | 535        | 1,285  |
| Chobe              | -      | 3              | 49        | (46)    | -      | 12     | 2          | 8      |
| MAUN REGION        | 469    | 905            | 475       | 899     | 8,949  | 5,407  | 569        | 1,417  |
| Gantsi             | 473    | 347            | 191       | 629     | 2,935  | 1,279  | 115        | 497    |
| Hukuntsi           | 82     | 196            | 150       | 128     | 1,301  | 731    | 217        | 389    |
| Tsabong            | 2,540  | 1,543          | 231       | 3,852   | 12,190 | 3,462  | 1,113      | 2,382  |
| WESTERN REGION     | 3,095  | 2,086          | 572       | 4,609   | 16,426 | 5,472  | 1,445      | 3,268  |
| TOTAL TRADITIONAL  | 10,004 | 9,034          | 3,051     | 15,987  | 92,080 | 45,579 | 3,110      | 14,863 |

TABLE 5.12B: PERCENTAGE: SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE, ...) BY DISTRICT AND REGION

| District/Region     | Sales | Home Slaughter | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|---------------------|-------|----------------|-----------|---------|--------|--------|------------|--------|
| Barolong            | 1.9   | 3.5            | 0.5       | 5.0     | 36.8   | 20.6   | 0.8        | 6.8    |
| Ngwaketse South     | 1.1   | 2.3            | 0.9       | 2.5     | 37.5   | 20.8   | 1.0        | 4.5    |
| Ngwaketse North     | 2.8   | 1.6            | 0.6       | 3.8     | 32.7   | 16.2   | 0.8        | 4.0    |
| Ngwaketse Central   | 1.6   | 2.0            | 0.9       | 2.7     | 42.3   | 29.9   | 0.6        | 4.0    |
| Ngwaketse West      | 1.8   | 3.1            | 0.8       | 4.1     | 41.6   | 26.8   | 0.6        | 5.7    |
| SOUTHERN REGION     | 1.9   | 2.4            | 0.8       | 3.5     | 38.7   | 23.8   | 0.7        | 4.8    |
| Bamalete/Tlokweneng | 5.9   | 5.4            | 3.8       | 7.4     | 31.0   | 21.5   | 1.1        | 5.6    |
| Kweneng South       | 7.4   | 4.5            | 0.6       | 11.4    | 40.4   | 15.4   | 0.2        | 4.3    |
| Kweneng North       | 4.6   | 5.4            | 2.2       | 7.7     | 43.8   | 29.3   | 0.6        | 3.7    |
| Kweneng West        | 3.3   | 4.1            | 2.8       | 4.5     | 44.5   | 22.2   | 0.9        | 8.1    |
| Kgatleng            | 3.3   | 3.7            | 1.5       | 5.4     | 57.0   | 46.9   | 0.5        | 12.3   |
| GABORONE REGION     | 5.6   | 4.5            | 1.5       | 8.6     | 43.9   | 24.6   | 0.5        | 6.1    |
| Mahalapye East      | 2.6   | 3.0            | 1.3       | 4.3     | 34.2   | 11.6   | 0.7        | 2.2    |
| Mahalapye West      | 5.9   | 4.1            | 1.5       | 8.6     | 35.4   | 14.6   | 0.7        | 4.5    |
| Palapye             | 4.0   | 3.7            | 0.1       | 7.5     | 41.3   | 14.3   | 1.9        | 4.2    |
| Serowe              | 3.7   | 3.3            | 2.5       | 4.5     | 37.5   | 18.1   | 0.3        | 6.8    |
| Bobonong            | 3.1   | 3.1            | 0.9       | 5.4     | 40.6   | 25.6   | 0.3        | 13.3   |
| Letlhakane          | 3.5   | 3.9            | 1.4       | 6.0     | 53.4   | 27.8   | 0.9        | 12.7   |
| Selebi-Phikwe       | 5.2   | 4.6            | 0.7       | 9.1     | 40.0   | 17.0   | 0.6        | 3.9    |
| CENTRAL REGION      | 3.9   | 3.6            | 1.2       | 6.3     | 40.0   | 18.2   | 0.7        | 6.6    |
| Tati                | 6.1   | 5.3            | 0.6       | 10.8    | 31.6   | 11.2   | 1.4        | 12.2   |
| Tutume              | 5.9   | 6.4            | 1.8       | 10.6    | 33.9   | 12.5   | 0.9        | 2.8    |
| Tonota              | 2.5   | 3.1            | 1.5       | 4.0     | 40.1   | 19.6   | 0.7        | 9.2    |
| FRANCISTOWN REGION  | 4.2   | 4.5            | 1.4       | 7.3     | 36.6   | 15.8   | 0.9        | 7.8    |
| Ngamiland West      | 1.7   | 1.9            | -         | -       | -      | -      | -          | -      |
| Ngamiland East      | 2.1   | 4.5            | 2.4       | 4.3     | 40.8   | 25.1   | 3.0        | 7.2    |
| Chobe               | -     | 3.4            | 55.7      | (52.3)  | -      | 13.6   | 2.3        | 9.1    |
| MAUN REGION         | 2.0   | 4.0            | 2.1       | 3.9     | 39.1   | 23.6   | 2.5        | 6.2    |
| Gantsi              | 5.3   | 3.9            | 2.2       | 7.1     | 33.2   | 14.5   | 1.3        | 5.6    |
| Hukuntsi            | 2.7   | 6.5            | 5.0       | 4.2     | 43.1   | 24.2   | 7.2        | 12.9   |
| Tsabong             | 7.9   | 4.8            | 0.7       | 11.9    | 37.8   | 10.7   | 3.4        | 7.4    |
| WESTERN REGION      | 7.0   | 4.7            | 1.3       | 10.4    | 37.2   | 12.4   | 3.3        | 7.4    |
| TOTAL TRADITIONAL   | 4.3   | 3.9            | 1.3       | 6.9     | 39.7   | 19.6   | 1.3        | 6.4    |

TABLE 5.12C: SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE, ...) BY SHEEP FLOCK SIZE

| Sheep Flock Size  | Sales  | Home Slaughter | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|--------|----------------|-----------|---------|--------|--------|------------|--------|
| 01 - 10           | 2,213  | 2,094          | 1,759     | 2,548   | 23,202 | 18,574 | 1,099      | 6,008  |
| 11 - 20           | 1,461  | 2,196          | 592       | 3,065   | 23,996 | 10,872 | 418        | 3,839  |
| 21 - 30           | 1,020  | 847            | 226       | 1,641   | 10,764 | 5,199  | 240        | 1,138  |
| 31 - 40           | 948    | 884            | 196       | 1,636   | 8,977  | 3,240  | 274        | 1,159  |
| 41 - 50           | 561    | 495            | 13        | 1,043   | 5,080  | 1,633  | 97         | 247    |
| 51 - 60           | 264    | 321            | 211       | 374     | 3,294  | 1,613  | 59         | 931    |
| 61 - 70           | 394    | 282            | 2         | 674     | 2,921  | 934    | 83         | 126    |
| 71 - 80           | 160    | 83             | 5         | 238     | 1,283  | 570    | 51         | 105    |
| 81 - 90           | 205    | 155            | -         | 360     | 1,547  | 280    | 17         | 242    |
| 91 - 100          | 95     | 204            | -         | 299     | 661    | 103    | 26         | 112    |
| 101 +             | 2,683  | 1,473          | 47        | 4,109   | 10,355 | 2,561  | 746        | 956    |
| TOTAL TRADITIONAL | 10,004 | 9,034          | 3,051     | 15,987  | 92,080 | 45,579 | 3,110      | 14,863 |

TABLE 5.12D: PERCENTAGE: SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE, ...) BY GOAT FLOCK SIZE

| Sheep Flock Size  | Sales | Home Slaughter | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|-------|----------------|-----------|---------|--------|--------|------------|--------|
| 01 - 10           | 4.2   | 4.0            | 3.3       | 4.8     | 43.9   | 35.1   | 2.1        | 11.4   |
| 11 - 20           | 2.5   | 3.8            | 1.0       | 5.3     | 41.8   | 18.9   | 0.7        | 6.7    |
| 21 - 30           | 3.7   | 3.0            | 0.8       | 5.9     | 38.6   | 18.7   | 0.9        | 4.1    |
| 31 - 40           | 4.0   | 3.8            | 0.8       | 7.0     | 38.2   | 13.8   | 1.2        | 4.9    |
| 41 - 50           | 4.4   | 3.9            | 0.1       | 8.3     | 40.2   | 12.9   | 0.8        | 2.0    |
| 51 - 60           | 2.8   | 3.4            | 2.2       | 4.0     | 35.0   | 17.2   | 0.6        | 9.9    |
| 61 - 70           | 5.2   | 3.7            | 0.0       | 8.9     | 38.7   | 12.4   | 1.1        | 1.7    |
| 71 - 80           | 4.0   | 2.1            | 0.1       | 5.9     | 31.8   | 14.1   | 1.3        | 2.6    |
| 81 - 90           | 4.7   | 3.6            | -         | 8.3     | 35.8   | 6.5    | 0.4        | 5.6    |
| 91 - 100          | 3.1   | 6.6            | -         | 9.6     | 21.3   | 3.3    | 0.8        | 3.6    |
| 101 +             | 9.1   | 5.0            | 0.2       | 13.9    | 35.2   | 8.7    | 2.5        | 3.2    |
| TOTAL TRADITIONAL | 4.3   | 3.9            | 1.3       | 6.9     | 39.7   | 19.6   | 1.3        | 6.4    |

TABLE 5.13: SHEEP SALES AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District\Region    | Number of Holdings<br>Selling Sheep | Percentage | Total<br>Sheep Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Received (Pula) |
|--------------------|-------------------------------------|------------|----------------------|------------|----------------------------------|---------------------------------------|----------------------------------|
| Barolong           | 23                                  | 0.7        | 93                   | 0.9        | 25,850                           | 1,124                                 | 278                              |
| Ngwaketse South    | 64                                  | 1.9        | 60                   | 0.6        | 17,070                           | 267                                   | 285                              |
| Ngwaketse North    | 133                                 | 3.9        | 239                  | 2.4        | 71,120                           | 535                                   | 298                              |
| Ngwaketse Central  | 107                                 | 3.2        | 184                  | 1.8        | 45,090                           | 421                                   | 245                              |
| Ngwaketse West     | 73                                  | 2.1        | 155                  | 1.5        | 44,620                           | 611                                   | 288                              |
| SOUTHERN REGION    | 400                                 | 11.8       | 731                  | 7.3        | 203,750                          | 509                                   | 279                              |
| Bamalete/Tlokweng  | 97                                  | 2.9        | 150                  | 1.5        | 42,648                           | 440                                   | 284                              |
| Kweneng South      | 315                                 | 9.3        | 1,528                | 15.3       | 537,250                          | 1,706                                 | 352                              |
| Kweneng North      | 230                                 | 6.8        | 380                  | 3.8        | 113,740                          | 495                                   | 299                              |
| Kweneng West       | 110                                 | 3.2        | 184                  | 1.8        | 58,410                           | 531                                   | 317                              |
| Kgatleng           | 160                                 | 4.7        | 250                  | 2.5        | 67,250                           | 420                                   | 269                              |
| GABORONE REGION    | 912                                 | 26.9       | 2,492                | 24.9       | 819,298                          | 898                                   | 329                              |
| Mahalapye East     | 206                                 | 6.1        | 330                  | 3.3        | 82,390                           | 400                                   | 250                              |
| Mahalapye West     | 142                                 | 4.2        | 465                  | 4.6        | 103,420                          | 728                                   | 222                              |
| Palapye            | 109                                 | 3.2        | 282                  | 2.8        | 77,920                           | 715                                   | 276                              |
| Serowe             | 161                                 | 4.7        | 357                  | 3.6        | 93,030                           | 578                                   | 261                              |
| Bobonong           | 130                                 | 3.8        | 276                  | 2.8        | 60,590                           | 466                                   | 220                              |
| Letlhakane         | 121                                 | 3.6        | 316                  | 3.2        | 64,975                           | 537                                   | 206                              |
| Selebi-Phikwe      | 217                                 | 6.4        | 499                  | 5.0        | 110,990                          | 511                                   | 222                              |
| CENTRAL REGION     | 1,086                               | 32.0       | 2,525                | 25.2       | 593,315                          | 546                                   | 235                              |
| Tati               | 106                                 | 3.1        | 189                  | 1.9        | 45,860                           | 433                                   | 243                              |
| Tutume             | 135                                 | 4.0        | 300                  | 3.0        | 74,790                           | 554                                   | 249                              |
| Tonota             | 169                                 | 5.0        | 203                  | 2.0        | 53,088                           | 314                                   | 262                              |
| FRANCISTOWN REGION | 410                                 | 12.1       | 692                  | 6.9        | 173,738                          | 424                                   | 251                              |
| Ngamiland West     | 24                                  | 0.7        | 84                   | 0.8        | 14,840                           | 618                                   | 177                              |
| Ngamiland East     | 221                                 | 6.5        | 385                  | 3.8        | 87,767                           | 397                                   | 228                              |
| Chobe              | 9                                   | 0.3        | -                    | -          | -                                | -                                     | -                                |
| MAUN REGION        | 254                                 | 7.5        | 469                  | 4.7        | 102,607                          | 404                                   | 219                              |
| Gantsi             | 88                                  | 2.6        | 473                  | 4.7        | 118,750                          | 1,349                                 | 251                              |
| Hukuntsi           | 26                                  | 0.8        | 82                   | 0.8        | 24,350                           | 937                                   | 297                              |
| Tsabong            | 220                                 | 6.5        | 2,540                | 25.4       | 578,322                          | 2,629                                 | 228                              |
| WESTERN REGION     | 334                                 | 9.8        | 3,095                | 30.9       | 721,422                          | 2,160                                 | 233                              |
| TOTAL TRADITIONAL  | 3,396                               | 100.0      | 10,004               | 100.0      | 2,614,130                        | 770                                   | 261                              |

TABLE 5.14: SHEEP PURCHASES AND COST INCURRED (PULA) BY DISTRICT AND REGION

| District\Region    | Number of Holdings<br>Purchasing Sheep | Percentage | Total<br>Sheep Purchased | Percentage | Total Cost<br>Incurred (Pula) | Average Cost<br>Per Holding (Pula) | Average Cost<br>Per Sheep (Pula) |
|--------------------|----------------------------------------|------------|--------------------------|------------|-------------------------------|------------------------------------|----------------------------------|
| Barolong           | 4                                      | 0.4        | 22                       | 0.7        | 8,750                         | 2,188                              | 398                              |
| Ngwaketse South    | 29                                     | 2.8        | 53                       | 1.7        | 10,560                        | 364                                | 199                              |
| Ngwaketse North    | 22                                     | 2.1        | 48                       | 1.6        | 13,720                        | 624                                | 286                              |
| Ngwaketse Central  | 62                                     | 5.9        | 106                      | 3.5        | 24,250                        | 391                                | 229                              |
| Ngwaketse West     | 29                                     | 2.8        | 66                       | 2.2        | 18,950                        | 653                                | 287                              |
| SOUTHERN REGION    | 146                                    | 13.9       | 295                      | 9.7        | 76,230                        | 522                                | 258                              |
| Bamalete/Tlokweng  | 35                                     | 3.3        | 97                       | 3.2        | 24,437                        | 698                                | 252                              |
| Kweneng South      | 66                                     | 6.3        | 114                      | 3.7        | 33,760                        | 512                                | 296                              |
| Kweneng North      | 81                                     | 7.7        | 183                      | 6.0        | 46,446                        | 573                                | 254                              |
| Kweneng West       | 47                                     | 4.5        | 160                      | 5.2        | 49,050                        | 1,044                              | 307                              |
| Kgatleng           | 38                                     | 3.6        | 117                      | 3.8        | 28,225                        | 743                                | 241                              |
| GABORONE REGION    | 267                                    | 25.4       | 671                      | 22.0       | 181,918                       | 681                                | 271                              |
| Mahalapye East     | 51                                     | 4.9        | 164                      | 5.4        | 40,580                        | 796                                | 247                              |
| Mahalapye West     | 37                                     | 3.5        | 114                      | 3.7        | 27,450                        | 742                                | 241                              |
| Palapye            | 4                                      | 0.4        | 9                        | 0.3        | 2,450                         | 613                                | 272                              |
| Serowe             | 54                                     | 5.1        | 245                      | 8.0        | 66,500                        | 1,231                              | 271                              |
| Bobonong           | 18                                     | 1.7        | 79                       | 2.6        | 19,006                        | 1,056                              | 241                              |
| Letlhakane         | 63                                     | 6.0        | 124                      | 4.1        | 27,150                        | 431                                | 219                              |
| Selebi-Phikwe      | 43                                     | 4.1        | 68                       | 2.2        | 22,000                        | 512                                | 324                              |
| CENTRAL REGION     | 270                                    | 25.7       | 803                      | 26.3       | 205,136                       | 760                                | 255                              |
| Tati               | 18                                     | 1.7        | 18                       | 0.6        | 3,600                         | 200                                | 200                              |
| Tutume             | 40                                     | 3.8        | 90                       | 2.9        | 18,908                        | 473                                | 210                              |
| Tonota             | 61                                     | 5.8        | 127                      | 4.2        | 29,890                        | 490                                | 235                              |
| FRANCISTOWN REGION | 119                                    | 11.3       | 235                      | 7.7        | 52,398                        | 440                                | 223                              |
| Ngamiland West     | -                                      | -          | -                        | -          | -                             | -                                  | -                                |
| Ngamiland East     | 116                                    | 11.0       | 426                      | 14.0       | 94,127                        | 811                                | 221                              |
| Chobe              | 9                                      | 0.9        | 49                       | 1.6        | 16,300                        | 1,811                              | 333                              |
| MAUN REGION        | 125                                    | 11.9       | 475                      | 15.6       | 110,427                       | 883                                | 232                              |
| Gantsi             | 39                                     | 3.7        | 191                      | 6.3        | 60,284                        | 1,546                              | 316                              |
| Hukuntsi           | 17                                     | 1.6        | 150                      | 4.9        | 52,180                        | 3,069                              | 348                              |
| Tsabong            | 67                                     | 6.4        | 231                      | 7.6        | 59,860                        | 893                                | 259                              |
| WESTERN REGION     | 123                                    | 11.7       | 572                      | 18.7       | 172,324                       | 1,401                              | 301                              |
| TOTAL TRADITIONAL  | 1,050                                  | 100.0      | 3,051                    | 100.0      | 798,433                       | 760                                | 262                              |



TABLE 6.1 DONKEYS: TOTAL HOLDINGS AND POPULATION BY GENDER, DISTRICT AND REGION

| District/<br>Region | Donkeys Holdings |            | Donkeys Holdings |            | Total<br>Holdings | Donkeys Population |            | Donkeys Population |            | Total Donkeys<br>Population | Average Number of<br>Donkeys Per Holding |
|---------------------|------------------|------------|------------------|------------|-------------------|--------------------|------------|--------------------|------------|-----------------------------|------------------------------------------|
|                     | Male Owned       | Percentage | Female Owned     | Percentage |                   | Male Owned         | Percentage | Female Owned       | Percentage |                             |                                          |
| Barolong            | 584              | 1.6        | 225              | 1.3        | 809               | 5 245              | 1.9        | 1 612              | 1.4        | 6 857                       | 8                                        |
| Ngwaketse South     | 975              | 2.6        | 312              | 1.8        | 1 287             | 8 910              | 3.2        | 2 397              | 2.0        | 11 307                      | 9                                        |
| Ngwaketse North     | 1 646            | 4.4        | 536              | 3.2        | 2 182             | 14 033             | 5.0        | 4 564              | 3.8        | 18 597                      | 9                                        |
| Ngwaketse Central   | 1 209            | 3.2        | 556              | 3.3        | 1 765             | 10 868             | 3.9        | 4 393              | 3.7        | 15 261                      | 9                                        |
| Ngwaketse West      | 1 874            | 5.0        | 687              | 4.1        | 2 561             | 17 011             | 6.0        | 5 142              | 4.3        | 22 153                      | 9                                        |
| SOUTHERN REGION     | 6 288            | 16.7       | 2 316            | 13.7       | 8 604             | 56 067             | 19.9       | 18 108             | 15.2       | 74 175                      | 9                                        |
| Bamalete/Tlokwen    | 556              | 1.5        | 126              | 0.7        | 682               | 3 799              | 1.3        | 787                | 0.7        | 4 586                       | 7                                        |
| Kweneng South       | 2 531            | 6.7        | 877              | 5.2        | 3 408             | 15 558             | 5.5        | 5 791              | 4.9        | 21 349                      | 6                                        |
| Kweneng North       | 1 524            | 4.1        | 502              | 3.0        | 2 026             | 17 777             | 6.3        | 2 629              | 2.2        | 20 406                      | 10                                       |
| Kweneng West        | 1 537            | 4.1        | 794              | 4.7        | 2 331             | 9 768              | 3.5        | 4 101              | 3.4        | 13 869                      | 6                                        |
| Kgatleng            | 1 149            | 3.1        | 461              | 2.7        | 1 610             | 10 442             | 3.7        | 3 365              | 2.8        | 13 807                      | 9                                        |
| GABORONE REGION     | 7 297            | 19.4       | 2 760            | 16.3       | 10 057            | 57 344             | 20.3       | 16 673             | 14.0       | 74 017                      | 7                                        |
| Mahalapye East      | 2 271            | 6.0        | 974              | 5.7        | 3 245             | 18 936             | 6.7        | 5 392              | 4.5        | 24 328                      | 7                                        |
| Mahalapye West      | 1 696            | 4.5        | 878              | 5.2        | 2 574             | 12 088             | 4.3        | 5 716              | 4.8        | 17 804                      | 7                                        |
| Palapye             | 1 578            | 4.2        | 1 070            | 6.3        | 2 648             | 10 947             | 3.9        | 6 557              | 5.5        | 17 504                      | 7                                        |
| Serowe              | 2 036            | 5.4        | 1 043            | 6.2        | 3 079             | 15 798             | 5.6        | 6 181              | 5.2        | 21 979                      | 7                                        |
| Bobonong            | 1 995            | 5.3        | 1 663            | 9.8        | 3 658             | 14 343             | 5.1        | 12 288             | 10.3       | 26 631                      | 7                                        |
| Lethakane           | 2 286            | 6.1        | 892              | 5.3        | 3 178             | 22 706             | 8.1        | 3 964              | 3.3        | 26 670                      | 8                                        |
| Selebi-Phikwe       | 1 308            | 3.5        | 871              | 5.1        | 2 179             | 8 478              | 3.0        | 6 160              | 5.2        | 14 638                      | 7                                        |
| CENTRAL REGION      | 13 170           | 35.0       | 7 391            | 43.6       | 20 561            | 103 296            | 36.6       | 46 258             | 38.9       | 149 554                     | 7                                        |
| Tati                | 1 063            | 2.8        | 550              | 3.2        | 1 613             | 5 446              | 1.9        | 2 544              | 2.1        | 7 990                       | 5                                        |
| Tutume              | 1 415            | 3.8        | 686              | 4.0        | 2 101             | 7 351              | 2.6        | 3 146              | 2.6        | 10 497                      | 5                                        |
| Tonota              | 1 026            | 2.7        | 503              | 3.0        | 1 529             | 7 044              | 2.5        | 3 302              | 2.8        | 10 346                      | 7                                        |
| FRANCISTOWN REGION  | 3 504            | 9.3        | 1 739            | 10.3       | 5 243             | 19 841             | 7.0        | 8 992              | 7.6        | 28 833                      | 5                                        |
| Ngamiland West      | 1 588            | 4.2        | 699              | 4.1        | 2 287             | 7 716              | 2.7        | 17 565             | 14.8       | 25 281                      | 11                                       |
| Ngamiland East      | 2 442            | 6.5        | 928              | 5.5        | 3 370             | 12 989             | 4.6        | 4 478              | 3.8        | 17 467                      | 5                                        |
| Chobe               | 77               | 0.2        | 42               | 0.2        | 119               | 348                | 0.1        | 107                | 0.1        | 455                         | 4                                        |
| MAUN REGION         | 4 107            | 10.9       | 1 669            | 9.8        | 5 776             | 21 053             | 7.5        | 22 150             | 18.6       | 43 203                      | 7                                        |
| Gantsi              | 1 166            | 3.1        | 272              | 1.6        | 1 438             | 8 063              | 2.9        | 1 625              | 1.4        | 9 688                       | 7                                        |
| Hukuntsi            | 820              | 2.2        | 251              | 1.5        | 1 071             | 3 939              | 1.4        | 885                | 0.7        | 4 824                       | 5                                        |
| Tsabong             | 1 251            | 3.3        | 559              | 3.3        | 1 810             | 12 373             | 4.4        | 4 212              | 3.5        | 16 585                      | 9                                        |
| WESTERN REGION      | 3 237            | 8.6        | 1 082            | 6.4        | 4 319             | 24 375             | 8.6        | 6 722              | 5.7        | 31 097                      | 7                                        |
| TOTAL TRADITIONAL   | 37 603           | 100.0      | 16 957           | 100.0      | 54 560            | 281 976            | 100.0      | 118 903            | 100.0      | 400 879                     | 7                                        |

TABLE 6.2 DONKEYS: TOTAL HOLDINGS AND POPULATION BY GENDER AND DONKEYS HERD SIZE

| Donkeys<br>Herd Size | Donkeys Holdings |            | Donkeys Holdings |            | Total<br>Holdings | Donkeys Population |            | Donkeys Population |            | Total Donkeys<br>Population | Average Number of<br>Donkeys Per Holding |
|----------------------|------------------|------------|------------------|------------|-------------------|--------------------|------------|--------------------|------------|-----------------------------|------------------------------------------|
|                      | Male Owned       | Percentage | Female Owned     | Percentage |                   | Male Owned         | Percentage | Female Owned       | Percentage |                             |                                          |
| 01 - 05              | 19 401           | 51.6       | 9 989            | 58.9       | 29390             | 61 196             | 21.7       | 29 792             | 25.1       | 90 988                      | 3                                        |
| 06 - 10              | 12 063           | 32.1       | 5 152            | 30.4       | 17215             | 92 923             | 33.0       | 39 443             | 33.2       | 132 366                     | 8                                        |
| 11 - 15              | 3 437            | 9.1        | 998              | 5.9        | 4435              | 44 683             | 15.8       | 13 098             | 11.0       | 57 781                      | 13                                       |
| 16 - 20              | 1 468            | 3.9        | 407              | 2.4        | 1875              | 27 046             | 9.6        | 7 458              | 6.3        | 34 504                      | 18                                       |
| 21 - 25              | 375              | 1.0        | 163              | 1.0        | 538               | 8 809              | 3.1        | 3 937              | 3.3        | 12 746                      | 24                                       |
| 26 - 30              | 415              | 1.1        | 97               | 0.6        | 512               | 12 012             | 4.3        | 2 790              | 2.3        | 14 802                      | 29                                       |
| 31+                  | 444              | 1.2        | 151              | 0.9        | 595               | 35 307             | 12.5       | 22 385             | 18.8       | 57 692                      | 97                                       |
|                      |                  |            |                  | 0.0        |                   |                    |            |                    |            |                             |                                          |
| Total Traditional    | 37 603           | 100.0      | 16 957           | 100.0      | 54 560            | 281 976            | 100.0      | 118 903            | 100.0      | 400 879                     | 7                                        |

TABLE 6.3: DONKEYS: TOTAL SALES AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District/<br>Region | Holdings<br>Selling | Percentage | Total<br>Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Per Donkey (Pula) |
|---------------------|---------------------|------------|----------------|------------|----------------------------------|---------------------------------------|------------------------------------|
| Barolong            | 31                  | 2.4        | 80             | 2.1        | 16 500                           | 532                                   | 206                                |
| Ngwaketse South     | 53                  | 4.0        | 94             | 2.5        | 36 700                           | 692                                   | 390                                |
| Ngwaketse North     | 34                  | 2.6        | 75             | 2.0        | 19 350                           | 569                                   | 258                                |
| Ngwaketse Central   | 60                  | 4.6        | 225            | 5.9        | 45 210                           | 754                                   | 201                                |
| Ngwaketse West      | 114                 | 8.7        | 349            | 9.2        | 59 239                           | 520                                   | 170                                |
| SOUTHERN REGION     | 292                 | 22.3       | 823            | 21.7       | 176 999                          | 606                                   | 215                                |
| Bamalete/Tlokwen    | 16                  | 1.2        | 38             | 1.0        | 19 000                           | 1 188                                 | 500                                |
| Kweneng South       | 92                  | 7.0        | 406            | 10.7       | 82 200                           | 893                                   | 202                                |
| Kweneng North       | 63                  | 4.8        | 148            | 3.9        | 65 390                           | 1 038                                 | 442                                |
| Kweneng West        | 39                  | 3.0        | 106            | 2.8        | 19 710                           | 505                                   | 186                                |
| Kgatleng            | 31                  | 2.4        | 121            | 3.2        | 21 040                           | 679                                   | 174                                |
| GABORONE REGION     | 241                 | 18.4       | 819            | 21.6       | 207 340                          | 860                                   | 253                                |
| Mahalapye East      | 77                  | 5.9        | 198            | 5.2        | 46 800                           | 608                                   | 236                                |
| Mahalapye West      | 31                  | 2.4        | 58             | 1.5        | 28 160                           | 908                                   | 486                                |
| Palapye             | 36                  | 2.7        | 45             | 1.2        | 7 240                            | 201                                   | 161                                |
| Serowe              | 95                  | 7.2        | 147            | 3.9        | 23 950                           | 252                                   | 163                                |
| Bobonong            | 131                 | 10.0       | 336            | 8.9        | 50 831                           | 388                                   | 151                                |
| Lethakane           | 44                  | 3.4        | 194            | 5.1        | 30 250                           | 688                                   | 156                                |
| Selebi-Phikwe       | 20                  | 1.5        | 198            | 5.2        | 37 700                           | 1 885                                 | 190                                |
| CENTRAL REGION      | 434                 | 33.1       | 1 176          | 31.0       | 224 931                          | 518                                   | 191                                |
| Tati                | 18                  | 1.4        | 54             | 1.4        | 10 800                           | 600                                   | 200                                |
| Tutume              | 43                  | 3.3        | 115            | 3.0        | 18 260                           | 425                                   | 159                                |
| Tonota              | 48                  | 3.7        | 139            | 3.7        | 29 600                           | 617                                   | 213                                |
| FRANCISTOWN REGION  | 109                 | 8.3        | 308            | 8.1        | 58 660                           | 538                                   | 190                                |
| Ngamiland West      | 17                  | 1.3        | 38             | 1.0        | 5 750                            | 338                                   | 151                                |
| Ngamiland East      | 98                  | 7.5        | 238            | 6.3        | 38 393                           | 392                                   | 161                                |
| Chobe               | 5                   | 0.4        | 10             | 0.3        | 1 850                            | 370                                   | 185                                |
| MAUN REGION         | 120                 | 9.2        | 286            | 7.5        | 45 993                           | 383                                   | 161                                |
| Gantsi              | 56                  | 4.3        | 157            | 4.1        | 57 800                           | 1 032                                 | 368                                |
| Hukuntsi            | 39                  | 3.0        | 131            | 3.5        | 20 185                           | 518                                   | 154                                |
| Tsabong             | 20                  | 1.5        | 94             | 2.5        | 20 582                           | 1 029                                 | 219                                |
| WESTERN REGION      | 115                 | 8.8        | 382            | 10.1       | 98 567                           | 857                                   | 258                                |
| TOTAL TRADITIONAL   | 1 311               | 100.0      | 3 794          | 100.0      | 812 490                          | 620                                   | 214                                |

TABLE 6.4 CHICKENS: TOTAL HOLDINGS AND POPULATION BY GENDER, DISTRICT AND REGION

| District/<br>Region | Chickens Holdings |            | Chickens Holdings |            | Total<br>Holdings | Chickens Population |            | Chickens Population |            | Total<br>Chickens | Average Chickens<br>Per Holding |
|---------------------|-------------------|------------|-------------------|------------|-------------------|---------------------|------------|---------------------|------------|-------------------|---------------------------------|
|                     | Male Owned        | Percentage | Male Owned        | Percentage |                   | Male Owned          | Percentage | Female Owned        | Percentage |                   |                                 |
| Barolong            | 1 008             | 2.0        | 608               | 1.9        | 1 616             | 11 080              | 1.7        | 5 765               | 1.5        | 16 845            | 10                              |
| Ngwaketse South     | 1 476             | 2.9        | 851               | 2.7        | 2 327             | 16 387              | 2.5        | 9 121               | 2.5        | 25 508            | 11                              |
| Ngwaketse North     | 2 699             | 5.3        | 1 346             | 4.3        | 4 045             | 54 031              | 8.2        | 16 630              | 4.5        | 70 661            | 17                              |
| Ngwaketse Central   | 1 750             | 3.5        | 769               | 2.4        | 2 519             | 20 316              | 3.1        | 9 740               | 2.6        | 30 056            | 12                              |
| Ngwaketse West      | 1 949             | 3.8        | 907               | 2.9        | 2 856             | 22 614              | 3.4        | 8 971               | 2.4        | 31 585            | 11                              |
| SOUTHERN REGION     | 8 882             | 17.5       | 4 481             | 14.2       | 13 363            | 124 428             | 18.9       | 50 227              | 13.5       | 174 655           | 13                              |
| Bamalete/Tlokweneng | 1 470             | 2.9        | 662               | 2.1        | 2 132             | 19 957              | 3.0        | 7 602               | 2.0        | 27 559            | 13                              |
| Kweneng South       | 4 169             | 8.2        | 1 838             | 5.8        | 6 007             | 48 874              | 7.4        | 22 917              | 6.2        | 71 791            | 12                              |
| Kweneng North       | 2 291             | 4.5        | 1 006             | 3.2        | 3 297             | 30 672              | 4.7        | 10 432              | 2.8        | 41 104            | 12                              |
| Kweneng West        | 1 672             | 3.3        | 972               | 3.1        | 2 644             | 17 935              | 2.7        | 9 871               | 2.7        | 27 806            | 11                              |
| Kgatleng            | 2 460             | 4.9        | 1 366             | 4.3        | 3 826             | 39 122              | 5.9        | 24 279              | 6.5        | 63 401            | 17                              |
| GABORONE REGION     | 12 062            | 23.8       | 5 844             | 18.5       | 17 906            | 156 560             | 23.8       | 75 101              | 20.2       | 231 661           | 13                              |
| Mahalapye East      | 2 409             | 4.8        | 1 658             | 5.2        | 4 067             | 34 767              | 5.3        | 19 838              | 5.3        | 54 605            | 13                              |
| Mahalapye West      | 2 380             | 4.7        | 1 544             | 4.9        | 3 924             | 26 953              | 4.1        | 18 565              | 5.0        | 45 518            | 12                              |
| Palapye             | 2 169             | 4.3        | 1 876             | 5.9        | 4 045             | 28 835              | 4.4        | 20 654              | 5.6        | 49 489            | 12                              |
| Serowe              | 2 548             | 5.0        | 1 859             | 5.9        | 4 407             | 29 752              | 4.5        | 22 940              | 6.2        | 52 692            | 12                              |
| Bobonong            | 2 192             | 4.3        | 1 744             | 5.5        | 3 936             | 22 439              | 3.4        | 16 422              | 4.4        | 38 861            | 10                              |
| Lethakane           | 1 965             | 3.9        | 914               | 2.9        | 2 879             | 21 880              | 3.3        | 11 974              | 3.2        | 33 854            | 12                              |
| Selebi-Phikwe       | 1 698             | 3.4        | 1 494             | 4.7        | 3 192             | 22 309              | 3.4        | 16 362              | 4.4        | 38 671            | 12                              |
| CENTRAL REGION      | 15 361            | 30.3       | 11 089            | 35.1       | 26 450            | 186 935             | 28.4       | 126 755             | 34.1       | 313 690           | 12                              |
| Tati                | 2 223             | 4.4        | 1 662             | 5.3        | 3 885             | 37 698              | 5.7        | 26 601              | 7.2        | 64 299            | 17                              |
| Tutume              | 3 429             | 6.8        | 3 015             | 9.5        | 6 444             | 50 365              | 7.7        | 37 957              | 10.2       | 88 322            | 14                              |
| Tonota              | 1 896             | 3.7        | 1 450             | 4.6        | 3 346             | 29 787              | 4.5        | 18 145              | 4.9        | 47 932            | 14                              |
| FRANCISTOWN REGION  | 7 548             | 14.9       | 6 127             | 19.4       | 13 675            | 117 850             | 17.9       | 82 703              | 22.2       | 200 553           | 15                              |
| Ngamiland West      | 1 554             | 3.1        | 1 139             | 3.6        | 2 693             | 16 995              | 2.6        | 8 742               | 2.4        | 25 737            | 10                              |
| Ngamiland East      | 2 093             | 4.1        | 1 353             | 4.3        | 3 446             | 25 204              | 3.8        | 13 669              | 3.7        | 38 873            | 11                              |
| Chobe               | 359               | 0.7        | 388               | 1.2        | 747               | 5 157               | 0.8        | 5 552               | 1.5        | 10 709            | 14                              |
| MAUN REGION         | 4 006             | 7.9        | 2 880             | 9.1        | 6 886             | 47 356              | 7.2        | 27 963              | 7.5        | 75 319            | 11                              |
| Gantsi              | 867               | 1.7        | 351               | 1.1        | 1 218             | 9 921               | 1.5        | 3 465               | 0.9        | 13 386            | 11                              |
| Hukuntsi            | 927               | 1.8        | 289               | 0.9        | 1 216             | 7 557               | 1.1        | 2 268               | 0.6        | 9 825             | 8                               |
| Tsabong             | 994               | 2.0        | 535               | 1.7        | 1 529             | 7 348               | 1.1        | 3 508               | 0.9        | 10 856            | 7                               |
| WESTERN REGION      | 2 788             | 5.5        | 1 175             | 3.7        | 3 963             | 24 826              | 3.8        | 9 241               | 2.5        | 34 067            | 9                               |
| TOTAL TRADITIONAL   | 50 647            | 100.0      | 31 596            | 100.0      | 82 243            | 657 955             | 100.0      | 371 990             | 100.0      | 1 029 945         | 13                              |

TABLE 6.5 CHICKENS: TOTAL HOLDINGS AND POPULATION BY GENDER AND CHICKENS FLOCK SIZE

| Chickens<br>Flock Size | Chickens Holdings |            | Chickens Holdings |            | Total<br>Holdings | Chickens Population |            | Chickens Population |            | Total<br>Chickens | Average Chickens<br>Per Holding |
|------------------------|-------------------|------------|-------------------|------------|-------------------|---------------------|------------|---------------------|------------|-------------------|---------------------------------|
|                        | Male Owned        | Percentage | Male Owned        | Percentage |                   | Male Owned          | Percentage | Female Owned        | Percentage |                   |                                 |
| 01 - 05                | 13 715            | 27.1       | 10 253            | 32.5       | 23 968            | 46 249              | 7.0        | 33 180              | 8.9        | 79 429            | 3                               |
| 06 - 10                | 15 328            | 30.3       | 9 005             | 28.5       | 24 333            | 128 843             | 19.6       | 75 632              | 20.3       | 204 475           | 8                               |
| 11 - 15                | 8 468             | 16.7       | 5 306             | 16.8       | 13 774            | 114 117             | 17.3       | 70 927              | 19.1       | 185 044           | 13                              |
| 16 - 20                | 6 020             | 11.9       | 3 176             | 10.1       | 9 196             | 112 910             | 17.2       | 60 003              | 16.1       | 172 913           | 19                              |
| 21 - 25                | 2 229             | 4.4        | 1 373             | 4.3        | 3 602             | 52 330              | 8.0        | 32 202              | 8.7        | 84 532            | 23                              |
| 26 - 30                | 2 500             | 4.9        | 1 160             | 3.7        | 3 660             | 73 027              | 11.1       | 33 769              | 9.1        | 106 796           | 29                              |
| 31 +                   | 2 387             | 4.7        | 1 323             | 4.2        | 3 710             | 130 479             | 19.8       | 66 277              | 17.8       | 196 756           | 53                              |
| Total Traditional      | 50 647            | 100.0      | 31 596            | 100.0      | 82 243            | 657 955             | 100.0      | 371 990             | 100.0      | 1 029 945         | 13                              |

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

| District/<br>Region | Holdings<br>Selling | Percentage | Total<br>Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Per Chicken (Pula) |
|---------------------|---------------------|------------|----------------|------------|----------------------------------|---------------------------------------|-------------------------------------|
| Barolong            | 132                 | 3.0        | 1 223          | 5.5        | 22 475                           | 170                                   | 18                                  |
| Ngwaketse South     | 101                 | 2.3        | 394            | 1.8        | 7 569                            | 75                                    | 19                                  |
| Ngwaketse North     | 151                 | 3.4        | 698            | 3.2        | 15 025                           | 100                                   | 22                                  |
| Ngwaketse Central   | 242                 | 5.4        | 1 022          | 4.6        | 19 684                           | 81                                    | 19                                  |
| Ngwaketse West      | 138                 | 3.1        | 658            | 3.0        | 19 810                           | 144                                   | 30                                  |
| SOUTHERN REGION     | 764                 | 17.2       | 3 995          | 18.1       | 84 563                           | 111                                   | 21                                  |
| Bamalete/Tlokwen    | 68                  | 1.5        | 371            | 1.7        | 8 210                            | 121                                   | 22                                  |
| Kweneng South       | 474                 | 10.7       | 2 060          | 9.3        | 58 670                           | 124                                   | 28                                  |
| Kweneng North       | 215                 | 4.8        | 1 023          | 4.6        | 19 400                           | 90                                    | 19                                  |
| Kweneng West        | 160                 | 3.6        | 1 073          | 4.9        | 26 118                           | 163                                   | 24                                  |
| Kgatleng            | 199                 | 4.5        | 1 142          | 5.2        | 24 965                           | 125                                   | 22                                  |
| GABORONE REGION     | 1 116               | 25.1       | 5 669          | 25.7       | 137 363                          | 123                                   | 24                                  |
| Mahalapye East      | 319                 | 7.2        | 1 381          | 6.3        | 30 380                           | 95                                    | 22                                  |
| Mahalapye West      | 192                 | 4.3        | 1 167          | 5.3        | 17 920                           | 93                                    | 15                                  |
| Palapye             | 230                 | 5.2        | 1 060          | 4.8        | 21 997                           | 96                                    | 21                                  |
| Serowe              | 173                 | 3.9        | 791            | 3.6        | 17 900                           | 103                                   | 23                                  |
| Bobonong            | 187                 | 4.2        | 746            | 3.4        | 18 225                           | 97                                    | 24                                  |
| Lethakane           | 163                 | 3.7        | 834            | 3.8        | 18 119                           | 111                                   | 22                                  |
| Selebi-Phikwe       | 189                 | 4.3        | 1 056          | 4.8        | 25 989                           | 138                                   | 25                                  |
| CENTRAL REGION      | 1 453               | 32.7       | 7 035          | 31.9       | 150 530                          | 104                                   | 21                                  |
| Tati                | 261                 | 5.9        | 1 363          | 6.2        | 26 440                           | 101                                   | 19                                  |
| Tutume              | 299                 | 6.7        | 1 739          | 7.9        | 33 440                           | 112                                   | 19                                  |
| Tonota              | 146                 | 3.3        | 881            | 4.0        | 16 820                           | 115                                   | 19                                  |
| FRANCISTOWN REGION  | 706                 | 15.9       | 3 983          | 18.1       | 76 700                           | 109                                   | 19                                  |
| Ngamiland West      | 117                 | 2.6        | 351            | 1.6        | 6 126                            | 52                                    | 17                                  |
| Ngamiland East      | 154                 | 3.5        | 516            | 2.3        | 10 494                           | 68                                    | 20                                  |
| Chobe               | 60                  | 1.3        | 211            | 1.0        | 3 420                            | 57                                    | 16                                  |
| MAUN REGION         | 331                 | 7.4        | 1 078          | 4.9        | 20 040                           | 61                                    | 19                                  |
| Gantsi              | 75                  | 1.7        | 295            | 1.3        | 7 665                            | 102                                   | 26                                  |
| Tsabong             | 2                   | 0.0        | 4              | 0.0        | 120                              | 60                                    | 30                                  |
| WESTERN REGION      | 77                  | 1.7        | 299            | 1.4        | 7 785                            | 101                                   | 26                                  |
| TOTAL TRADITIONAL   | 4 447               | 100.0      | 22 059         | 100.0      | 476 981                          | 107                                   | 22                                  |

NB: There are no chicken sales for those districts not reflected in this table

TABLE 6.7 HORSES: TOTAL HOLDINGS AND POPULATION BY GENDER, DISTRICT AND REGION

| District/<br>Region | Horses Holdings |            | Horses Holdings |            | Total<br>Holdings | Horses Population |            | Horses Population |            | Total<br>Horses | Average Horses<br>Per Holding |
|---------------------|-----------------|------------|-----------------|------------|-------------------|-------------------|------------|-------------------|------------|-----------------|-------------------------------|
|                     | Male Owned      | Percentage | Male Owned      | Percentage |                   | Male Owned        | Percentage | Female Owned      | Percentage |                 |                               |
| Barolong            | 19              | 0.2        | 4               | 0.2        | 23                | 41                | 0.1        | 9                 | 0.1        | 50              | 2                             |
| Ngwaketse South     | 86              | 0.9        | 10              | 0.5        | 96                | 203               | 0.5        | 56                | 0.8        | 259             | 3                             |
| Ngwaketse North     | 46              | 0.5        | 37              | 1.8        | 83                | 151               | 0.4        | 130               | 1.8        | 281             | 3                             |
| Ngwaketse Central   | 91              | 1.0        | 54              | 2.6        | 145               | 347               | 0.9        | 142               | 2.0        | 489             | 3                             |
| Ngwaketse West      | 1 087           | 11.4       | 260             | 12.4       | 1 347             | 4 159             | 11.3       | 745               | 10.4       | 4 904           | 4                             |
| SOUTHERN REGION     | 1 329           | 14.0       | 365             | 17.4       | 1 694             | 4 901             | 13.3       | 1 082             | 15.1       | 5 983           | 4                             |
| Bamalete/Tlokweneng | 16              | 0.2        | 7               | 0.3        | 23                | 25                | 0.1        | 9                 | 0.1        | 34              | 1                             |
| Kweneng South       | 354             | 3.7        | 63              | 3.0        | 417               | 1 072             | 2.9        | 198               | 2.8        | 1 270           | 3                             |
| Kweneng North       | 182             | 1.9        | 33              | 1.6        | 215               | 436               | 1.2        | 70                | 1.0        | 506             | 2                             |
| Kweneng West        | 901             | 9.5        | 237             | 11.3       | 1 138             | 2 465             | 6.7        | 581               | 8.1        | 3 046           | 3                             |
| Kgatleng            | 109             | 1.1        | 25              | 1.2        | 134               | 487               | 1.3        | 49                | 0.7        | 536             | 4                             |
| GABORONE REGION     | 1 562           | 16.4       | 365             | 17.4       | 1 927             | 4 485             | 12.1       | 907               | 12.7       | 5 392           | 3                             |
| Mahalapye East      | 105             | 1.1        | 7               | 0.3        | 112               | 200               | 0.5        | 19                | 0.3        | 219             | 2                             |
| Mahalapye West      | 187             | 2.0        | 12              | 0.6        | 199               | 498               | 1.3        | 25                | 0.3        | 523             | 3                             |
| Palapye             | 42              | 0.4        | 4               | 0.2        | 46                | 77                | 0.2        | 14                | 0.2        | 91              | 2                             |
| Serowe              | 283             | 3.0        | 53              | 2.5        | 336               | 1 130             | 3.1        | 193               | 2.7        | 1 323           | 4                             |
| Bobonong            | 60              | 0.6        | 18              | 0.9        | 78                | 153               | 0.4        | 23                | 0.3        | 176             | 2                             |
| Lethakane           | 1 405           | 14.8       | 203             | 9.7        | 1 608             | 7 144             | 19.3       | 757               | 10.6       | 7 901           | 5                             |
| Selebi-Phikwe       | 42              | 0.4        | 16              | 0.8        | 58                | 186               | 0.5        | 46                | 0.6        | 232             | 4                             |
| CENTRAL REGION      | 2 124           | 22.4       | 313             | 14.9       | 2 437             | 9 388             | 25.4       | 1 077             | 15.0       | 10 465          | 4                             |
| Tati                | 23              | 0.2        | 1               | 0.0        | 24                | 69                | 0.2        | 1                 | 0.0        | 70              | 3                             |
| Tutume              | 329             | 3.5        | 110             | 5.2        | 439               | 1 517             | 4.1        | 289               | 4.0        | 1 806           | 4                             |
| Tonota              | 59              | 0.6        | 13              | 0.6        | 72                | 113               | 0.3        | 39                | 0.5        | 152             | 2                             |
| FRANCISTOWN REGION  | 411             | 4.3        | 124             | 5.9        | 535               | 1 699             | 4.6        | 329               | 4.6        | 2 028           | 4                             |
| Ngamiland West      | 299             | 3.1        | 79              | 3.8        | 378               | 1 036             | 2.8        | 746               | 10.4       | 1 782           | 5                             |
| Ngamiland East      | 1 322           | 13.9       | 302             | 14.4       | 1 624             | 5 527             | 15.0       | 1 075             | 15.0       | 6 602           | 4                             |
| Chobe               | 8               | 0.1        | -               | -          | 8                 | 32                | 0.1        | -                 | -          | 32              | 4                             |
| MAUN REGION         | 1 629           | 17.2       | 381             | 18.2       | 2 010             | 6 595             | 17.9       | 1 821             | 25.4       | 8 416           | 4                             |
| Gantsi              | 1 042           | 11.0       | 222             | 10.6       | 1 264             | 5 100             | 13.8       | 981               | 13.7       | 6 081           | 5                             |
| Hukuntsi            | 719             | 7.6        | 83              | 4.0        | 802               | 1 869             | 5.1        | 160               | 2.2        | 2 029           | 3                             |
| Tsabong             | 680             | 7.2        | 243             | 11.6       | 923               | 2 904             | 7.9        | 801               | 11.2       | 3 705           | 4                             |
| WESTERN REGION      | 2 441           | 25.7       | 548             | 26.1       | 2 989             | 9 873             | 26.7       | 1 942             | 27.1       | 11 815          | 4                             |
| TOTAL TRADITIONAL   | 9 496           | 100.0      | 2 096           | 100.0      | 11 592            | 36 941            | 100.0      | 7 158             | 100.0      | 44 099          | 4                             |

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

| District/<br>Region | Holdings<br>Selling | Percentage | Total<br>Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Per Horse (Pula) |
|---------------------|---------------------|------------|----------------|------------|----------------------------------|---------------------------------------|-----------------------------------|
| Barolong            | 3                   | 0.6        | 3              | 0.4        | 7 500                            | 2 500                                 | 2 500                             |
| Ngwaketse Central   | 6                   | 1.3        | 15             | 1.8        | 24 000                           | 4 000                                 | 1 600                             |
| Ngwaketse West      | 119                 | 24.8       | 181            | 21.8       | 347 001                          | 2 916                                 | 1 917                             |
| SOUTHERN REGION     | 128                 | 26.7       | 199            | 24.0       | 378 501                          | 2 957                                 | 1 902                             |
| Kweneng North       | 5                   | 1.0        | 5              | 0.6        | 8 002                            | 1 600                                 | 1 600                             |
| Kweneng West        | 82                  | 17.1       | 139            | 16.7       | 128 614                          | 1 568                                 | 925                               |
| GABORONE REGION     | 87                  | 18.1       | 144            | 17.3       | 136 616                          | 1 570                                 | 949                               |
| Mahalapye East      | 2                   | 0.4        | 2              | 0.2        | 3 000                            | 1 500                                 | 1 500                             |
| Mahalapye West      | 1                   | 0.2        | 2              | 0.2        | 4 000                            | 4 000                                 | 2 000                             |
| Serowe              | 3                   | 0.6        | 7              | 0.8        | 10 500                           | 3 500                                 | 1 500                             |
| Lethakane           | 74                  | 15.4       | 164            | 19.8       | 160 032                          | 2 163                                 | 976                               |
| CENTRAL REGION      | 80                  | 16.7       | 175            | 21.1       | 177 532                          | 2 219                                 | 1 014                             |
| Tutume              | 12                  | 2.5        | 28             | 3.4        | 23 502                           | 1 958                                 | 839                               |
| FRANCISTOWN REGION  | 12                  | 2.5        | 28             | 3.4        | 23 502                           | 1 958                                 | 839                               |
| Ngamiland East      | 61                  | 12.7       | 81             | 9.8        | 89 312                           | 1 464                                 | 1 103                             |
| MAUN REGION         | 61                  | 12.7       | 81             | 9.8        | 89 312                           | 1 464                                 | 1 103                             |
| Gantsi              | 65                  | 13.5       | 115            | 13.9       | 140 068                          | 2 155                                 | 1 218                             |
| Hukuntsi            | 7                   | 1.5        | 12             | 1.4        | 20 465                           | 2 924                                 | 1 705                             |
| Tsabong             | 40                  | 8.3        | 76             | 9.2        | 78 543                           | 1 964                                 | 1 033                             |
| WESTERN REGION      | 112                 | 23.3       | 203            | 24.5       | 239 076                          | 2 135                                 | 1 178                             |
| TOTAL TRADITIONAL   | 480                 | 100.0      | 830            | 100.0      | 1 044 538                        | 2 176                                 | 1 258                             |

**NB: There are no horse sales for those districts not reflected in this table**



TABLE 6.9 PIGS: TOTAL HOLDINGS AND POPULATION BY GENDER, DISTRICT AND REGION

| District/<br>Region | Pigs Holdings |            | Pigs Holdings |            | Total<br>Holdings | Pigs Population |            | Pigs Population |            | Total<br>Pigs | Average Pigs<br>Per Holding |
|---------------------|---------------|------------|---------------|------------|-------------------|-----------------|------------|-----------------|------------|---------------|-----------------------------|
|                     | Male Owned    | Percentage | Female Owned  | Percentage |                   | Male Owned      | Percentage | Female Owned    | Percentage |               |                             |
| Barolong            | 6             | 1.3        | -             | -          | 6                 | 36              | 1.1        | -               | -          | 36            | 6                           |
| Ngwaketse North     | -             | -          | 1             | 0.7        | 1                 | -               | -          | 1               | 0.1        | 1             | 1                           |
| Ngwaketse Central   | 25            | 5.3        | -             | -          | 25                | 46              | 1.4        | -               | -          | 46            | 2                           |
| Ngwaketse West      | 24            | 5.1        | -             | -          | 24                | 44              | 1.4        | -               | -          | 44            | 2                           |
| SOUTHERN REGION     | 55            | 11.6       | 1             | 0.7        | 56                | 126             | 4.0        | 1               | 0.1        | 127           | 2                           |
| Bamalete/Tlokwen    | 65            | 13.7       | 29            | 20.0       | 94                | 367             | 11.5       | 144             | 8.9        | 511           | 5                           |
| Kweneng South       | 66            | 13.9       | -             | -          | 66                | 140             | 4.4        | -               | -          | 140           | 2                           |
| Kweneng North       | 12            | 2.5        | 5             | 3.4        | 17                | 34              | 1.1        | 50              | 3.1        | 84            | 5                           |
| Kgatleng            | 66            | 13.9       | 27            | 18.6       | 93                | 418             | 13.1       | 1 038           | 64.2       | 1 456         | 16                          |
| GABORONE REGION     | 209           | 44.0       | 61            | 42.1       | 270               | 959             | 30.1       | 1 232           | 76.2       | 2 191         | 8                           |
| Mahalapye East      | 31            | 6.5        | 27            | 18.6       | 58                | 141             | 4.4        | 165             | 10.2       | 306           | 5                           |
| Mahalapye West      | 35            | 7.4        | 15            | 10.3       | 50                | 158             | 5.0        | 90              | 5.6        | 248           | 5                           |
| Palapye             | 47            | 9.9        | 1             | 0.7        | 48                | 735             | 23.1       | 2               | 0.1        | 737           | 15                          |
| Serowe              | 11            | 2.3        | -             | -          | 11                | 52              | 1.6        | -               | -          | 52            | 5                           |
| Bobonong            | 17            | 3.6        | -             | -          | 17                | 76              | 2.4        | -               | -          | 76            | 4                           |
| Letlhakane          | 1             | 0.2        | 14            | 9.7        | 15                | 6               | 0.2        | 14              | 0.9        | 20            | 1                           |
| Selebi-Phikwe       | 13            | 2.7        | -             | -          | 13                | 106             | 3.3        | -               | -          | 106           | 8                           |
| CENTRAL REGION      | 155           | 32.6       | 57            | 39.3       | 212               | 1 274           | 40.0       | 271             | 16.8       | 1 545         | 7                           |
| Tati                | 1             | 0.2        | -             | -          | 1                 | 46              | 1.4        | -               | -          | 46            | 46                          |
| Tutume              | 23            | 4.8        | 1             | 0.7        | 24                | 489             | 15.3       | 1               | 0.1        | 490           | 20                          |
| Tonota              | 15            | 3.2        | 16            | 11.0       | 31                | 179             | 5.6        | 78              | 4.8        | 257           | 8                           |
| FRANCISTOWN REGION  | 39            | 8.2        | 17            | 11.7       | 56                | 714             | 22.4       | 79              | 4.9        | 793           | 14                          |
| Ngamiland West      | 13            | 2.7        | 7             | 4.8        | 20                | 78              | 2.4        | 22              | 1.4        | 100           | 5                           |
| Ngamiland East      | 3             | 0.6        | 2             | 1.4        | 5                 | 36              | 1.1        | 12              | 0.7        | 48            | 10                          |
| MAUN REGION         | 16            | 3.4        | 9             | 6.2        | 25                | 114             | 3.6        | 34              | 2.1        | 148           | 6                           |
| Hukuntsi            | 1             | 0.2        | -             | -          | 1                 | 1               | 0.0        | -               | -          | 1             | 1                           |
| WESTERN REGION      | 1             | 0.2        | -             | -          | 1                 | 1               | 0.0        | -               | -          | 1             | 1                           |
| TOTAL TRADITIONAL   | 475           | 100.0      | 145           | 100.0      | 620               | 3 188           | 100.0      | 1 617           | 100.0      | 4 805         | 8                           |

NB: There are no pigs reported for those districts not reflected in this table.

TABLE 6.10 PIGS: TOTAL SALES AND TOTAL REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District/<br>Region | Holdings<br>Selling | Percentage | Total<br>Sales | Percentage | Total Revenue<br>Received (Pula) | Average Revenue<br>Per Holding (Pula) | Average Price<br>Per Pig (Pula) |
|---------------------|---------------------|------------|----------------|------------|----------------------------------|---------------------------------------|---------------------------------|
| Bamalete/Tlokweng   | 4                   | 6.6        | 16             | 5.5        | 3 800                            | 950                                   | 238                             |
| Kgatleng            | 25                  | 41.0       | 128            | 44.1       | 78 260                           | 3 130                                 | 611                             |
| GABORONE REGION     | 29                  | 47.5       | 144            | 49.7       | 82 060                           | 2 830                                 | 570                             |
| Mahalapye East      | 3                   | 4.9        | 36             | 12.4       | 8 000                            | 2 667                                 | 222                             |
| Mahalapye West      | 3                   | 4.9        | 36             | 12.4       | 4 680                            | 1 560                                 | 130                             |
| Palapye             | 25                  | 41.0       | 57             | 19.7       | 20 790                           | 832                                   | 365                             |
| Selebi-Phikwe       | 1                   | 1.6        | 17             | 5.9        | 3 000                            | 3 000                                 | 176                             |
| CENTRAL REGION      | 32                  | 52.5       | 146            | 50.3       | 36 470                           | 1 140                                 | 250                             |
| TOTAL TRADITIONAL   | 61                  | 100.0      | 290            | 100.0      | 118 530                          | 1 943                                 | 409                             |

**NB: There are no pig sales for those districts not reflected in this table.**

TABLE 6.11 DOGS: TOTAL HOLDINGS AND POPULATION BY GENDER, DISTRICT AND REGION

| District/<br>Region | Dogs Holdings |            | Dogs Holdings |            | Total<br>Holdings | Dogs Population |            | Dogs Population |            | Total<br>Dogs | Average Dogs<br>Per Holding |
|---------------------|---------------|------------|---------------|------------|-------------------|-----------------|------------|-----------------|------------|---------------|-----------------------------|
|                     | Male Owned    | Percentage | Female Owned  | Percentage |                   | Male Owned      | Percentage | Female Owned    | Percentage |               |                             |
| Barolong            | 837           | 1.7        | 470           | 1.7        | 1 307             | 1 778           | 1.3        | 906             | 1.5        | 2 684         | 2                           |
| Ngwaketse South     | 1 383         | 2.8        | 671           | 2.4        | 2 054             | 3 017           | 2.2        | 1 162           | 2.0        | 4 179         | 2                           |
| Ngwaketse North     | 2 608         | 5.2        | 1 139         | 4.1        | 3 747             | 22 442          | 16.1       | 2 435           | 4.1        | 24 877        | 7                           |
| Ngwaketse Central   | 1 703         | 3.4        | 747           | 2.7        | 2 450             | 4 078           | 2.9        | 1 629           | 2.8        | 5 707         | 2                           |
| Ngwaketse West      | 1 878         | 3.8        | 921           | 3.4        | 2 799             | 5 296           | 3.8        | 2 252           | 3.8        | 7 548         | 3                           |
| SOUTHERN REGION     | 8 409         | 16.8       | 3 948         | 14.4       | 12 357            | 36 611          | 26.2       | 8 384           | 14.3       | 44 995        | 4                           |
| Bamalete/Tlokweneng | 1 550         | 3.1        | 629           | 2.3        | 2 179             | 3 795           | 2.7        | 1 304           | 2.2        | 5 099         | 2                           |
| Kweneng South       | 3 931         | 7.9        | 1 482         | 5.4        | 5 413             | 7 093           | 5.1        | 2 721           | 4.6        | 9 814         | 2                           |
| Kweneng North       | 2 176         | 4.4        | 888           | 3.2        | 3 064             | 4 743           | 3.4        | 3 286           | 5.6        | 8 029         | 3                           |
| Kweneng West        | 1 710         | 3.4        | 947           | 3.5        | 2 657             | 6 761           | 4.8        | 1 890           | 3.2        | 8 651         | 3                           |
| Kgatleng            | 2 431         | 4.9        | 1 270         | 4.6        | 3 701             | 5 638           | 4.0        | 2 833           | 4.8        | 8 471         | 2                           |
| GABORONE REGION     | 11 798        | 23.6       | 5 216         | 19.0       | 17 014            | 28 030          | 20.1       | 12 034          | 20.5       | 40 064        | 2                           |
| Mahalapye East      | 2 400         | 4.8        | 1 445         | 5.3        | 3 845             | 5 731           | 4.1        | 2 925           | 5.0        | 8 656         | 2                           |
| Mahalapye West      | 2 466         | 4.9        | 1 492         | 5.4        | 3 958             | 6 222           | 4.5        | 2 764           | 4.7        | 8 986         | 2                           |
| Palapye             | 2 021         | 4.0        | 1 644         | 6.0        | 3 665             | 4 259           | 3.0        | 3 142           | 5.3        | 7 401         | 2                           |
| Serowe              | 2 817         | 5.6        | 1 742         | 6.3        | 4 559             | 6 435           | 4.6        | 3 650           | 6.2        | 10 085        | 2                           |
| Bobonong            | 1 932         | 3.9        | 1 389         | 5.1        | 3 321             | 5 223           | 3.7        | 3 172           | 5.4        | 8 395         | 3                           |
| Lethakane           | 2 273         | 4.6        | 920           | 3.4        | 3 193             | 6 641           | 4.8        | 2 328           | 4.0        | 8 969         | 3                           |
| Selebi-Phikwe       | 1 575         | 3.2        | 1 249         | 4.6        | 2 824             | 4 112           | 2.9        | 2 611           | 4.4        | 6 723         | 2                           |
| CENTRAL REGION      | 15 484        | 31.0       | 9 881         | 36.0       | 25 365            | 38 623          | 27.6       | 20 592          | 35.1       | 59 215        | 2                           |
| Tati                | 1 742         | 3.5        | 1 374         | 5.0        | 3 116             | 3 763           | 2.7        | 2 932           | 5.0        | 6 695         | 2                           |
| Tutume              | 3 104         | 6.2        | 2 151         | 7.8        | 5 255             | 7 367           | 5.3        | 4 024           | 6.9        | 11 391        | 2                           |
| Tonota              | 1 872         | 3.7        | 1 068         | 3.9        | 2 940             | 4 966           | 3.6        | 2 397           | 4.1        | 7 363         | 3                           |
| FRANCISTOWN REGION  | 6 718         | 13.5       | 4 593         | 16.7       | 11 311            | 16 096          | 11.5       | 9 353           | 15.9       | 25 449        | 2                           |
| Ngamiland West      | 1 480         | 3.0        | 952           | 3.5        | 2 432             | 3 993           | 2.9        | 1 922           | 3.3        | 5 915         | 2                           |
| Ngamiland East      | 2 614         | 5.2        | 1 420         | 5.2        | 4 034             | 7 314           | 5.2        | 3 175           | 5.4        | 10 489        | 3                           |
| Chobe               | 329           | 0.7        | 294           | 1.1        | 623               | 876             | 0.6        | 741             | 1.3        | 1 617         | 3                           |
| MAUN REGION         | 4 423         | 8.9        | 2 666         | 9.7        | 7 089             | 12 183          | 8.7        | 5 838           | 9.9        | 18 021        | 3                           |
| Gantsi              | 1 181         | 2.4        | 408           | 1.5        | 1 589             | 3 545           | 2.5        | 995             | 1.7        | 4 540         | 3                           |
| Hukuntsi            | 807           | 1.6        | 273           | 1.0        | 1 080             | 1 834           | 1.3        | 396             | 0.7        | 2 230         | 2                           |
| Tsabong             | 1 115         | 2.2        | 462           | 1.7        | 1 577             | 2 866           | 2.1        | 1 142           | 1.9        | 4 008         | 3                           |
| WESTERN REGION      | 3 103         | 6.2        | 1 143         | 4.2        | 4 246             | 8 245           | 5.9        | 2 533           | 4.3        | 10 778        | 3                           |
| TOTAL TRADITIONAL   | 49 935        | 100.0      | 27 447        | 100.0      | 77 382            | 139 788         | 100.0      | 58 734          | 100.0      | 198 522       | 3                           |

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

| District/Region     | Land Holdings (Number) |              | Total Land Holdings | Land Area (HA) |              | Total Land Area (Ha) | Land Area Per Holding(HA) | Total Fields(Number) |              | Total Fields | Number of Fields per Holding |
|---------------------|------------------------|--------------|---------------------|----------------|--------------|----------------------|---------------------------|----------------------|--------------|--------------|------------------------------|
|                     | Male Owned             | Female Owned |                     | Male Owned     | Female Owned |                      |                           | Male Owned           | Female Owned |              |                              |
| Barolong            | 423                    | 178          | 601                 | 5,121          | 1,350        | 6,471                | 11                        | 699                  | 217          | 916          | 2                            |
| Ngwaketse South     | 687                    | 254          | 941                 | 7,159          | 1,518        | 8,677                | 9                         | 1,062                | 384          | 1,446        | 2                            |
| Ngwaketse North     | 2,174                  | 979          | 3,153               | 6,572          | 2,572        | 9,144                | 3                         | 3,244                | 1,316        | 4,560        | 1                            |
| Ngwaketse Central   | 877                    | 462          | 1,339               | 5,342          | 2,185        | 7,527                | 6                         | 1,082                | 541          | 1,623        | 1                            |
| Ngwaketse West      | 1,460                  | 689          | 2,149               | 8,531          | 2,720        | 11,252               | 5                         | 2,750                | 1,156        | 3,906        | 2                            |
| SOUTHERN REGION     | 5,621                  | 2,562        | 8,183               | 32,725         | 10,346       | 43,071               | 5                         | 8,837                | 3,614        | 12,451       | 2                            |
| Bamalete/Tlokweneng | 989                    | 538          | 1,527               | 2,923          | 1,189        | 4,113                | 3                         | 1,298                | 580          | 1,878        | 1                            |
| Kweneng South       | 2,736                  | 1,162        | 3,898               | 9,432          | 3,578        | 13,011               | 3                         | 3,867                | 1,765        | 5,632        | 1                            |
| Kweneng North       | 1,722                  | 869          | 2,591               | 6,568          | 2,513        | 9,081                | 4                         | 2,338                | 1,051        | 3,389        | 1                            |
| Kweneng West        | 1,495                  | 1,112        | 2,607               | 5,228          | 2,526        | 7,754                | 3                         | 1,958                | 1,342        | 3,300        | 1                            |
| Kgatlang            | 1,798                  | 1,277        | 3,075               | 8,362          | 5,161        | 13,523               | 4                         | 2,157                | 1,427        | 3,584        | 1                            |
| GABORONE REGION     | 8,740                  | 4,958        | 13,698              | 32,513         | 14,968       | 47,481               | 3                         | 11,618               | 6,165        | 17,783       | 1                            |
| Mahalapye East      | 2,736                  | 1,707        | 4,443               | 9,291          | 4,321        | 13,612               | 3                         | 4,032                | 2,423        | 6,455        | 1                            |
| Mahalapye West      | 1,402                  | 1,041        | 2,443               | 5,426          | 3,460        | 8,886                | 4                         | 1,731                | 1,341        | 3,072        | 1                            |
| Palapye             | 1,900                  | 1,520        | 3,420               | 5,320          | 3,281        | 8,602                | 3                         | 1,996                | 1,540        | 3,536        | 1                            |
| Serowe              | 1,968                  | 1,756        | 3,724               | 6,231          | 5,640        | 11,872               | 3                         | 2,335                | 2,049        | 4,384        | 1                            |
| Bobonong            | 1,778                  | 1,616        | 3,394               | 5,250          | 3,322        | 8,573                | 3                         | 2,106                | 1,793        | 3,899        | 1                            |
| Lethakane           | 1,308                  | 652          | 1,960               | 11,191         | 4,548        | 15,739               | 8                         | 1,507                | 745          | 2,252        | 1                            |
| Selebi-Phikwe       | 1,104                  | 868          | 1,972               | 3,582          | 2,314        | 5,896                | 3                         | 1,642                | 1,232        | 2,874        | 1                            |
| CENTRAL REGION      | 12,196                 | 9,160        | 21,356              | 46,292         | 26,886       | 73,178               | 3                         | 15,349               | 11,123       | 26,472       | 1                            |
| Tati                | 1,631                  | 1,429        | 3,060               | 3,365          | 2,479        | 5,844                | 2                         | 1,685                | 1,513        | 3,198        | 1                            |
| Tutume              | 2,399                  | 2,448        | 4,847               | 5,932          | 4,388        | 10,320               | 2                         | 2,660                | 2,543        | 5,203        | 1                            |
| Tonota              | 1,214                  | 899          | 2,113               | 4,797          | 2,759        | 7,556                | 4                         | 1,538                | 1,023        | 2,561        | 1                            |
| FRANCISTOWN REGION  | 5,244                  | 4,776        | 10,020              | 14,094         | 9,626        | 23,720               | 2                         | 5,883                | 5,079        | 10,962       | 1                            |
| Ngamiland West      | 2,114                  | 2,391        | 4,505               | 4,438          | 3,549        | 7,986                | 2                         | 2,347                | 2,648        | 4,995        | 1                            |
| Ngamiland East      | 1,805                  | 1,429        | 3,234               | 2,486          | 1,560        | 4,046                | 1                         | 2,278                | 1,741        | 4,019        | 1                            |
| Chobe               | 402                    | 427          | 829                 | 1,293          | 991          | 2,284                | 3                         | 563                  | 618          | 1,181        | 1                            |
| MAUN REGION         | 4,321                  | 4,247        | 8,568               | 8,217          | 6,099        | 14,316               | 2                         | 5,188                | 5,007        | 10,195       | 1                            |
| Gantsi              | 124                    | 40           | 164                 | 245            | 83           | 329                  | 2                         | 142                  | 41           | 183          | 1                            |
| Hukuntsi            | 114                    | 53           | 167                 | 782            | 104          | 886                  | 5                         | 136                  | 62           | 198          | 1                            |
| Tsabong             | 89                     | 40           | 129                 | 307            | 94           | 402                  | 3                         | 90                   | 40           | 130          | 1                            |
| WESTERN REGION      | 327                    | 133          | 460                 | 1,334          | 282          | 1,616                | 4                         | 368                  | 143          | 511          | 1                            |
| TOTAL TRADITIONAL   | 36,449                 | 25,836       | 62,285              | 135,175        | 68,207       | 203,382              | 3                         | 47,243               | 31,131       | 78,374       | 1                            |

TABLE 7.1B: LAND HOLDINGS AND LAND AREA (HECTARES) BY GENDER AND HECTARAGE SIZE

| Hectarage Size    | Land Holdings (Number) |              | Total Land Holdings | Land Area (HA) |              | Total Land Area (Ha) | Land Area Per Holding(HA) | Total Fields(Number) |              | Total Number of Fields |             |
|-------------------|------------------------|--------------|---------------------|----------------|--------------|----------------------|---------------------------|----------------------|--------------|------------------------|-------------|
|                   | Male Owned             | Female Owned |                     | Male Owned     | Female Owned |                      |                           | Male Owned           | Female Owned | Fields                 | per Holding |
| 0.01 - 1.00       | 6,639                  | 6,753        | 13,392              | 4,070          | 4,238        | 8,308                | 1                         | 6,983                | 7,099        | 14,082                 | 1           |
| 1.01 - 2.00       | 9,234                  | 7,941        | 17,175              | 13,674         | 11,569       | 25,243               | 1                         | 10,561               | 8,709        | 19,270                 | 1           |
| 2.01 - 3.00       | 6,918                  | 4,657        | 11,575              | 17,081         | 11,601       | 28,682               | 2                         | 8,649                | 5,512        | 14,161                 | 1           |
| 3.01 - 4.00       | 4,281                  | 2,516        | 6,797               | 14,933         | 8,661        | 23,594               | 3                         | 5,533                | 3,370        | 8,903                  | 1           |
| 4.01 - 5.00       | 2,867                  | 1,523        | 4,390               | 12,895         | 6,825        | 19,720               | 4                         | 4,036                | 2,260        | 6,296                  | 1           |
| 5.01 - 6.00       | 1,786                  | 886          | 2,672               | 9,818          | 4,842        | 14,660               | 5                         | 2,696                | 1,235        | 3,931                  | 1           |
| 6.01 - 7.00       | 1,389                  | 408          | 1,797               | 8,933          | 2,663        | 11,596               | 6                         | 2,348                | 663          | 3,011                  | 2           |
| 7.01 - 8.00       | 709                    | 366          | 1,075               | 5,305          | 2,714        | 8,018                | 7                         | 1,155                | 594          | 1,749                  | 2           |
| 8.01 - 9.00       | 620                    | 106          | 726                 | 5,249          | 901          | 6,150                | 8                         | 1,047                | 176          | 1,223                  | 2           |
| 9.01 - 10.00      | 365                    | 128          | 493                 | 3,481          | 1,203        | 4,684                | 10                        | 723                  | 228          | 951                    | 2           |
| 10.01 - 15.00     | 904                    | 328          | 1,232               | 10,964         | 3,960        | 14,924               | 12                        | 1,768                | 754          | 2,522                  | 2           |
| 15.01 +           | 737                    | 224          | 961                 | 28,772         | 9,031        | 37,803               | 39                        | 1,744                | 531          | 2,275                  | 2           |
| TOTAL TRADITIONAL | 36,449                 | 25,836       | 62,285              | 135,175        | 68,207       | 203,382              | 3                         | 47,243               | 31,131       | 78,374                 | 1           |

TABLE 7.1C: LAND HOLDINGS AND LAND AREA (HECTARES) BY GENDER AND AGE GROUP OF HOLDER

| Age Group of Holder | Land Holdings (Number) |              | Total Land Holdings | Land Area (HA) |              | Total Land Area (Ha) | Land Area Per Holding(HA) | Total Fields(Number) |              | Total Fields | Number of Fields per Holding |
|---------------------|------------------------|--------------|---------------------|----------------|--------------|----------------------|---------------------------|----------------------|--------------|--------------|------------------------------|
|                     | Male Owned             | Female Owned |                     | Male Owned     | Female Owned |                      |                           | Male Owned           | Female Owned |              |                              |
| 12 - 14             | -                      | -            | -                   | -              | -            | -                    | -                         | -                    | -            | -            | -                            |
| 15 - 19             | -                      | 22           | 22                  | -              | 18           | 18                   | 1                         | -                    | 22           | 22           | 1                            |
| 20 - 24             | 53                     | 200          | 253                 | 65             | 268          | 333                  | 1                         | 54                   | 206          | 260          | 1                            |
| 25 - 29             | 341                    | 424          | 765                 | 534            | 658          | 1,192                | 2                         | 367                  | 469          | 836          | 1                            |
| 30 - 34             | 799                    | 666          | 1,465               | 1,472          | 989          | 2,461                | 2                         | 894                  | 763          | 1,657        | 1                            |
| 35 - 39             | 1,338                  | 1,522        | 2,860               | 2,985          | 2,787        | 5,772                | 2                         | 1,528                | 1,717        | 3,245        | 1                            |
| 40 - 44             | 2,163                  | 2,287        | 4,450               | 5,014          | 4,142        | 9,156                | 2                         | 2,491                | 2,647        | 5,138        | 1                            |
| 45 - 49             | 3,741                  | 2,881        | 6,622               | 19,751         | 6,202        | 25,953               | 4                         | 4,512                | 3,436        | 7,948        | 1                            |
| 50 - 54             | 4,443                  | 2,749        | 7,192               | 14,769         | 7,189        | 21,958               | 3                         | 6,001                | 3,421        | 9,422        | 1                            |
| 55 - 59             | 4,871                  | 2,781        | 7,652               | 17,882         | 6,677        | 24,559               | 3                         | 6,511                | 3,267        | 9,778        | 1                            |
| 60 - 64             | 4,909                  | 2,819        | 7,728               | 18,469         | 9,352        | 27,821               | 4                         | 6,639                | 3,493        | 10,132       | 1                            |
| 65 +                | 13,791                 | 9,485        | 23,276              | 54,234         | 29,926       | 84,160               | 4                         | 18,246               | 11,690       | 29,936       | 1                            |
| TOTAL TRADITIONAL   | 36,449                 | 25,836       | 62,285              | 135,175        | 68,207       | 203,382              | 3                         | 47,243               | 31,131       | 78,374       | 1                            |

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

| District/Region     | Holdings Planted (Number) |              | Total Holdings Planted | Area Planted (HA) |              | Total Area Planted(Ha) | Area Planted Per Crop Holding(HA) | Total Fields Planted (Number) |              | Total Fields Planted | Fields Planted Per Holding |
|---------------------|---------------------------|--------------|------------------------|-------------------|--------------|------------------------|-----------------------------------|-------------------------------|--------------|----------------------|----------------------------|
|                     | Male Owned                | Female Owned |                        | Male Owned        | Female Owned |                        |                                   | Male Owned                    | Female Owned |                      |                            |
| Barolong            | 140                       | 31           | 171                    | 1,030             | 175          | 1,205                  | 7                                 | 252                           | 50           | 302                  | 2                          |
| Ngwaketse South     | 312                       | 85           | 397                    | 2,268             | 284          | 2,552                  | 6                                 | 468                           | 144          | 612                  | 2                          |
| Ngwaketse North     | 1,737                     | 703          | 2,440                  | 3,746             | 1,031        | 4,777                  | 2                                 | 1,967                         | 729          | 2,696                | 1                          |
| Ngwaketse Central   | 453                       | 251          | 704                    | 2,121             | 729          | 2,850                  | 4                                 | 520                           | 284          | 804                  | 1                          |
| Ngwaketse West      | 1,142                     | 501          | 1,643                  | 5,350             | 1,535        | 6,884                  | 4                                 | 2,047                         | 781          | 2,828                | 2                          |
| SOUTHERN REGION     | 3,784                     | 1,571        | 5,355                  | 14,515            | 3,753        | 18,269                 | 3                                 | 5,254                         | 1,988        | 7,242                | 1                          |
| Bamalete/Tlokweneng | 771                       | 306          | 1,077                  | 2,259             | 615          | 2,874                  | 3                                 | 953                           | 330          | 1,283                | 1                          |
| Kweneng South       | 2,444                     | 1,076        | 3,520                  | 6,335             | 2,226        | 8,561                  | 2                                 | 2,841                         | 1,284        | 4,125                | 1                          |
| Kweneng North       | 1,581                     | 757          | 2,338                  | 4,670             | 1,646        | 6,316                  | 3                                 | 1,863                         | 798          | 2,661                | 1                          |
| Kweneng West        | 1,465                     | 1,054        | 2,519                  | 4,572             | 2,172        | 6,744                  | 3                                 | 1,843                         | 1,233        | 3,076                | 1                          |
| Kgatlang            | 1,648                     | 1,155        | 2,803                  | 7,038             | 4,321        | 11,359                 | 4                                 | 1,780                         | 1,170        | 2,950                | 1                          |
| GABORONE REGION     | 7,909                     | 4,348        | 12,257                 | 24,874            | 10,979       | 35,853                 | 3                                 | 9,280                         | 4,815        | 14,095               | 1                          |
| Mahalapye East      | 2,697                     | 1,613        | 4,310                  | 8,419             | 4,010        | 12,429                 | 3                                 | 3,702                         | 2,268        | 5,970                | 1                          |
| Mahalapye West      | 1,345                     | 1,006        | 2,351                  | 4,961             | 3,246        | 8,206                  | 3                                 | 1,527                         | 1,224        | 2,751                | 1                          |
| Palapye             | 1,847                     | 1,476        | 3,323                  | 5,221             | 3,205        | 8,426                  | 3                                 | 1,926                         | 1,481        | 3,407                | 1                          |
| Serowe              | 1,769                     | 1,593        | 3,362                  | 5,068             | 3,483        | 8,551                  | 3                                 | 1,834                         | 1,659        | 3,493                | 1                          |
| Bobonong            | 1,604                     | 1,411        | 3,015                  | 4,863             | 2,693        | 7,556                  | 3                                 | 1,841                         | 1,522        | 3,363                | 1                          |
| Lethakane           | 1,290                     | 615          | 1,905                  | 1,802             | 750          | 2,552                  | 1                                 | 1,398                         | 679          | 2,077                | 1                          |
| Selebi-Phikwe       | 970                       | 796          | 1,766                  | 2,399             | 1,599        | 3,998                  | 2                                 | 1,016                         | 828          | 1,844                | 1                          |
| CENTRAL REGION      | 11,522                    | 8,510        | 20,032                 | 32,733            | 18,985       | 51,718                 | 3                                 | 13,244                        | 9,661        | 22,905               | 1                          |
| Tati                | 1,548                     | 1,392        | 2,940                  | 3,183             | 2,271        | 5,454                  | 2                                 | 1,548                         | 1,392        | 2,940                | 1                          |
| Tutume              | 2,223                     | 2,097        | 4,320                  | 5,285             | 3,769        | 9,054                  | 2                                 | 2,314                         | 2,113        | 4,427                | 1                          |
| Tonota              | 1,140                     | 808          | 1,948                  | 4,115             | 2,451        | 6,566                  | 3                                 | 1,274                         | 822          | 2,096                | 1                          |
| FRANCISTOWN REGION  | 4,911                     | 4,297        | 9,208                  | 12,583            | 8,491        | 21,074                 | 2                                 | 5,136                         | 4,327        | 9,463                | 1                          |
| Ngamiland West      | 2,043                     | 2,314        | 4,357                  | 4,289             | 3,345        | 7,634                  | 2                                 | 2,251                         | 2,497        | 4,748                | 1                          |
| Ngamiland East      | 1,676                     | 1,304        | 2,980                  | 2,075             | 1,284        | 3,359                  | 1                                 | 1,973                         | 1,496        | 3,469                | 1                          |
| Chobe               | 336                       | 372          | 708                    | 1,003             | 780          | 1,782                  | 3                                 | 428                           | 494          | 922                  | 1                          |
| MAUN REGION         | 4,055                     | 3,990        | 8,045                  | 7,367             | 5,408        | 12,775                 | 2                                 | 4,652                         | 4,487        | 9,139                | 1                          |
| Gantsi              | 106                       | 36           | 142                    | 184               | 73           | 257                    | 2                                 | 115                           | 36           | 151                  | 1                          |
| Hukuntsi            | 89                        | 40           | 129                    | 202               | 69           | 271                    | 2                                 | 89                            | 40           | 129                  | 1                          |
| Tsabong             | 18                        | -            | 18                     | 33                | -            | 33                     | 2                                 | 18                            | -            | 18                   | 1                          |
| WESTERN REGION      | 213                       | 76           | 289                    | 419               | 141          | 561                    | 2                                 | 222                           | 76           | 298                  | 1                          |
| TOTAL TRADITIONAL   | 32,394                    | 22,792       | 55,186                 | 92,491            | 47,758       | 140,250                | 3                                 | 37,788                        | 25,354       | 63,142               | 1                          |

TABLE 7.2B: HOLDINGS PLANTED AND PLANTED AREA (HECTARES) BY GENDER AND HECTARAGE SIZE

| Hectarage Size    | Holdings Planted (Number) |              | Total Holdings<br>Planted | Area Planted (HA) |              | Total Area<br>Planted(Ha) | Area Planted Per<br>Holding Planted (HA) | Total Fields Planted (Number) |              | Total Fields<br>Planted | Fields Planted<br>Per Holding |
|-------------------|---------------------------|--------------|---------------------------|-------------------|--------------|---------------------------|------------------------------------------|-------------------------------|--------------|-------------------------|-------------------------------|
|                   | Male Owned                | Female Owned |                           | Male Owned        | Female Owned |                           |                                          | Male Owned                    | Female Owned |                         |                               |
| 0.01 - 1.00       | 6,139                     | 6,026        | 12,165                    | 3,698             | 3,693        | 7,392                     | 1                                        | 6,325                         | 6,197        | 12,522                  | 1                             |
| 1.01 - 2.00       | 8,138                     | 7,106        | 15,244                    | 11,781            | 10,090       | 21,871                    | 1                                        | 8,938                         | 7,548        | 16,486                  | 1                             |
| 2.01 - 3.00       | 6,225                     | 4,110        | 10,335                    | 14,547            | 9,720        | 24,267                    | 2                                        | 7,084                         | 4,503        | 11,587                  | 1                             |
| 3.01 - 4.00       | 3,831                     | 2,257        | 6,088                     | 12,162            | 7,014        | 19,176                    | 3                                        | 4,351                         | 2,615        | 6,966                   | 1                             |
| 4.01 - 5.00       | 2,517                     | 1,330        | 3,847                     | 9,931             | 4,817        | 14,747                    | 4                                        | 2,947                         | 1,610        | 4,557                   | 1                             |
| 5.01 - 6.00       | 1,624                     | 730          | 2,354                     | 7,847             | 3,459        | 11,306                    | 5                                        | 2,051                         | 879          | 2,930                   | 1                             |
| 6.01 - 7.00       | 1,186                     | 327          | 1,513                     | 6,439             | 1,589        | 8,028                     | 5                                        | 1,667                         | 407          | 2,074                   | 1                             |
| 7.01 - 8.00       | 562                       | 309          | 871                       | 3,339             | 1,831        | 5,170                     | 6                                        | 720                           | 419          | 1,139                   | 1                             |
| 8.01 - 9.00       | 526                       | 61           | 587                       | 3,879             | 456          | 4,336                     | 7                                        | 778                           | 99           | 877                     | 1                             |
| 9.01 - 10.00      | 347                       | 101          | 448                       | 2,779             | 805          | 3,583                     | 8                                        | 551                           | 171          | 722                     | 2                             |
| 10.01 - 15.00     | 709                       | 251          | 960                       | 6,646             | 2,543        | 9,189                     | 10                                       | 1,213                         | 533          | 1,746                   | 2                             |
| 15.01 +           | 590                       | 184          | 774                       | 9,444             | 1,739        | 11,183                    | 14                                       | 1,163                         | 373          | 1,536                   | 2                             |
| TOTAL TRADITIONAL | 32,394                    | 22,792       | 55,186                    | 92,491            | 47,757       | 140,248                   | 3                                        | 37,788                        | 25,354       | 63,142                  | 1                             |

TABLE 7.2C: HOLDINGS PLANTED AND PLANTED AREA (HECTARES) BY GENDER AND AGE GROUP OF HOLDER

| Age Group of Holder | Holdings Planted (Number) |              | Total Holdings<br>Planted | Area Planted (HA) |              | Total Area<br>Planted(Ha) | Area Planted Per<br>Holding Planted(HA) | Total Fields Planted (Number) |              | Total Fields<br>Planted | Fields Planted<br>Per Holding |
|---------------------|---------------------------|--------------|---------------------------|-------------------|--------------|---------------------------|-----------------------------------------|-------------------------------|--------------|-------------------------|-------------------------------|
|                     | Male Owned                | Female Owned |                           | Male Owned        | Female Owned |                           |                                         | Male Owned                    | Female Owned |                         |                               |
| 12 - 14             | -                         | -            | -                         | -                 | -            | -                         | -                                       | -                             | -            | -                       | -                             |
| 15 - 19             | -                         | 22           | 22                        | -                 | 18           | 18                        | 1                                       | -                             | 22           | 22                      | 1                             |
| 20 - 24             | 51                        | 186          | 237                       | 62                | 246          | 307                       | 1                                       | 51                            | 192          | 243                     | 1                             |
| 25 - 29             | 290                       | 395          | 685                       | 405               | 545          | 950                       | 1                                       | 308                           | 433          | 741                     | 1                             |
| 30 - 34             | 721                       | 614          | 1,335                     | 1,178             | 819          | 1,998                     | 2                                       | 754                           | 669          | 1,423                   | 1                             |
| 35 - 39             | 1,223                     | 1,406        | 2,629                     | 2,607             | 2,396        | 5,003                     | 2                                       | 1,364                         | 1,575        | 2,939                   | 1                             |
| 40 - 44             | 1,970                     | 2,061        | 4,031                     | 4,240             | 3,401        | 7,641                     | 2                                       | 2,211                         | 2,269        | 4,480                   | 1                             |
| 45 - 49             | 3,351                     | 2,609        | 5,960                     | 8,368             | 4,914        | 13,283                    | 2                                       | 3,845                         | 2,848        | 6,693                   | 1                             |
| 50 - 54             | 4,010                     | 2,451        | 6,461                     | 12,347            | 5,441        | 17,788                    | 3                                       | 4,916                         | 2,877        | 7,793                   | 1                             |
| 55 - 59             | 4,370                     | 2,507        | 6,877                     | 13,558            | 5,442        | 19,000                    | 3                                       | 5,279                         | 2,710        | 7,989                   | 1                             |
| 60 - 64             | 4,311                     | 2,457        | 6,768                     | 12,574            | 5,766        | 18,339                    | 3                                       | 5,129                         | 2,712        | 7,841                   | 1                             |
| 65 +                | 12,097                    | 8,084        | 20,181                    | 37,152            | 18,769       | 55,921                    | 3                                       | 13,931                        | 9,047        | 22,978                  | 1                             |
| TOTAL TRADITIONAL   | 32,394                    | 22,792       | 55,186                    | 92,491            | 47,757       | 140,248                   | 3                                       | 37,788                        | 25,354       | 63,142                  | 1                             |

TABLE 7.3 HOLDINGS HARVESTED AND AREA HARVESTED (HECTARES) BY GENDER, DISTRICT AND REGION

| District/Region     | Harvested Holdings |              | Total Harvested Holdings | Area Harvested (ha) |              | Total Area Harvested(Ha) | Area Harvested Per Harvested Holdings |
|---------------------|--------------------|--------------|--------------------------|---------------------|--------------|--------------------------|---------------------------------------|
|                     | Male Owned         | Female Owned |                          | Male Owned          | Female Owned |                          |                                       |
| Barolong            | 110                | 24           | 134                      | 620                 | 145          | 765                      | 6                                     |
| Ngwaketse South     | 241                | 58           | 299                      | 1,679               | 162          | 1,840                    | 6                                     |
| Ngwaketse North     | 1,330              | 366          | 1,696                    | 2,728               | 439          | 3,167                    | 2                                     |
| Ngwaketse Central   | 338                | 141          | 479                      | 1,501               | 394          | 1,895                    | 4                                     |
| Ngwaketse West      | 909                | 340          | 1,249                    | 3,704               | 865          | 4,569                    | 4                                     |
| SOUTHERN REGION     | 2,928              | 929          | 3,857                    | 10,232              | 2,004        | 12,236                   | 3                                     |
| Bamalete/Tlokweneng | 625                | 251          | 876                      | 1,324               | 347          | 1,671                    | 2                                     |
| Kweneng South       | 1,860              | 779          | 2,639                    | 4,312               | 1,375        | 5,687                    | 2                                     |
| Kweneng North       | 1,261              | 528          | 1,789                    | 2,909               | 904          | 3,813                    | 2                                     |
| Kweneng West        | 1,281              | 930          | 2,211                    | 3,542               | 1,567        | 5,109                    | 2                                     |
| Kgatlang            | 1,521              | 930          | 2,451                    | 5,724               | 2,932        | 8,656                    | 4                                     |
| GABORONE REGION     | 6,548              | 3,418        | 9,966                    | 17,811              | 7,125        | 24,935                   | 3                                     |
| Mahalapye East      | 2,226              | 1,279        | 3,505                    | 5,791               | 2,375        | 8,166                    | 2                                     |
| Mahalapye West      | 1,265              | 801          | 2,066                    | 4,000               | 2,063        | 6,063                    | 3                                     |
| Palapye             | 1,688              | 1,312        | 3,000                    | 4,009               | 2,331        | 6,340                    | 2                                     |
| Serowe              | 1,670              | 1,425        | 3,095                    | 3,909               | 2,471        | 6,380                    | 2                                     |
| Bobonong            | 1,204              | 1,139        | 2,343                    | 2,680               | 1,829        | 4,509                    | 2                                     |
| Letlhakane          | 1,023              | 507          | 1,530                    | 1,330               | 549          | 1,879                    | 1                                     |
| Selebi-Phikwe       | 777                | 518          | 1,295                    | 1,502               | 751          | 2,253                    | 2                                     |
| CENTRAL REGION      | 9,853              | 6,981        | 16,834                   | 23,221              | 12,370       | 35,591                   | 2                                     |
| Tati                | 1,416              | 1,272        | 2,688                    | 2,569               | 1,833        | 4,402                    | 2                                     |
| Tutume              | 2,104              | 1,812        | 3,916                    | 4,088               | 2,748        | 6,836                    | 2                                     |
| Tonota              | 1,050              | 752          | 1,802                    | 2,995               | 1,726        | 4,721                    | 3                                     |
| FRANCISTOWN REGION  | 4,570              | 3,836        | 8,406                    | 9,652               | 6,307        | 15,958                   | 2                                     |
| Ngamiland West      | 1,747              | 2,026        | 3,773                    | 3,233               | 2,685        | 5,919                    | 2                                     |
| Ngamiland East      | 1,261              | 1,042        | 2,303                    | 1,384               | 931          | 2,316                    | 1                                     |
| Chobe               | 229                | 241          | 470                      | 731                 | 520          | 1,251                    | 3                                     |
| MAUN REGION         | 3,237              | 3,309        | 6,546                    | 5,349               | 4,137        | 9,486                    | 1                                     |
| Gantsi              | 91                 | 32           | 123                      | 105                 | 26           | 131                      | 1                                     |
| Hukuntsi            | 47                 | 15           | 62                       | 70                  | 23           | 93                       | 2                                     |
| Tsabong             | 3                  | -            | 3                        | 12                  | -            | 12                       | 4                                     |
| WESTERN REGION      | 141                | 47           | 188                      | 187                 | 49           | 236                      | 1                                     |
| TOTAL TRADITIONAL   | 27,277             | 18,520       | 45,797                   | 66,450              | 31,992       | 98,442                   | 2                                     |



TABLE 7.4: HOLDINGS PLANTED BY TYPE OF CROP, DISTRICT AND REGION

| District/Region    | Sorghum | Maize  | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops |
|--------------------|---------|--------|--------|--------------|-----------|------------|-------------|
| Barolong           | 62      | 158    | -      | 124          | 17        | 5          | 52          |
| Ngwaketse South    | 221     | 317    | 3      | 245          | 2         | 25         | 117         |
| Ngwaketse North    | 878     | 2,392  | 13     | 2,085        | 3         | 15         | 1,765       |
| Ngwaketse Central  | 287     | 667    | -      | 394          | -         | 4          | 292         |
| Ngwaketse West     | 912     | 1,585  | 9      | 1,432        | 13        | 32         | 1,210       |
| SOUTHERN REGION    | 2,360   | 5,119  | 25     | 4,280        | 35        | 81         | 3,436       |
| Bamalete/Tlokweng  | 615     | 1,018  | -      | 889          | 6         | 17         | 813         |
| Kweneng South      | 1,980   | 3,400  | 70     | 3,165        | -         | 18         | 3,280       |
| Kweneng North      | 1,491   | 2,295  | 46     | 2,145        | 36        | 162        | 2,120       |
| Kweneng West       | 1,968   | 2,464  | 17     | 2,259        | 19        | 90         | 1,833       |
| Kgatleng           | 1,944   | 2,703  | 225    | 2,076        | 33        | 122        | 1,701       |
| GABORONE REGION    | 7,998   | 11,880 | 358    | 10,534       | 94        | 409        | 9,747       |
| Mahalapye East     | 3,544   | 4,146  | 305    | 3,948        | 54        | 341        | 3,353       |
| Mahalapye West     | 2,072   | 2,299  | 265    | 2,153        | 14        | 163        | 1,699       |
| Palapye            | 3,031   | 3,145  | 343    | 3,121        | 22        | 237        | 3,112       |
| Serowe             | 2,676   | 3,324  | 332    | 2,935        | 31        | 224        | 2,427       |
| Bobonong           | 2,494   | 2,818  | 482    | 2,616        | 93        | 654        | 2,037       |
| Letlhakane         | 623     | 1,861  | 343    | 1,591        | 29        | 237        | 1,836       |
| Selebi-Phikwe      | 1,362   | 1,590  | 414    | 1,452        | 20        | 329        | 1,392       |
| CENTRAL REGION     | 15,802  | 19,183 | 2,484  | 17,816       | 263       | 2,185      | 15,856      |
| Tati               | 2,742   | 2,813  | 1,994  | 2,342        | 26        | 1,082      | 2,111       |
| Tutume             | 4,111   | 4,089  | 3,395  | 2,831        | 5         | 861        | 2,327       |
| Tonota             | 1,833   | 1,887  | 1,179  | 1,748        | 27        | 883        | 1,757       |
| FRANCISTOWN REGION | 8,686   | 8,789  | 6,568  | 6,921        | 58        | 2,826      | 6,195       |
| Ngamiland West     | 2,023   | 2,965  | 2,972  | 1,655        | -         | 367        | 2,195       |
| Ngamiland East     | 1,135   | 2,945  | 429    | 2,163        | 3         | 74         | 2,352       |
| Chobe              | 306     | 692    | 42     | 228          | -         | 20         | 197         |
| MAUN REGION        | 3,464   | 6,602  | 3,443  | 4,046        | 3         | 461        | 4,744       |
| Gantsi             | 64      | 137    | -      | 135          | -         | 3          | 109         |
| Hukuntsi           | 51      | 105    | -      | 125          | -         | 1          | 107         |
| Tsabong            | 2       | 18     | -      | 18           | -         | -          | 15          |
| WESTERN REGION     | 117     | 260    | -      | 278          | -         | 4          | 231         |
| TOTAL TRADITIONAL  | 38,427  | 51,833 | 12,878 | 43,875       | 453       | 5,966      | 40,209      |

TABLE 7.5: HOLDINGS HARVESTED BY TYPE OF CROP, DISTRICT AND REGION

| District/Region     | Sorghum | Maize  | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops |
|---------------------|---------|--------|--------|--------------|-----------|------------|-------------|
| Barolong            | 40      | 95     | -      | 64           | 14        | 5          | 34          |
| Ngwaketse South     | 181     | 162    | 3      | 103          | 2         | 15         | 50          |
| Ngwaketse North     | 282     | 1,528  | 7      | 774          | 1         | 7          | 835         |
| Ngwaketse Central   | 169     | 426    | -      | 169          | -         | -          | 127         |
| Ngwaketse West      | 535     | 1,042  | 6      | 559          | 7         | -          | 485         |
| SOUTHERN REGION     | 1,207   | 3,253  | 16     | 1,669        | 24        | 27         | 1,531       |
| Bamalete/Tlokweneng | 411     | 556    | -      | 318          | 6         | 5          | 516         |
| Kweneng South       | 1,363   | 2,182  | 16     | 1,135        | -         | 7          | 1,341       |
| Kweneng North       | 937     | 1,288  | 14     | 878          | 26        | 62         | 984         |
| Kweneng West        | 1,429   | 1,772  | 17     | 1,164        | 3         | 48         | 1,072       |
| Kgatleng            | 1,619   | 2,056  | 114    | 690          | 2         | 79         | 830         |
| GABORONE REGION     | 5,759   | 7,854  | 161    | 4,185        | 37        | 201        | 4,743       |
| Mahalapye East      | 2,487   | 2,460  | 200    | 1,947        | 9         | 214        | 2,008       |
| Mahalapye West      | 1,785   | 1,611  | 109    | 1,327        | 9         | 81         | 1,211       |
| Palapye             | 2,628   | 1,751  | 229    | 1,768        | 18        | 95         | 2,104       |
| Serowe              | 2,257   | 2,190  | 235    | 1,434        | 28        | 88         | 695         |
| Bobonong            | 1,547   | 1,348  | 383    | 1,182        | 41        | 356        | 1,277       |
| Letlhakane          | 319     | 1,379  | 194    | 401          | 29        | 49         | 1,032       |
| Selebi-Phikwe       | 975     | 670    | 300    | 405          | 13        | 133        | 323         |
| CENTRAL REGION      | 11,998  | 11,409 | 1,650  | 8,464        | 147       | 1,016      | 8,650       |
| Tati                | 2,348   | 1,884  | 1,629  | 1,289        | -         | 658        | 26          |
| Tutume              | 3,383   | 2,422  | 3,016  | 859          | 2         | 310        | 946         |
| Tonota              | 1,695   | 1,172  | 1,090  | 801          | 24        | 366        | 234         |
| FRANCISTOWN REGION  | 7,426   | 5,478  | 5,735  | 2,949        | 26        | 1,334      | 1,206       |
| Ngamiland West      | 1,713   | 1,986  | 2,779  | 778          | -         | 176        | 1,376       |
| Ngamiland East      | 687     | 2,022  | 283    | 1,198        | -         | 33         | 1,268       |
| Chobe               | 184     | 433    | 27     | 59           | -         | 6          | 42          |
| MAUN REGION         | 2,584   | 4,441  | 3,089  | 2,035        | -         | 215        | 2,686       |
| Gantsi              | 23      | 45     | -      | 112          | -         | 3          | 76          |
| Hukuntsi            | 5       | 18     | -      | 54           | -         | -          | 21          |
| Tsabong             | -       | 3      | -      | 3            | -         | -          | -           |
| WESTERN REGION      | 28      | 66     | -      | 169          | -         | 3          | 97          |
| TOTAL TRADITIONAL   | 29,002  | 32,501 | 10,651 | 19,471       | 234       | 2,796      | 18,913      |

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

| District/Region     | Sorghum | Maize  | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops | Total Area |
|---------------------|---------|--------|--------|--------------|-----------|------------|-------------|------------|
| Barolong            | 262     | 655    | -      | 193          | 80        | 5          | 9           | 1,205      |
| Ngwaketse South     | 1,220   | 823    | 60     | 321          | 0         | 21         | 108         | 2,552      |
| Ngwaketse North     | 648     | 3,205  | 1      | 726          | 1         | 3          | 194         | 4,777      |
| Ngwaketse Central   | 823     | 1,511  | -      | 371          | -         | 3          | 143         | 2,850      |
| Ngwaketse West      | 2,068   | 3,559  | 1      | 1,061        | 4         | 3          | 188         | 6,884      |
| SOUTHERN REGION     | 5,021   | 9,752  | 62     | 2,673        | 85        | 34         | 642         | 18,269     |
| Bamalete/Tlokweneng | 973     | 1,552  | -      | 235          | 1         | 3          | 111         | 2,874      |
| Kweneng South       | 2,152   | 4,997  | 24     | 977          | -         | 1          | 410         | 8,561      |
| Kweneng North       | 2,231   | 3,136  | 31     | 609          | 3         | 53         | 253         | 6,316      |
| Kweneng West        | 2,559   | 3,058  | 2      | 872          | 23        | 27         | 202         | 6,744      |
| Kgatlang            | 4,048   | 5,848  | 172    | 899          | 25        | 24         | 343         | 11,359     |
| GABORONE REGION     | 11,963  | 18,590 | 229    | 3,591        | 52        | 109        | 1,319       | 35,853     |
| Mahalapye East      | 5,337   | 4,407  | 128    | 1,658        | 5         | 100        | 794         | 12,429     |
| Mahalapye West      | 3,831   | 2,836  | 92     | 952          | 3         | 42         | 450         | 8,206      |
| Palapye             | 3,708   | 3,131  | 81     | 1,080        | 4         | 34         | 388         | 8,426      |
| Serowe              | 2,971   | 4,173  | 109    | 855          | 1         | 68         | 373         | 8,551      |
| Bobonong            | 2,619   | 3,080  | 326    | 940          | 14        | 184        | 393         | 7,556      |
| Letlhakane          | 435     | 1,721  | 69     | 185          | 1         | 18         | 123         | 2,552      |
| Selebi-Phikwe       | 1,366   | 1,606  | 169    | 450          | 8         | 113        | 285         | 3,998      |
| CENTRAL REGION      | 20,267  | 20,954 | 975    | 6,120        | 37        | 559        | 2,806       | 51,718     |
| Tati                | 2,026   | 1,936  | 827    | 336          | 7         | 155        | 167         | 5,454      |
| Tutume              | 3,275   | 3,064  | 1,701  | 631          | 0         | 83         | 299         | 9,054      |
| Tonota              | 2,836   | 2,055  | 597    | 708          | 12        | 101        | 256         | 6,566      |
| FRANCISTOWN REGION  | 8,137   | 7,056  | 3,125  | 1,675        | 20        | 339        | 722         | 21,074     |
| Ngamiland West      | 1,815   | 2,721  | 2,598  | 316          | -         | 36         | 148         | 7,634      |
| Ngamiland East      | 612     | 2,166  | 73     | 362          | 0         | 5          | 141         | 3,359      |
| Chobe               | 527     | 1,163  | 15     | 53           | -         | 3          | 22          | 1,782      |
| MAUN REGION         | 2,954   | 6,049  | 2,686  | 731          | 0         | 43         | 311         | 12,775     |
| Gantsi              | 56      | 113    | -      | 76           | -         | 1          | 11          | 257        |
| Hukuntsi            | 54      | 123    | -      | 87           | -         | -          | 7           | 271        |
| Tsabong             | 2       | 26     | -      | 5            | -         | -          | 0           | 33         |
| WESTERN REGION      | 112     | 262    | -      | 168          | -         | 1          | 18          | 561        |
| TOTAL TRADITIONAL   | 48,454  | 62,664 | 7,077  | 14,957       | 193       | 1,087      | 5,818       | 140,250    |

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

| District/Region     | Sorghum | Maize  | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops | Total Area |
|---------------------|---------|--------|--------|--------------|-----------|------------|-------------|------------|
| Barolong            | 169     | 401    | -      | 113          | 71        | 5          | 7           | 765        |
| Ngwaketse South     | 1,012   | 496    | 60     | 241          | 0         | 9          | 22          | 1,840      |
| Ngwaketse North     | 280     | 2,420  | 0      | 352          | 0         | 1          | 112         | 3,167      |
| Ngwaketse Central   | 550     | 984    | -      | 271          | -         | -          | 90          | 1,895      |
| Ngwaketse West      | 1,563   | 2,413  | 1      | 550          | 2         | -          | 40          | 4,569      |
| SOUTHERN REGION     | 3,575   | 6,712  | 62     | 1,527        | 73        | 16         | 270         | 12,236     |
| Bamalete/Tlokweneng | 554     | 970    | -      | 90           | 1         | 0          | 57          | 1,671      |
| Kweneng South       | 1,709   | 3,311  | 3      | 436          | -         | 0          | 228         | 5,687      |
| Kweneng North       | 1,484   | 1,907  | 22     | 246          | 2         | 22         | 129         | 3,813      |
| Kweneng West        | 2,027   | 2,392  | 2      | 553          | 0         | 26         | 108         | 5,109      |
| Kgatlang            | 3,597   | 4,531  | 46     | 322          | 3         | 14         | 142         | 8,656      |
| GABORONE REGION     | 9,370   | 13,113 | 73     | 1,647        | 6         | 63         | 664         | 24,935     |
| Mahalapye East      | 3,932   | 2,821  | 92     | 788          | 4         | 57         | 473         | 8,166      |
| Mahalapye West      | 3,044   | 2,155  | 29     | 561          | 3         | 18         | 253         | 6,063      |
| Palapye             | 3,414   | 1,958  | 65     | 657          | 1         | 21         | 224         | 6,340      |
| Serowe              | 2,619   | 3,093  | 94     | 465          | 1         | 23         | 84          | 6,380      |
| Bobonong            | 1,798   | 1,612  | 288    | 461          | 5         | 105        | 241         | 4,509      |
| Letlhakane          | 290     | 1,407  | 47     | 54           | 1         | 5          | 76          | 1,879      |
| Selebi-Phikwe       | 1,048   | 784    | 133    | 156          | 8         | 46         | 78          | 2,253      |
| CENTRAL REGION      | 16,146  | 13,831 | 748    | 3,143        | 22        | 274        | 1,428       | 35,591     |
| Tati                | 1,883   | 1,486  | 757    | 184          | -         | 90         | 1           | 4,402      |
| Tutume              | 2,777   | 2,052  | 1,598  | 196          | 0         | 30         | 181         | 6,836      |
| Tonota              | 2,263   | 1,416  | 584    | 353          | 12        | 62         | 31          | 4,721      |
| FRANCISTOWN REGION  | 6,924   | 4,955  | 2,939  | 733          | 13        | 182        | 213         | 15,958     |
| Ngamiland West      | 1,613   | 1,558  | 2,506  | 138          | -         | 17         | 87          | 5,919      |
| Ngamiland East      | 434     | 1,573  | 51     | 191          | -         | 2          | 65          | 2,316      |
| Chobe               | 439     | 784    | 12     | 13           | -         | 1          | 2           | 1,251      |
| MAUN REGION         | 2,486   | 3,915  | 2,569  | 343          | -         | 19         | 154         | 9,486      |
| Gantsi              | 14      | 44     | -      | 66           | -         | 1          | 5           | 131        |
| Hukuntsi            | 8       | 40     | -      | 44           | -         | -          | 1           | 93         |
| Tsabong             | -       | 11     | -      | 1            | -         | -          | -           | 12         |
| WESTERN REGION      | 22      | 96     | -      | 110          | -         | 1          | 6           | 236        |
| TOTAL TRADITIONAL   | 38,523  | 42,621 | 6,391  | 7,504        | 114       | 555        | 2,734       | 98,442     |

TABLE 7.8: TOTAL PRODUCTION (METRIC TONNES) BY TYPE OF CROP, DISTRICT AND REGION

| District/Region     | Sorghum | Maize | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops |
|---------------------|---------|-------|--------|--------------|-----------|------------|-------------|
| Barolong            | 41      | 130   | -      | 21           | 7         | 4          | 40          |
| Ngwaketse South     | 318     | 97    | 23     | 17           | -         | 6          | 100         |
| Ngwaketse North     | 58      | 431   | -      | 76           | -         | 1          | 3,009       |
| Ngwaketse Central   | 154     | 217   | -      | 27           | -         | -          | 764         |
| Ngwaketse West      | 211     | 387   | -      | 60           | -         | -          | 1,875       |
| SOUTHERN REGION     | 781     | 1,262 | 23     | 200          | 7         | 11         | 5,787       |
| Bamalete/Tlokweneng | 118     | 151   | -      | 17           | -         | -          | 744         |
| Kweneng South       | 381     | 521   | 1      | 99           | -         | 1          | 2,156       |
| Kweneng North       | 413     | 247   | 7      | 93           | 1         | 11         | 2,435       |
| Kweneng West        | 458     | 534   | -      | 130          | -         | 32         | 2,185       |
| Kgatlang            | 631     | 596   | 10     | 51           | 1         | 7          | 4,126       |
| GABORONE REGION     | 2,001   | 2,049 | 19     | 390          | 2         | 50         | 11,646      |
| Mahalapye East      | 1,032   | 390   | 27     | 653          | 1         | 12         | 7,340       |
| Mahalapye West      | 925     | 245   | 13     | 126          | 1         | 3          | 5,229       |
| Palapye             | 1,083   | 214   | 32     | 188          | 1         | 3          | 5,318       |
| Serowe              | 1,003   | 566   | 32     | 80           | -         | 23         | 1,053       |
| Bobonong            | 215     | 206   | 71     | 64           | 1         | 31         | 5,518       |
| Letlhakane          | 69      | 266   | 14     | 15           | 2         | 1          | 3,412       |
| Selebi-Phikwe       | 285     | 89    | 40     | 25           | 4         | 8          | 613         |
| CENTRAL REGION      | 4,612   | 1,976 | 229    | 1,152        | 10        | 82         | 28,483      |
| Tati                | 588     | 188   | 420    | 86           | -         | 80         | 1           |
| Tutume              | 817     | 303   | 876    | 34           | -         | 21         | 1,252       |
| Tonota              | 974     | 198   | 277    | 55           | 3         | 15         | 540         |
| FRANCISTOWN REGION  | 2,379   | 689   | 1,573  | 176          | 3         | 117        | 1,793       |
| Ngamiland West      | 348     | 223   | 808    | 24           | -         | 6          | 1,167       |
| Ngamiland East      | 98      | 441   | 27     | 69           | -         | 1          | 3,151       |
| Chobe               | 295     | 570   | 3      | 3            | -         | -          | 65          |
| MAUN REGION         | 741     | 1,234 | 837    | 96           | -         | 8          | 4,383       |
| Gantsi              | 2       | 4     | -      | 11           | -         | -          | 231         |
| Hukuntsi            | 1       | 2     | -      | 4            | -         | -          | 56          |
| Tsabong             | -       | -     | -      | -            | -         | -          | -           |
| WESTERN REGION      | 3       | 6     | -      | 16           | -         | -          | 287         |
| TOTAL TRADITIONAL   | 10,516  | 7,217 | 2,681  | 2,030        | 22        | 268        | 52,379      |

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

| District/Region     | Sorghum | Maize | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops |
|---------------------|---------|-------|--------|--------------|-----------|------------|-------------|
| Barolong            | 156     | 199   | -      | 109          | 88        | 818        | 4,264       |
| Ngwaketse South     | 261     | 118   | 381    | 53           | -         | 288        | 930         |
| Ngwaketse North     | 89      | 134   | -      | 105          | -         | 400        | 15,511      |
| Ngwaketse Central   | 187     | 144   | -      | 73           | -         | -          | 5,357       |
| Ngwaketse West      | 102     | 109   | -      | 57           | -         | -          | 9,962       |
| SOUTHERN REGION     | 156     | 129   | 369    | 75           | 83        | 319        | 9,018       |
| Bamalete/Tlokweneng | 121     | 97    | -      | 72           | -         | -          | 6,725       |
| Kweneng South       | 177     | 104   | 41     | 101          | -         | 1,124      | 5,262       |
| Kweneng North       | 185     | 79    | 228    | 153          | 317       | 206        | 9,615       |
| Kweneng West        | 179     | 175   | -      | 149          | -         | 1,174      | 10,822      |
| Kgatlang            | 156     | 102   | 58     | 57           | 40        | 289        | 12,014      |
| GABORONE REGION     | 167     | 110   | 83     | 109          | 39        | 458        | 8,830       |
| Mahalapye East      | 193     | 88    | 211    | 394          | 190       | 120        | 9,243       |
| Mahalapye West      | 241     | 86    | 142    | 132          | 318       | 71         | 11,629      |
| Palapye             | 292     | 68    | 396    | 174          | 240       | 87         | 13,702      |
| Serowe              | 338     | 136   | 294    | 94           | -         | 339        | 2,824       |
| Bobonong            | 82      | 67    | 218    | 68           | 72        | 168        | 14,041      |
| Letlhakane          | 159     | 155   | 202    | 81           | 3,704     | 56         | 27,708      |
| Selebi-Phikwe       | 209     | 55    | 236    | 56           | 483       | 71         | 2,148       |
| CENTRAL REGION      | 228     | 94    | 235    | 188          | 272       | 147        | 10,150      |
| Tati                | 290     | 97    | 508    | 256          | -         | 516        | 6           |
| Tutume              | 249     | 99    | 515    | 54           | -         | 254        | 4,185       |
| Tonota              | 343     | 96    | 464    | 78           | 244       | 148        | 2,110       |
| FRANCISTOWN REGION  | 292     | 98    | 503    | 105          | 150       | 345        | 2,483       |
| Ngamiland West      | 192     | 82    | 311    | 76           | -         | 167        | 7,909       |
| Ngamiland East      | 160     | 204   | 369    | 191          | -         | 209        | 22,280      |
| Chobe               | 559     | 490   | 205    | 57           | -         | -          | 2,998       |
| MAUN REGION         | 251     | 204   | 312    | 131          | -         | 184        | 14,109      |
| Gantsi              | 36      | 35    | -      | 146          | -         | -          | 21,448      |
| Hukuntsi            | 18      | 16    | -      | 46           | -         | -          | 8,309       |
| Tsabong             | -       | -     | -      | -            | -         | -          | -           |
| WESTERN REGION      | 27      | 23    | -      | 95           | -         | -          | 16,242      |
| TOTAL TRADITIONAL   | 217     | 115   | 379    | 136          | 114       | 247        | 9,004       |

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

| District/Region     | Sorghum | Maize | Millet | Beans/Pulses | Sunflower | Groundnuts | Other Crops |
|---------------------|---------|-------|--------|--------------|-----------|------------|-------------|
| Barolong            | 242     | 325   | -      | 186          | 99        | 818        | 5,848       |
| Ngwaketse South     | 314     | 196   | 381    | 71           | -         | 632        | 4,651       |
| Ngwaketse North     | 207     | 178   | -      | 216          | -         | 704        | 26,842      |
| Ngwaketse Central   | 280     | 221   | -      | 100          | -         | -          | 8,479       |
| Ngwaketse West      | 135     | 160   | -      | 109          | -         | -          | 47,146      |
| SOUTHERN REGION     | 218     | 188   | 372    | 131          | 96        | 696        | 21,408      |
| Bamalete/Tlokweneng | 213     | 156   | -      | 189          | -         | -          | 13,156      |
| Kweneng South       | 223     | 157   | 389    | 227          | -         | -          | 9,446       |
| Kweneng North       | 278     | 129   | 315    | 378          | 448       | 505        | 18,834      |
| Kweneng West        | 226     | 223   | -      | 235          | -         | 1,236      | 20,282      |
| Kgatleng            | 175     | 132   | 216    | 158          | 376       | 484        | 29,069      |
| GABORONE REGION     | 214     | 156   | 259    | 237          | 353       | 798        | 17,546      |
| Mahalapye East      | 262     | 138   | 292    | 829          | 282       | 212        | 15,532      |
| Mahalapye West      | 304     | 114   | 448    | 224          | 351       | 166        | 20,678      |
| Palapye             | 317     | 109   | 491    | 286          | 1,136     | 144        | 23,722      |
| Serowe              | 383     | 183   | 339    | 172          | -         | 994        | 12,543      |
| Bobonong            | 120     | 128   | 247    | 139          | 186       | 296        | 22,931      |
| Letlhakane          | 238     | 189   | 301    | 276          | 3,704     | 207        | 45,192      |
| Selebi-Phikwe       | 272     | 113   | 302    | 160          | 519       | 174        | 7,853       |
| CENTRAL REGION      | 286     | 143   | 306    | 367          | 451       | 299        | 19,949      |
| Tati                | 312     | 126   | 555    | 466          | -         | 892        | 962         |
| Tutume              | 294     | 148   | 548    | 173          | -         | 704        | 6,909       |
| Tonota              | 430     | 140   | 475    | 156          | 245       | 241        | 17,584      |
| FRANCISTOWN REGION  | 344     | 139   | 535    | 240          | 238       | 644        | 8,420       |
| Ngamiland West      | 216     | 143   | 322    | 173          | -         | 352        | 13,362      |
| Ngamiland East      | 226     | 280   | 525    | 361          | -         | 633        | 48,754      |
| Chobe               | 671     | 727   | 253    | 224          | -         | -          | 39,634      |
| MAUN REGION         | 298     | 315   | 326    | 280          | -         | 415        | 28,533      |
| Gantsi              | 138     | 91    | -      | 167          | -         | -          | 43,916      |
| Hukuntsi            | 127     | 50    | -      | 91           | -         | -          | 86,154      |
| Tsabong             | -       | 1     | 2      | 3            | 4         | 5          | 6           |
| WESTERN REGION      | 134     | 63    | -      | 145          | -         | -          | 48,562      |
| TOTAL TRADITIONAL   | 273     | 169   | 420    | 271          | 194       | 483        | 19,156      |

TABLE 7.11A SORGHUM QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District\Region     | Holdings Selling Sorghum | Quantity Sold (Kilograms) | Total Revenue Received (Pula) | Average Price Per KG |
|---------------------|--------------------------|---------------------------|-------------------------------|----------------------|
| Barolong            | 12                       | 6,700                     | 9,080                         | 1.36                 |
| Ngwaketse South     | 106                      | 165,200                   | 180,224                       | 1.09                 |
| Ngwaketse North     | 28                       | 14,250                    | 23,950                        | 1.68                 |
| Ngwaketse Central   | 62                       | 30,100                    | 38,950                        | 1.29                 |
| Ngwaketse West      | 74                       | 33,850                    | 54,170                        | 1.60                 |
| SOUTHERN REGION     | 282                      | 250,100                   | 306,374                       | 1.23                 |
| Bamalete/Tlokweneng | 48                       | 14,040                    | 34,490                        | 2.46                 |
| Kweneng South       | 58                       | 36,590                    | 100,900                       | 2.76                 |
| Kweneng North       | 66                       | 25,450                    | 64,470                        | 2.53                 |
| Kweneng West        | 159                      | 45,983                    | 105,001                       | 2.28                 |
| Kgatleng            | 88                       | 97,960                    | 120,843                       | 1.23                 |
| GABORONE REGION     | 419                      | 220,023                   | 425,704                       | 1.93                 |
| Mahalapye East      | 123                      | 25,700                    | 45,726                        | 1.78                 |
| Mahalapye West      | 114                      | 113,125                   | 156,159                       | 1.38                 |
| Palapye             | 173                      | 31,925                    | 66,523                        | 2.08                 |
| Serowe              | 173                      | 55,400                    | 117,125                       | 2.11                 |
| Bobonong            | 27                       | 8,965                     | 11,460                        | 1.28                 |
| Letlhakane          | 30                       | 1,500                     | 3,850                         | 2.57                 |
| Selebi-Phikwe       | 77                       | 22,270                    | 68,760                        | 3.09                 |
| CENTRAL REGION      | 717                      | 258,885                   | 469,603                       | 1.81                 |
| Tati                | 186                      | 46,190                    | 118,100                       | 2.56                 |
| Tutume              | 210                      | 42,990                    | 89,979                        | 2.09                 |
| Tonota              | 282                      | 154,050                   | 236,600                       | 1.54                 |
| FRANCISTOWN REGION  | 678                      | 243,230                   | 444,679                       | 1.83                 |
| Ngamiland West      | 37                       | 2,950                     | 6,500                         | 2.20                 |
| Ngamiland East      | 83                       | 19,925                    | 24,430                        | 1.23                 |
| Chobe               | 107                      | 226,300                   | 225,511                       | 1.00                 |
| MAUN REGION         | 227                      | 249,175                   | 256,441                       | 1.03                 |
| Gantsi              | -                        | -                         | -                             | -                    |
| Hukuntsi            | -                        | -                         | -                             | -                    |
| Tsabong             | -                        | -                         | -                             | -                    |
| WESTERN REGION      | -                        | -                         | -                             | -                    |
| TOTAL TRADITIONAL   | 2,323                    | 1,221,413                 | 1,902,801                     | 1.56                 |



TABLE 7.11B MAIZE QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District/Region     | Holdings Selling<br>Maize | Quantity Sold (Kilograms) | Total Revenue<br>Received (Pula) | Average Price<br>Per KG |
|---------------------|---------------------------|---------------------------|----------------------------------|-------------------------|
| Barolong            | 29                        | 88,750                    | 69,742                           | 0.79                    |
| Ngwaketse South     | 43                        | 48,050                    | 68,560                           | 1.43                    |
| Ngwaketse North     | 324                       | 89,180                    | 138,854                          | 1.56                    |
| Ngwaketse Central   | 108                       | 45,050                    | 57,447                           | 1.28                    |
| Ngwaketse West      | 135                       | 65,250                    | 128,575                          | 1.97                    |
| SOUTHERN REGION     | 639                       | 336,280                   | 463,178                          | 1.38                    |
| Bamalete/Tlokweneng | 95                        | 25,440                    | 41,830                           | 1.64                    |
| Kweneng South       | 285                       | 72,020                    | 136,750                          | 1.90                    |
| Kweneng North       | 124                       | 32,750                    | 76,800                           | 2.35                    |
| Kweneng West        | 229                       | 91,260                    | 178,068                          | 1.95                    |
| Kgatleng            | 226                       | 143,100                   | 172,970                          | 1.21                    |
| GABORONE REGION     | 959                       | 364,570                   | 606,418                          | 1.66                    |
| Mahalapye East      | 69                        | 9,805                     | 16,480                           | 1.68                    |
| Mahalapye West      | 134                       | 21,740                    | 40,955                           | 1.88                    |
| Palapye             | 58                        | 8,550                     | 13,583                           | 1.59                    |
| Serowe              | 163                       | 94,130                    | 148,870                          | 1.58                    |
| Bobonong            | 43                        | 8,980                     | 19,155                           | 2.13                    |
| Letlhakane          | 187                       | 37,425                    | 67,440                           | 1.80                    |
| Selebi-Phikwe       | 62                        | 10,370                    | 20,446                           | 1.97                    |
| CENTRAL REGION      | 716                       | 191,000                   | 326,929                          | 1.71                    |
| Tati                | 83                        | 12,850                    | 21,260                           | 1.65                    |
| Tutume              | 114                       | 18,540                    | 41,266                           | 2.23                    |
| Tonota              | 117                       | 31,980                    | 52,740                           | 1.65                    |
| FRANCISTOWN REGION  | 314                       | 63,370                    | 115,266                          | 1.82                    |
| Ngamiland West      | 37                        | 6,600                     | 8,760                            | 1.33                    |
| Ngamiland East      | 233                       | 79,380                    | 67,613                           | 0.85                    |
| Chobe               | 211                       | 376,490                   | 297,912                          | 0.79                    |
| MAUN REGION         | 481                       | 462,470                   | 374,285                          | 0.81                    |
| Gantsi              | 1                         | 50                        | 300                              | 6.00                    |
| Hukuntsi            | 2                         | 200                       | 500                              | 2.50                    |
| Tsabong             | -                         | -                         | -                                | -                       |
| WESTERN REGION      | 3                         | 250                       | 800                              | 3.20                    |
| TOTAL TRADITIONAL   | 3,112                     | 1,417,940                 | 1,886,876                        | 1.33                    |

TABLE 7.11C MILLET QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District/Region    | Holdings Selling<br>Millet | Quantity Sold (Kilograms) | Total Revenue<br>Received (Pula) | Average Price<br>Per KG |
|--------------------|----------------------------|---------------------------|----------------------------------|-------------------------|
| Barolong           | -                          | -                         | -                                | -                       |
| Ngwaketse South    | 3                          | 23,100                    | 194,040                          | 8.40                    |
| Ngwaketse North    | -                          | -                         | -                                | -                       |
| Ngwaketse Central  | -                          | -                         | -                                | -                       |
| Ngwaketse West     | -                          | -                         | -                                | -                       |
| SOUTHERN REGION    | 3                          | 23,100                    | 194,040                          | 8.40                    |
| Bamalete/Tlokwen   | -                          | -                         | -                                | -                       |
| Kweneng South      | -                          | -                         | -                                | -                       |
| Kweneng North      | 4                          | 4,400                     | 12,012                           | 2.73                    |
| Kweneng West       | -                          | -                         | -                                | -                       |
| Kgatleng           | 2                          | 1,000                     | 2,000                            | 2.00                    |
| GABORONE REGION    | 6                          | 5,400                     | 14,012                           | 2.59                    |
| Mahalapye East     | 18                         | 225                       | 1,170                            | 5.20                    |
| Mahalapye West     | 16                         | 800                       | 2,400                            | 3.00                    |
| Palapye            | 24                         | 5,950                     | 14,760                           | 2.48                    |
| Serowe             | 6                          | 4,730                     | 13,500                           | 2.85                    |
| Bobonong           | 8                          | 1,025                     | 1,500                            | 1.46                    |
| Letlhakane         | 3                          | -                         | -                                | -                       |
| Selebi-Phikwe      | 17                         | 1,105                     | 5,950                            | 5.38                    |
| CENTRAL REGION     | 92                         | 13,835                    | 39,880                           | 2.88                    |
| Tati               | 71                         | 31,270                    | 76,740                           | 2.45                    |
| Tutume             | 315                        | 108,830                   | 339,060                          | 3.12                    |
| Tonota             | 143                        | 50,975                    | 131,660                          | 2.58                    |
| FRANCISTOWN REGION | 529                        | 191,075                   | 547,460                          | 2.87                    |
| Ngamiland West     | 122                        | 22,010                    | 43,080                           | 1.96                    |
| Ngamiland East     | 14                         | 1,500                     | 3,035                            | 2.02                    |
| Chobe              | -                          | -                         | -                                | -                       |
| MAUN REGION        | 136                        | 23,510                    | 46,115                           | 1.96                    |
| Gantsi             | -                          | -                         | -                                | -                       |
| Hukuntsi           | -                          | -                         | -                                | -                       |
| Tsabong            | -                          | -                         | -                                | -                       |
| WESTERN REGION     | -                          | -                         | -                                | -                       |
| TOTAL TRADITIONAL  | 766                        | 256,920                   | 841,507                          | 3.28                    |

TABLE 7.11D PULSES QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District\Region     | Holdings Selling<br>Beans\Pulses | Quantity Sold (Kilograms) | Total Received<br>Received (Pula) | Average Price<br>Per KG |
|---------------------|----------------------------------|---------------------------|-----------------------------------|-------------------------|
| Barolong            | 35                               | 11,300                    | 27,204                            | 2.41                    |
| Ngwaketse South     | 33                               | 10,130                    | 46,420                            | 4.58                    |
| Ngwaketse North     | 207                              | 19,190                    | 122,510                           | 6.38                    |
| Ngwaketse Central   | 14                               | 3,950                     | 23,900                            | 6.05                    |
| Ngwaketse West      | 75                               | 10,982                    | 30,348                            | 2.76                    |
| SOUTHERN REGION     | 364                              | 55,552                    | 250,382                           | 4.51                    |
| Bamalete/Tlokweneng | 56                               | 4,323                     | 26,870                            | 6.22                    |
| Kweneng South       | 141                              | 18,175                    | 128,000                           | 7.04                    |
| Kweneng North       | 93                               | 9,680                     | 46,980                            | 4.85                    |
| Kweneng West        | 174                              | 15,968                    | 83,750                            | 5.25                    |
| Kgatleng            | 227                              | 17,445                    | 111,192                           | 6.37                    |
| GABORONE REGION     | 691                              | 65,590                    | 396,792                           | 6.05                    |
| Mahalapye East      | 240                              | 32,514                    | 259,730                           | 7.99                    |
| Mahalapye West      | 249                              | 24,241                    | 81,351                            | 3.36                    |
| Palapye             | 173                              | 11,393                    | 34,786                            | 3.05                    |
| Serowe              | 159                              | 14,645                    | 74,640                            | 5.10                    |
| Bobonong            | 167                              | 10,000                    | 30,081                            | 3.01                    |
| Letlhakane          | 13                               | 265                       | 1,275                             | 4.81                    |
| Selebi-Phikwe       | 49                               | 4,815                     | 19,310                            | 4.01                    |
| CENTRAL REGION      | 1,050                            | 97,872                    | 501,173                           | 5.12                    |
| Tati                | 178                              | 12,610                    | 44,280                            | 3.51                    |
| Tutume              | 36                               | 1,955                     | 7,200                             | 3.68                    |
| Tonota              | 87                               | 8,666                     | 19,240                            | 2.22                    |
| FRANCISTOWN REGION  | 301                              | 23,231                    | 70,720                            | 3.04                    |
| Ngamiland West      | 12                               | 600                       | 2,800                             | 4.67                    |
| Ngamiland East      | 56                               | 3,455                     | 14,100                            | 4.08                    |
| Chobe               | -                                | -                         | -                                 | -                       |
| MAUN REGION         | 68                               | 4,055                     | 16,900                            | 4.17                    |
| Gantsi              | 10                               | 675                       | 4,740                             | 7.02                    |
| Hukuntsi            | 7                                | 375                       | 2,460                             | 6.56                    |
| Tsabong             | -                                | -                         | -                                 | -                       |
| WESTERN REGION      | 17                               | 1,050                     | 7,200                             | 6.86                    |
| TOTAL TRADITIONAL   | 2,491                            | 247,351                   | 1,243,167                         | 5.03                    |

TABLE 7.11E WATERMELONS QUANTITY SOLD (KG) AND REVENUE RECEIVED (PULA) BY DISTRICT AND REGION

| District/Region    | Holdings Selling<br>Watermelons | Quantity Sold (Kilograms) | Total Revenue<br>Received (Pula) | Average Price<br>Per KG |
|--------------------|---------------------------------|---------------------------|----------------------------------|-------------------------|
| Barolong           | 5                               | 11,500                    | 4,200                            | 0.37                    |
| Ngwaketse South    | 4                               | 4,750                     | 3,450                            | 0.73                    |
| Ngwaketse North    | 108                             | 242,500                   | 58,992                           | 0.24                    |
| Ngwaketse Central  | 16                              | 46,000                    | 9,900                            | 0.22                    |
| Ngwaketse West     | 26                              | 20,500                    | 9,940                            | 0.48                    |
| SOUTHERN REGION    | 159                             | 325,250                   | 86,482                           | 0.27                    |
| Bamalete/Tlokweng  | 96                              | 192,500                   | 64,475                           | 0.33                    |
| Kweneng South      | 107                             | 181,700                   | 60,228                           | 0.33                    |
| Kweneng North      | 124                             | 243,400                   | 99,150                           | 0.41                    |
| Kweneng West       | 54                              | 119,600                   | 41,614                           | 0.35                    |
| Kgatleng           | 193                             | 862,000                   | 159,020                          | 0.18                    |
| GABORONE REGION    | 574                             | 1,599,200                 | 424,487                          | 0.27                    |
| Mahalapye East     | 163                             | 725,400                   | 110,775                          | 0.15                    |
| Mahalapye West     | 337                             | 977,370                   | 134,355                          | 0.14                    |
| Palapye            | 171                             | 201,650                   | 71,010                           | 0.35                    |
| Serowe             | 19                              | 34,160                    | 16,625                           | 0.49                    |
| Bobonong           | 320                             | 609,525                   | 195,978                          | 0.32                    |
| Letlhakane         | 206                             | 623,600                   | 309,905                          | 0.50                    |
| Selebi-Phikwe      | 35                              | 85,200                    | 12,440                           | 0.15                    |
| CENTRAL REGION     | 1,251                           | 3,256,905                 | 851,088                          | 0.26                    |
| Tati               | -                               | -                         | -                                | -                       |
| Tutume             | 75                              | 150,250                   | 41,400                           | 0.28                    |
| Tonota             | 25                              | 31,050                    | 8,790                            | 0.28                    |
| FRANCISTOWN REGION | 100                             | 181,300                   | 50,190                           | 0.28                    |
| Ngamiland West     | 31                              | 9,250                     | 8,260                            | 0.89                    |
| Ngamiland East     | 152                             | 300,800                   | 49,689                           | 0.17                    |
| Chobe              | -                               | -                         | -                                | -                       |
| MAUN REGION        | 183                             | 310,050                   | 57,949                           | 0.19                    |
| Gantsi             | 3                               | 17,000                    | 7,200                            | 0.42                    |
| Hukuntsi           | 4                               | 2,000                     | 1,600                            | 0.80                    |
| Tsabong            | -                               | -                         | -                                | -                       |
| WESTERN REGION     | 7                               | 19,000                    | 8,800                            | 0.46                    |
| TOTAL TRADITIONAL  | 2,274                           | 5,691,705                 | 1,478,996                        | 0.26                    |

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

| District/<br>Region | Molapo | Dry Land | Both | Total Holdings |
|---------------------|--------|----------|------|----------------|
| Barolong            | -      | 601      | -    | 601            |
| Ngwaketse South     | -      | 941      | -    | 941            |
| Ngwaketse North     | -      | 3,153    | -    | 3,153          |
| Ngwaketse Central   | -      | 1,339    | -    | 1,339          |
| Ngwaketse West      | -      | 2,149    | -    | 2,149          |
| SOUTHERN REGION     | -      | 8,183    | -    | 8,183          |
|                     | -      | -        | -    | -              |
| Bamalete/Tlokwen    | -      | 1,527    | -    | 1,527          |
| Kweneng South       | -      | 3,898    | -    | 3,898          |
| Kweneng North       | -      | 2,591    | -    | 2,591          |
| Kweneng West        | -      | 2,607    | -    | 2,607          |
| Kgatleng            | -      | 3,075    | -    | 3,075          |
| GABORONE REGION     | -      | 13,698   | -    | 13,698         |
|                     | -      | -        | -    | -              |
| Mahalapye East      | -      | 4,443    | -    | 4,443          |
| Mahalapye West      | -      | 2,443    | -    | 2,443          |
| Palapye             | -      | 3,420    | -    | 3,420          |
| Serowe              | -      | 3,724    | -    | 3,724          |
| Bobonong            | -      | 3,394    | -    | 3,394          |
| Letlhakane          | -      | 1,960    | -    | 1,960          |
| Selebi-Phikwe       | -      | 1,972    | -    | 1,972          |
| CENTRAL REGION      | -      | 21,356   | -    | 21,356         |
|                     | -      | -        | -    | -              |
| Tati                | -      | 3,060    | -    | 3,060          |
| Tutume              | -      | 4,847    | -    | 4,847          |
| Tonota              | -      | 2,113    | -    | 2,113          |
| FRANCISTOWN REGION  | -      | 10,020   | -    | 10,020         |
|                     | -      | -        | -    | -              |
| Ngamiland West      | 1,318  | 3,129    | 58   | 4,505          |
| Ngamiland East      | 1,282  | 1,808    | 144  | 3,234          |
| Chobe               | 502    | 196      | 131  | 829            |
| MAUN REGION         | 3,102  | 5,133    | 333  | 8,568          |
|                     | -      | -        | -    | -              |
| Gantsi              | -      | 164      | -    | 164            |
| Hukuntsi            | -      | 167      | -    | 167            |
| Tsabong             | -      | 129      | -    | 129            |
| WESTERN REGION      | -      | 460      | -    | 460            |
| TOTAL TRADITIONAL   | 3,102  | 58,850   | 333  | 62,285         |

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

| District/<br>Region | Lack of<br>Rain | Lack of<br>Money | Lack of<br>Seeds | Lack of<br>Labour | Lack of<br>Draught Power | Floods | Lack of<br>Equipment | Other<br>Reasons |
|---------------------|-----------------|------------------|------------------|-------------------|--------------------------|--------|----------------------|------------------|
| Barolong            | 485             | 42               | 13               | 10                | 84                       | -      | 23                   | 9                |
| Ngwaketse South     | 615             | 38               | -                | 7                 | 118                      | -      | 2                    | 30               |
| Ngwaketse North     | 1,245           | 325              | 39               | 247               | 148                      | -      | 5                    | 44               |
| Ngwaketse Central   | 603             | 35               | 6                | 64                | 50                       | -      | 20                   | 7                |
| Ngwaketse West      | 695             | 54               | 29               | 81                | 202                      | -      | -                    | 7                |
| SOUTHERN REGION     | 3,643           | 494              | 87               | 409               | 602                      | -      | 50                   | 97               |
| Bamalete/Tlokweng   | 263             | 105              | 5                | 138               | 71                       | -      | 21                   | -                |
| Kweneng South       | 573             | 621              | -                | 240               | 134                      | -      | 4                    | 23               |
| Kweneng North       | 309             | 344              | -                | 45                | 191                      | -      | 72                   | 11               |
| Kweneng West        | 54              | 95               | 5                | 17                | 6                        | -      | 5                    | 3                |
| Kgatleng            | 214             | 223              | -                | 76                | 23                       | -      | 22                   | 30               |
| GABORONE REGION     | 1,413           | 1,388            | 10               | 516               | 425                      | -      | 124                  | 67               |
| Mahalapye East      | 151             | 189              | 54               | 74                | 76                       | -      | 5                    | 3                |
| Mahalapye West      | 60              | 168              | 11               | 11                | 13                       | -      | 28                   | 64               |
| Palapye             | 37              | 48               | 3                | 38                | 20                       | -      | -                    | 1                |
| Serowe              | 214             | 366              | 7                | 133               | 83                       | -      | 43                   | 50               |
| Bobonong            | 394             | 55               | -                | 47                | 99                       | -      | 34                   | 3                |
| Lethakane           | 100             | 39               | -                | -                 | -                        | -      | -                    | -                |
| Selebi-Phikwe       | 548             | 151              | 11               | 89                | 120                      | -      | 4                    | 25               |
| CENTRAL REGION      | 1,504           | 1,016            | 86               | 392               | 411                      | -      | 114                  | 146              |
| Tati                | 29              | 54               | -                | 95                | 103                      | -      | -                    | -                |
| Tutume              | 240             | 224              | -                | 88                | 168                      | -      | 23                   | 20               |
| Tonota              | 171             | 192              | 13               | 37                | 36                       | -      | 9                    | 33               |
| FRANCISTOWN REGION  | 440             | 470              | 13               | 220               | 307                      | -      | 32                   | 53               |
| Ngamiland West      | 72              | 17               | 9                | 102               | 34                       | 7      | 7                    | 11               |
| Ngamiland East      | 147             | 66               | 25               | 221               | 77                       | -      | 23                   | 29               |
| Chobe               | 15              | 63               | 4                | 25                | 88                       | 27     | 9                    | 23               |
| MAUN REGION         | 234             | 146              | 38               | 348               | 199                      | 34     | 39                   | 63               |
| Gantsi              | 30              | -                | -                | -                 | -                        | -      | -                    | -                |
| Hukuntsi            | 60              | 2                | 3                | 1                 | 24                       | -      | 2                    | -                |
| Tsabong             | 112             | 6                | 4                | -                 | 16                       | -      | 4                    | -                |
| WESTERN REGION      | 202             | 8                | 7                | 1                 | 40                       | -      | 6                    | -                |
| TOTAL TRADITIONAL   | 7,436           | 3,522            | 241              | 1,886             | 1,984                    | 34     | 365                  | 426              |

TABLE 7.14: HOLDINGS PLANTED BY SOURCES OF SEEDS, DISTRICT AND REGION

| District/<br>Region | BAMB  | Drought<br>Relief | Cooperatives | Trader | Another<br>Farmer | Previous Year<br>Harvest | Seed<br>Multiplication | Other<br>Sources |
|---------------------|-------|-------------------|--------------|--------|-------------------|--------------------------|------------------------|------------------|
| Barolong            | 41    | 82                | 24           | 19     | 31                | 45                       | 23                     | 5                |
| Ngwaketse South     | 2     | 289               | 14           | 44     | 98                | 117                      | 44                     | 7                |
| Ngwaketse North     | 260   | 2,182             | 360          | 653    | 668               | 1,631                    | 23                     | 2                |
| Ngwaketse Central   | 18    | 620               | 65           | 80     | 69                | 318                      | 6                      | -                |
| Ngwaketse West      | 7     | 1,540             | 34           | 494    | 152               | 569                      | 1                      | -                |
| SOUTHERN REGION     | 328   | 4,713             | 497          | 1,290  | 1,018             | 2,680                    | 97                     | 14               |
| Bamalete/Tlokweneng | 68    | 776               | 227          | 208    | 278               | 514                      | 63                     | -                |
| Kweneng South       | 158   | 2,654             | 1,088        | 614    | 1,370             | 2,022                    | 17                     | -                |
| Kweneng North       | 129   | 1,906             | 652          | 290    | 956               | 1,235                    | 51                     | -                |
| Kweneng West        | 14    | 2,075             | 254          | 471    | 833               | 1,104                    | 1                      | 4                |
| Kgatleng            | 137   | 2,320             | 138          | 1,540  | 459               | 1,519                    | 108                    | -                |
| GABORONE REGION     | 506   | 9,731             | 2,359        | 3,123  | 3,896             | 6,394                    | 240                    | 4                |
| Mahalapye East      | 127   | 3,955             | 61           | 1,823  | 1,304             | 2,655                    | 23                     | -                |
| Mahalapye West      | 898   | 1,332             | 307          | 527    | 640               | 1,077                    | 3                      | -                |
| Palapye             | 315   | 2,563             | 124          | 1,903  | 890               | 1,881                    | 19                     | 4                |
| Serowe              | 264   | 2,881             | 586          | 691    | 846               | 1,328                    | 6                      | 2                |
| Bobonong            | 69    | 2,472             | 969          | 785    | 760               | 1,703                    | 42                     | -                |
| Lethakane           | 44    | 1,661             | 314          | 340    | 458               | 1,485                    | 4                      | -                |
| Selebi-Phikwe       | 132   | 1,520             | 72           | 628    | 516               | 844                      | 17                     | -                |
| CENTRAL REGION      | 1,849 | 16,384            | 2,433        | 6,697  | 5,414             | 10,973                   | 114                    | 6                |
| Tati                | -     | 2,521             | 175          | 1,552  | 310               | 1,546                    | 1                      | -                |
| Tutume              | 274   | 4,036             | 106          | 599    | 778               | 2,280                    | 54                     | 11               |
| Tonota              | 14    | 1,717             | 109          | 1,338  | 273               | 951                      | 48                     | -                |
| FRANCISTOWN REGION  | 288   | 8,274             | 390          | 3,489  | 1,361             | 4,777                    | 103                    | 11               |
| Ngamiland West      | 76    | 3,140             | 109          | 74     | 1,236             | 2,037                    | 14                     | -                |
| Ngamiland East      | 60    | 2,361             | 75           | 313    | 1,043             | 1,589                    | 19                     | 13               |
| Chobe               | 7     | 626               | 9            | 88     | 129               | 135                      | 6                      | -                |
| MAUN REGION         | 143   | 6,127             | 193          | 475    | 2,408             | 3,761                    | 39                     | 13               |
| Gantsi              | 1     | 96                | 18           | 27     | 26                | 69                       | -                      | -                |
| Hukuntsi            | 4     | 89                | 2            | 27     | 20                | 70                       | 4                      | 1                |
| Tsabong             | -     | 18                | -            | 13     | -                 | 7                        | -                      | -                |
| WESTERN REGION      | 5     | 203               | 20           | 67     | 46                | 146                      | 4                      | 1                |
| TOTAL TRADITIONAL   | 3,119 | 45,432            | 5,892        | 15,141 | 14,143            | 28,731                   | 597                    | 49               |

TABLE 7.15: HOLDINGS PLANTED BY MAIN DRAFT POWER USED, DISTRICT AND REGION

| District/<br>Region | Oxen<br>Only | Cows<br>Only | Both Oxen<br>and Cows | Donkeys | Tractor | Hand Hoe | Other<br>Draft Power | Total  |
|---------------------|--------------|--------------|-----------------------|---------|---------|----------|----------------------|--------|
| Barolong            | -            | 3            | -                     | 87      | 81      | -        | -                    | 171    |
| Ngwaketse South     | 1            | 37           | -                     | 208     | 149     | 2        | -                    | 397    |
| Ngwaketse North     | 100          | 85           | 78                    | 1,331   | 842     | 4        | -                    | 2,440  |
| Ngwaketse Central   | 6            | 8            | -                     | 384     | 302     | 4        | -                    | 704    |
| Ngwaketse West      | 3            | 20           | -                     | 1,081   | 532     | 4        | 3                    | 1,643  |
| SOUTHERN REGION     | 110          | 153          | 78                    | 3,091   | 1,906   | 14       | 3                    | 5,355  |
| Bamalete/Tlokweng   | 2            | 2            | 13                    | 306     | 750     | 2        | 2                    | 1,077  |
| Kweneng South       | 53           | 122          | 103                   | 1,192   | 2,050   | -        | -                    | 3,520  |
| Kweneng North       | 3            | 6            | 6                     | 716     | 1,606   | -        | 1                    | 2,338  |
| Kweneng West        | 21           | 13           | 9                     | 1,081   | 1,381   | 12       | 2                    | 2,519  |
| Kgatleng            | -            | 9            | -                     | 295     | 2,498   | -        | 1                    | 2,803  |
| GABORONE REGION     | 79           | 152          | 131                   | 3,590   | 8,285   | 14       | 6                    | 12,257 |
| Mahalapye East      | 99           | 97           | 16                    | 1,589   | 2,508   | 1        | -                    | 4,310  |
| Mahalapye West      | 12           | 6            | 21                    | 741     | 1,542   | 25       | 4                    | 2,351  |
| Palapye             | 16           | -            | 5                     | 1,100   | 2,195   | 5        | 2                    | 3,323  |
| Serowe              | 50           | 47           | 3                     | 1,284   | 1,959   | 19       | -                    | 3,362  |
| Bobonong            | -            | 15           | -                     | 2,018   | 977     | 5        | -                    | 3,015  |
| Lethakane           | 114          | 21           | -                     | 1,053   | 625     | 91       | 1                    | 1,905  |
| Selebi-Phikwe       | 14           | 1            | -                     | 782     | 954     | 15       | -                    | 1,766  |
| CENTRAL REGION      | 305          | 187          | 45                    | 8,567   | 10,760  | 161      | 7                    | 20,032 |
| Tati                | 66           | 25           | 282                   | 1,037   | 1,530   | -        | -                    | 2,940  |
| Tutume              | 328          | 61           | 366                   | 1,122   | 2,406   | 35       | 2                    | 4,320  |
| Tonota              | 9            | 8            | 9                     | 525     | 1,395   | 2        | -                    | 1,948  |
| FRANCISTOWN REGION  | 403          | 94           | 657                   | 2,684   | 5,331   | 37       | 2                    | 9,208  |
| Ngamiland West      | 733          | 53           | 57                    | 2,385   | 18      | 1,106    | 5                    | 4,357  |
| Ngamiland East      | 47           | 5            | -                     | 2,197   | 527     | 173      | 31                   | 2,980  |
| Chobe               | 112          | 58           | 63                    | 51      | 389     | 35       | -                    | 708    |
| MAUN REGION         | 892          | 116          | 120                   | 4,633   | 934     | 1,314    | 36                   | 8,045  |
| Gantsi              | -            | 2            | -                     | 102     | 18      | 4        | 16                   | 142    |
| Hukuntsi            | 3            | -            | -                     | 60      | 50      | 16       | -                    | 129    |
| Tsabong             | -            | 3            | -                     | 15      | -       | -        | -                    | 18     |
| WESTERN REGION      | 3            | 5            | -                     | 177     | 68      | 20       | 16                   | 289    |
| TOTAL TRADITIONAL   | 1,792        | 707          | 1,031                 | 22,742  | 27,284  | 1,560    | 70                   | 55,186 |



TABLE 7.16: HOLDINGS PLANTED BY PROVISION OF DRAFT POWER USED, DISTRICT AND REGION

| District/<br>Region | Self/<br>Family | Borrowed | Self Plus<br>Borrowed | Mafisa | Hired  | Other |
|---------------------|-----------------|----------|-----------------------|--------|--------|-------|
| Barolong            | 108             | 12       | -                     | 14     | 39     | -     |
| Ngwaketse South     | 254             | 7        | 3                     | 32     | 87     | 14    |
| Ngwaketse North     | 1,064           | 125      | 74                    | 28     | 1,090  | 21    |
| Ngwaketse Central   | 437             | 15       | 5                     | 7      | 248    | -     |
| Ngwaketse West      | 1,016           | 79       | 5                     | 36     | 521    | -     |
| SOUTHERN REGION     | 2,879           | 238      | 87                    | 117    | 1,985  | 35    |
| Bamalete/Tlokwen    | 282             | 32       | 20                    | 7      | 752    | 3     |
| Kweneng South       | 1,034           | 66       | 83                    | 73     | 2,350  | 4     |
| Kweneng North       | 690             | 93       | 20                    | 40     | 1,527  | 7     |
| Kweneng West        | 811             | 200      | 83                    | 29     | 1,416  | 3     |
| Kgatleng            | 515             | 17       | -                     | 21     | 2,259  | 6     |
| GABORONE REGION     | 3,332           | 408      | 206                   | 170    | 8,304  | 23    |
| Mahalapye East      | 1,468           | 132      | 49                    | 112    | 2,534  | 4     |
| Mahalapye West      | 601             | 215      | 20                    | 7      | 1,511  | -     |
| Palapye             | 787             | 207      | 20                    | 128    | 2,207  | 1     |
| Serowe              | 917             | 166      | 48                    | 188    | 2,076  | -     |
| Bobonong            | 1,822           | 186      | 4                     | 65     | 1,033  | 2     |
| Letlhakane          | 1,001           | 65       | 36                    | 84     | 713    | 11    |
| Selebi-Phikwe       | 547             | 51       | 40                    | 106    | 1,038  | -     |
| CENTRAL REGION      | 7,143           | 1,022    | 217                   | 690    | 11,112 | 18    |
| Tati                | 916             | 166      | -                     | 78     | 1,803  | -     |
| Tutume              | 1,376           | 208      | 37                    | 54     | 2,623  | 1     |
| Tonota              | 484             | 21       | -                     | 11     | 1,426  | 1     |
| FRANCISTOWN REGION  | 2,776           | 395      | 37                    | 143    | 5,852  | 2     |
| Ngamiland West      | 2,397           | 1,105    | 122                   | 381    | 266    | 106   |
| Ngamiland East      | 1,628           | 382      | 69                    | 41     | 834    | 36    |
| Chobe               | 174             | 78       | 25                    | 18     | 401    | 22    |
| MAUN REGION         | 4,199           | 1,565    | 216                   | 440    | 1,501  | 164   |
| Gantsi              | 81              | 12       | 5                     | 19     | 21     | 3     |
| Hukuntsi            | 59              | 8        | -                     | 9      | 49     | 4     |
| Tsabong             | 15              | -        | -                     | 3      | -      | -     |
| WESTERN REGION      | 155             | 20       | 5                     | 31     | 70     | 7     |
| TOTAL TRADITIONAL   | 20,484          | 3,648    | 768                   | 1,591  | 28,824 | 249   |

TABLE 7.17: HOLDINGS PLANTED BY PLANTING METHODS, DISTRICT AND REGION

| District/<br>Region | Broadcast | Row<br>Planter | Row Plant<br>By Hand | Other<br>Methods |
|---------------------|-----------|----------------|----------------------|------------------|
| Barolong            | 48        | 125            | 3                    | -                |
| Ngwaketse South     | 134       | 267            | 9                    | -                |
| Ngwaketse North     | 2,247     | 177            | -                    | -                |
| Ngwaketse Central   | 512       | 206            | 22                   | -                |
| Ngwaketse West      | 1,476     | 225            | -                    | -                |
| SOUTHERN REGION     | 4,417     | 1,000          | 34                   | -                |
| Bamalete/Tlokwen    | 944       | 145            | 2                    | -                |
| Kweneng South       | 3,432     | 120            | -                    | -                |
| Kweneng North       | 2,270     | 48             | -                    | -                |
| Kweneng West        | 2,466     | 73             | 5                    | 2                |
| Kgatleng            | 2,717     | 68             | 7                    | 1                |
| GABORONE REGION     | 11,829    | 454            | 14                   | 3                |
| Mahalapye East      | 4,147     | 87             | 85                   | 35               |
| Mahalapye West      | 2,292     | 75             | 42                   | -                |
| Palapye             | 3,271     | 50             | 2                    | 27               |
| Serowe              | 3,283     | 78             | 19                   | 12               |
| Bobonong            | 2,703     | 225            | 147                  | -                |
| Letlhakane          | 1,784     | 72             | 60                   | -                |
| Selebi-Phikwe       | 1,714     | 54             | 13                   | -                |
| CENTRAL REGION      | 19,194    | 641            | 368                  | 74               |
| Tati                | 2,828     | 106            | 70                   | -                |
| Tutume              | 4,249     | 47             | 17                   | 26               |
| Tonota              | 1,925     | 13             | -                    | -                |
| FRANCISTOWN REGION  | 9,002     | 166            | 87                   | 26               |
| Ngamiland West      | 3,239     | 371            | 820                  | -                |
| Ngamiland East      | 2,783     | 127            | 54                   | 6                |
| Chobe               | 471       | 63             | 172                  | 12               |
| MAUN REGION         | 6,493     | 561            | 1,046                | 18               |
| Gantsi              | 129       | 5              | 3                    | -                |
| Hukuntsi            | 128       | -              | -                    | -                |
| Tsabong             | 18        | -              | -                    | -                |
| WESTERN REGION      | 275       | 5              | 3                    | -                |
| TOTAL TRADITIONAL   | 51,210    | 2,827          | 1,552                | 121              |

TABLE 7.18: LAND HOLDINGS BY FENCING STATUS, DISTRICT AND REGION

| District/<br>Region | Number | YES<br>Percentage | Number | NO<br>Percentage | Total<br>Land Holdings |
|---------------------|--------|-------------------|--------|------------------|------------------------|
| Barolong            | 437    | 0.8               | 164    | 3.3              | 601                    |
| Ngwaketse South     | 821    | 1.4               | 120    | 2.4              | 941                    |
| Ngwaketse North     | 2885   | 5.0               | 268    | 5.4              | 3,153                  |
| Ngwaketse Central   | 1268   | 2.2               | 71     | 1.4              | 1,339                  |
| Ngwaketse West      | 2127   | 3.7               | 22     | 0.4              | 2,149                  |
| SOUTHERN REGION     | 7538   | 13.2              | 645    | 13.0             | 8,183                  |
| Bamalete/Tlokwen    | 975    | 1.7               | 552    | 11.1             | 1,527                  |
| Kweneng South       | 3455   | 6.0               | 443    | 8.9              | 3,898                  |
| Kweneng North       | 2355   | 4.1               | 236    | 4.7              | 2,591                  |
| Kweneng West        | 2505   | 4.4               | 102    | 2.1              | 2,607                  |
| Kgatleng            | 3032   | 5.3               | 43     | 0.9              | 3,075                  |
| GABORONE REGION     | 12310  | 21.5              | 1376   | 27.7             | 13,686                 |
| Mahalapye East      | 4246   | 7.4               | 197    | 4.0              | 4,443                  |
| Mahalapye West      | 2341   | 4.1               | 102    | 2.1              | 2,443                  |
| Palapye             | 3283   | 5.7               | 137    | 2.8              | 3,420                  |
| Serowe              | 3512   | 6.1               | 212    | 4.3              | 3,724                  |
| Bobonong            | 3331   | 5.8               | 63     | 1.3              | 3,394                  |
| Letlhakane          | 1817   | 3.2               | 143    | 2.9              | 1,960                  |
| Selebi-Phikwe       | 1888   | 3.3               | 84     | 1.7              | 1,972                  |
| CENTRAL REGION      | 20418  | 35.6              | 938    | 18.9             | 21,356                 |
| Tati                | 2767   | 4.8               | 293    | 5.9              | 3,060                  |
| Tutume              | 4441   | 7.7               | 406    | 8.2              | 4,847                  |
| Tonota              | 2063   | 3.6               | 50     | 1.0              | 2,113                  |
| FRANCISTOWN REGION  | 9271   | 16.2              | 749    | 15.1             | 10,020                 |
| Ngamiland West      | 3883   | 6.8               | 622    | 12.5             | 4,505                  |
| Ngamiland East      | 3172   | 5.5               | 62     | 1.2              | 3,234                  |
| Chobe               | 259    | 0.5               | 570    | 11.5             | 829                    |
| MAUN REGION         | 7314   | 12.8              | 1254   | 25.2             | 8,568                  |
| Gantsi              | 164    | 0.3               | 0      | -                | 164                    |
| Hukuntsi            | 163    | 0.3               | 4      | 0.1              | 167                    |
| Tsabong             | 125    | 0.2               | 4      | 0.1              | 129                    |
| WESTERN REGION      | 452    | 0.8               | 8      | 0.2              | 460                    |
|                     |        |                   |        |                  | -                      |
| TOTAL TRADITIONAL   | 57,315 | 100.0             | 4,970  | 100.0            | 62,285                 |

TABLE 7.19: LAND HOLDINGS BY TYPE OF MATERIAL USED, DISTRICT AND REGION

| District/<br>Region | Bush   | Wire And<br>Poles | Poles | Other<br>Materials |
|---------------------|--------|-------------------|-------|--------------------|
| Barolong            | 7      | 344               | -     | -                  |
| Ngwaketse South     | 27     | 598               | 10    | -                  |
| Ngwaketse North     | 801    | 2,067             | 18    | -                  |
| Ngwaketse Central   | 66     | 1,159             | -     | 3                  |
| Ngwaketse West      | 200    | 1,870             | 4     | -                  |
| SOUTHERN REGION     | 1,101  | 6,038             | 32    | 3                  |
| Bamalete/Tlokwen    | 386    | 568               | 4     | 10                 |
| Kweneng South       | 2,060  | 1,311             | -     | -                  |
| Kweneng North       | 1,030  | 1,282             | 8     | -                  |
| Kweneng West        | 480    | 1,991             | 12    | -                  |
| Kgatleng            | 632    | 2,318             | 2     | 2                  |
| GABORONE REGION     | 4,588  | 7,470             | 26    | 12                 |
| Mahalapye East      | 1,146  | 3,072             | 13    | 4                  |
| Mahalapye West      | 532    | 1,744             | 39    | 3                  |
| Palapye             | 758    | 2,422             | -     | 15                 |
| Serowe              | 1,226  | 2,099             | 5     | 32                 |
| Bobonong            | 670    | 2,762             | 19    | 15                 |
| Letlhakane          | 577    | 1,171             | -     | -                  |
| Selebi-Phikwe       | 696    | 1,136             | 28    | 23                 |
| CENTRAL REGION      | 5,605  | 14,406            | 104   | 92                 |
| Tati                | 626    | 2,115             | 22    | -                  |
| Tutume              | 493    | 3,629             | 26    | 2                  |
| Tonota              | 577    | 1,391             | 12    | -                  |
| FRANCISTOWN REGION  | 1,696  | 7,135             | 60    | 2                  |
| Ngamiland West      | 2,002  | 1,823             | 58    | -                  |
| Ngamiland East      | 1,537  | 1,437             | 15    | 59                 |
| Chobe               | 84     | 159               | 12    | -                  |
| MAUN REGION         | 3,623  | 3,419             | 85    | 59                 |
| Gantsi              | 34     | 120               | 2     | -                  |
| Hukuntsi            | 70     | 86                | -     | -                  |
| Tsabong             | 9      | 90                | -     | -                  |
| WESTERN REGION      | 113    | 296               | 2     | -                  |
| TOTAL TRADITIONAL   | 16,726 | 38,764            | 309   | 168                |

TABLE 7.20: HOLDINGS PLANTED BY FERTILIZER USE STATUS, DISTRICT AND REGION

| District/<br>Region | YES    |            | NO     |            | Total<br>Holdings |
|---------------------|--------|------------|--------|------------|-------------------|
|                     | Number | Percentage | Number | Percentage |                   |
| Barolong            | 63     | 4.0        | 108    | 0.2        | 171               |
| Ngwaketse South     | 125    | 8.0        | 272    | 0.5        | 397               |
| Ngwaketse North     | 396    | 25.2       | 2,044  | 3.8        | 2,440             |
| Ngwaketse Central   | 126    | 8.0        | 578    | 1.1        | 704               |
| Ngwaketse West      | 55     | 3.5        | 1,588  | 3.0        | 1,643             |
| SOUTHERN REGION     | 765    | 48.7       | 4,590  | 8.6        | 5,355             |
|                     |        | 0.0        |        | 0.0        |                   |
| Bamalete/Tlokwen    | 28     | 1.8        | 1,049  | 2.0        | 1,077             |
| Kweneng South       | 97     | 6.2        | 3,423  | 6.4        | 3,520             |
| Kweneng North       | 28     | 1.8        | 2,310  | 4.3        | 2,338             |
| Kweneng West        | 15     | 1.0        | 2,504  | 4.7        | 2,519             |
| Kgatleng            | 58     | 3.7        | 2,745  | 5.1        | 2,803             |
| GABORONE REGION     | 226    | 14.4       | 12,031 | 22.4       | 12,257            |
|                     |        | 0.0        |        | 0.0        |                   |
| Mahalapye East      | 110    | 7.0        | 4,200  | 7.8        | 4,310             |
| Mahalapye West      | 15     | 1.0        | 2,336  | 4.4        | 2,351             |
| Palapye             | 10     | 0.6        | 3,313  | 6.2        | 3,323             |
| Serowe              | 84     | 5.3        | 3,278  | 6.1        | 3,362             |
| Bobonong            | 63     | 4.0        | 2,952  | 5.5        | 3,015             |
| Letlhakane          | 20     | 1.3        | 1,885  | 3.5        | 1,905             |
| Selebi-Phikwe       | 41     | 2.6        | 1,725  | 3.2        | 1,766             |
| CENTRAL REGION      | 343    | 21.8       | 19,689 | 36.7       | 20,032            |
|                     |        | 0.0        |        | 0.0        |                   |
| Tati                | 100    | 6.4        | 2,840  | 5.3        | 2,940             |
| Tutume              | 57     | 3.6        | 4,263  | 8.0        | 4,320             |
| Tonota              | 16     | 1.0        | 1,932  | 3.6        | 1,948             |
| FRANCISTOWN REGION  | 173    | 11.0       | 9,035  | 16.9       | 9,208             |
|                     |        | 0.0        |        | 0.0        |                   |
| Ngamiland West      | 45     | 2.9        | 4,312  | 8.0        | 4,357             |
| Ngamiland East      | 18     | 1.1        | 2,962  | 5.5        | 2,980             |
| Chobe               | -      | 0.0        | 708    | 1.3        | 708               |
| MAUN REGION         | 63     | 4.0        | 7,982  | 14.9       | 8,045             |
|                     |        | 0.0        |        | 0.0        |                   |
| Gantsi              | 2      | 0.1        | 140    | 0.3        | 142               |
| Hukuntsi            | -      | 0.0        | 129    | 0.2        | 129               |
| Tsabong             | -      | 0.0        | 18     | 0.0        | 18                |
| WESTERN REGION      | 2      | 0.1        | 287    | 0.5        | 289               |
|                     |        | 0.0        |        | 0.0        |                   |
| TOTAL TRADITIONAL   | 1,572  | 100.0      | 53,614 | 100.0      | 55,186            |

TABLE 7.21: HOLDINGS PLANTED BY TYPE OF FERTILIZER USED, DISTRICT AND REGION

| District/<br>Region | Chemicals Only       |                       |                            | Manure Only          |                       |                            | Both Chemical and Manure |                       |                            | Total Holdings<br>Using Fertiliser |
|---------------------|----------------------|-----------------------|----------------------------|----------------------|-----------------------|----------------------------|--------------------------|-----------------------|----------------------------|------------------------------------|
|                     | Number of<br>Holders | Quantity<br>Used (KG) | Average Qty<br>Per Holding | Number of<br>Holders | Quantity<br>Used (KG) | Average Qty<br>Per Holding | Number of<br>Holders     | Quantity<br>Used (KG) | Average Qty<br>Per Holding |                                    |
| Barolong            | 30                   | 20,350                | 678                        | 21                   | 9,136                 | 435                        | 12                       | 9,813                 | 818                        | 63                                 |
| Ngwaketse South     | 86                   | 40,203                | 467                        | 30                   | 59,604                | 1,987                      | 9                        | 1,600                 | 178                        | 125                                |
| Ngwaketse North     | 26                   | 32,420                | 1,247                      | 358                  | 521,492               | 1,457                      | 12                       | 24,600                | 2,050                      | 396                                |
| Ngwaketse Central   | 38                   | 3,193                 | 84                         | 80                   | 54,190                | 677                        | 8                        | 80                    | 10                         | 126                                |
| Ngwaketse West      | 20                   | 3,516                 | 176                        | 33                   | 40,230                | 1,219                      | 2                        | 4,800                 | 2,400                      | 55                                 |
| SOUTHERN REGION     | 200                  | 99,682                | 498                        | 522                  | 684,652               | 1,312                      | 43                       | 40,893                | 951                        | 765                                |
| Bamalete/Tlokweng   | 6                    | 50                    | 8                          | 22                   | 25,500                | 1,159                      | -                        | -                     | -                          | 28                                 |
| Kweneng South       | -                    | -                     | -                          | 97                   | 124,800               | 1,287                      | -                        | -                     | -                          | 97                                 |
| Kweneng North       | -                    | -                     | -                          | 28                   | 54,400                | 1,943                      | -                        | -                     | -                          | 28                                 |
| Kweneng West        | 7                    | 2,000                 | 286                        | 8                    | 9,750                 | 1,219                      | -                        | -                     | -                          | 15                                 |
| Kgatleng            | 11                   | 844                   | 77                         | 47                   | 59,200                | 1,260                      | -                        | -                     | -                          | 58                                 |
| GABORONE REGION     | 24                   | 2,894                 | 121                        | 202                  | 273,650               | 1,355                      | -                        | -                     | -                          | 226                                |
| Mahalapye East      | 64                   | 532,677               | 8,323                      | 46                   | 27,800                | 604                        | -                        | -                     | -                          | 110                                |
| Mahalapye West      | 7                    | 40,111                | 5,730                      | 8                    | 750                   | 94                         | -                        | -                     | -                          | 15                                 |
| Palapye             | 4                    | 851                   | 213                        | 6                    | 14,060                | 2,343                      | -                        | -                     | -                          | 10                                 |
| Serowe              | 65                   | 10,676                | 164                        | 19                   | 2,017                 | 106                        | -                        | -                     | -                          | 84                                 |
| Bobonong            | 53                   | 132,812               | 2,506                      | 8                    | 9,260                 | 1,158                      | 2                        | 150                   | 75                         | 63                                 |
| Lethakane           | -                    | -                     | -                          | 18                   | 36,000                | 2,000                      | 2                        | 20                    | 10                         | 20                                 |
| Selebi-Phikwe       | 29                   | 29                    | 1                          | 12                   | 6,307                 | 526                        | -                        | -                     | -                          | 41                                 |
| CENTRAL REGION      | 222                  | 717,156               | 3,230                      | 117                  | 96,194                | 822                        | 4                        | 170                   | 43                         | 343                                |
| Tati                | -                    | -                     | -                          | 100                  | 26,062                | 261                        | -                        | -                     | -                          | 100                                |
| Tutume              | 27                   | 76                    | 3                          | 30                   | 33,150                | 1,105                      | -                        | -                     | -                          | 57                                 |
| Tonota              | 3                    | 3                     | 1                          | 13                   | 24,091                | 1,853                      | -                        | -                     | -                          | 16                                 |
| FRANCISTOWN REGION  | 30                   | 79                    | 3                          | 143                  | 83,303                | 583                        | -                        | -                     | -                          | 173                                |
| Ngamiland West      | 27                   | 64                    | 2                          | 18                   | 22,509                | 1,251                      | -                        | -                     | -                          | 45                                 |
| Ngamiland East      | 13                   | 164                   | 13                         | 5                    | 8,000                 | 1,600                      | -                        | -                     | -                          | 18                                 |
| Chobe               | -                    | -                     | -                          | -                    | -                     | -                          | -                        | -                     | -                          | -                                  |
| MAUN REGION         | 40                   | 228                   | 6                          | 23                   | 30,509                | 1,326                      | -                        | -                     | -                          | 63                                 |
| Gantsi              | -                    | -                     | -                          | -                    | -                     | -                          | 2                        | 100                   | 50                         | 2                                  |
| Hukuntsi            | -                    | -                     | -                          | -                    | -                     | -                          | -                        | -                     | -                          | -                                  |
| Tsabong             | -                    | -                     | -                          | -                    | -                     | -                          | -                        | -                     | -                          | -                                  |
| WESTERN REGION      | -                    | -                     | -                          | -                    | -                     | -                          | 2                        | 100                   | 50                         | 2                                  |
| TOTAL TRADITIONAL   | 516                  | 820,039               | 1,589                      | 1,007                | 1,168,308             | -                          | 49                       | 41,163                | 840                        | 1,572                              |

TABLE 7.22: HOLDINGS PLANTED BY WEEDING STATUS, DISTRICT AND REGION

| District/<br>Region | YES    |            | NO     |            | Total<br>Holdings Planted |
|---------------------|--------|------------|--------|------------|---------------------------|
|                     | Number | Percentage | Number | Percentage |                           |
| Barolong            | 146    | 0.3        | 25     | 0.7        | 171                       |
| Ngwaketse South     | 319    | 0.6        | 78     | 2.2        | 397                       |
| Ngwaketse North     | 1,937  | 3.7        | 503    | 14.4       | 2,440                     |
| Ngwaketse Central   | 510    | 1.0        | 194    | 5.6        | 704                       |
| Ngwaketse West      | 1,549  | 3.0        | 94     | 2.7        | 1,643                     |
| SOUTHERN REGION     | 4,461  | 8.6        | 894    | 25.7       | 5,355                     |
| Bamalete/Tlokweng   | 829    | 1.6        | 248    | 7.1        | 1,077                     |
| Kweneng South       | 3,235  | 6.3        | 285    | 8.2        | 3,520                     |
| Kweneng North       | 2,078  | 4.0        | 260    | 7.5        | 2,338                     |
| Kweneng West        | 2,454  | 4.7        | 65     | 1.9        | 2,519                     |
| Kgatleng            | 2,221  | 4.3        | 582    | 16.7       | 2,803                     |
| GABORONE REGION     | 10,817 | 20.9       | 1,440  | 41.3       | 12,257                    |
| Mahalapye East      | 4,076  | 7.9        | 234    | 6.7        | 4,310                     |
| Mahalapye West      | 2,228  | 4.3        | 123    | 3.5        | 2,351                     |
| Palapye             | 3,279  | 6.3        | 44     | 1.3        | 3,323                     |
| Serowe              | 3,206  | 6.2        | 156    | 4.5        | 3,362                     |
| Bobonong            | 2,924  | 5.7        | 91     | 2.6        | 3,015                     |
| Lethakane           | 1,808  | 3.5        | 97     | 2.8        | 1,905                     |
| Selebi-Phikwe       | 1,678  | 3.2        | 88     | 2.5        | 1,766                     |
| CENTRAL REGION      | 19,199 | 37.1       | 833    | 23.9       | 20,032                    |
| Tati                | 2,877  | 5.6        | 63     | 1.8        | 2,940                     |
| Tutume              | 4,311  | 8.3        | 9      | 0.3        | 4,320                     |
| Tonota              | 1,903  | 3.7        | 45     | 1.3        | 1,948                     |
| FRANCISTOWN REGION  | 9,091  | 17.6       | 117    | 3.4        | 9,208                     |
| Ngamiland West      | 4,282  | 8.3        | 75     | 2.2        | 4,357                     |
| Ngamiland East      | 2,930  | 5.7        | 50     | 1.4        | 2,980                     |
| Chobe               | 669    | 1.3        | 39     | 1.1        | 708                       |
| MAUN REGION         | 7,881  | 15.2       | 164    | 4.7        | 8,045                     |
| Gantsi              | 127    | 0.2        | 15     | 0.4        | 142                       |
| Hukuntsi            | 109    | 0.2        | 20     | 0.6        | 129                       |
| Tsabong             | 16     | 0.0        | 2      | 0.1        | 18                        |
| WESTERN REGION      | 252    | 0.5        | 37     | 1.1        | 289                       |
| TOTAL TRADITIONAL   | 51,701 | 100.0      | 3,485  | 100.0      | 55,186                    |

TABLE 7.23: HOLDINGS PLANTED BY PREDOMINANT WEEDS, DISTRICT AND REGION

| District/<br>Region | Cynodon<br>Dactylon | Datura<br>Ferox | Hibiscus<br>Meeusei | Acospermum<br>Hispidum | Urochloa<br>Mosambicensis | Sesamum<br>Triphyllum | Striga<br>Asiatica | Tribulus<br>Terrestris | Sida<br>Cordifolia | Other<br>Weeds |
|---------------------|---------------------|-----------------|---------------------|------------------------|---------------------------|-----------------------|--------------------|------------------------|--------------------|----------------|
| Barolong            | 75                  | 90              | 20                  | 16                     | -                         | -                     | -                  | 6                      | -                  | 22             |
| Ngwaketse South     | 184                 | 106             | 11                  | 11                     | 4                         | 5                     | 19                 | 12                     | 8                  | 81             |
| Ngwaketse North     | 1,299               | 203             | 405                 | 376                    | 4                         | 51                    | 29                 | 104                    | 163                | 733            |
| Ngwaketse Central   | 319                 | 186             | 32                  | 59                     | -                         | 5                     | 22                 | -                      | -                  | 79             |
| Ngwaketse West      | 369                 | 75              | 39                  | 20                     | 2                         | 5                     | 116                | 239                    | 7                  | 1,122          |
| SOUTHERN REGION     | 2,246               | 660             | 507                 | 482                    | 10                        | 66                    | 186                | 361                    | 178                | 2,037          |
| Bamalete/Tlokweneng | 349                 | 137             | 66                  | 104                    | 11                        | 25                    | 16                 | 18                     | -                  | 440            |
| Kweneng South       | 1,101               | 62              | 1,565               | 408                    | 66                        | -                     | 41                 | 123                    | 25                 | 457            |
| Kweneng North       | 935                 | 189             | 1,287               | 638                    | 51                        | 156                   | 124                | 205                    | 35                 | 886            |
| Kweneng West        | 387                 | 23              | 48                  | 95                     | 3                         | 3                     | 52                 | 48                     | 19                 | 1,825          |
| Kgatleng            | 558                 | 194             | 1,035               | 515                    | 133                       | 291                   | 351                | 288                    | 327                | 1,285          |
| GABORONE REGION     | 3,330               | 605             | 4,001               | 1,760                  | 264                       | 475                   | 584                | 682                    | 406                | 4,893          |
| Mahalapye East      | 339                 | 26              | 106                 | 468                    | 6                         | 55                    | 306                | 86                     | 50                 | 1,892          |
| Mahalapye West      | 835                 | 19              | 291                 | 802                    | 37                        | 427                   | 93                 | 127                    | 186                | 469            |
| Palapye             | 1,144               | 27              | 362                 | 1,504                  | 37                        | 19                    | 822                | 213                    | 57                 | 701            |
| Serowe              | 1,073               | 166             | 104                 | 1,023                  | 67                        | 270                   | 56                 | 383                    | 83                 | 1,117          |
| Bobonong            | 113                 | -               | 64                  | 605                    | 1,253                     | 5                     | 79                 | 197                    | 45                 | 812            |
| Lethakane           | 460                 | 31              | 2                   | 172                    | 1,072                     | 52                    | 119                | 418                    | 22                 | 290            |
| Selebi-Phikwe       | 52                  | 31              | 10                  | 644                    | 156                       | 56                    | 5                  | 31                     | 100                | 847            |
| CENTRAL REGION      | 4,016               | 300             | 939                 | 5,218                  | 2,628                     | 884                   | 1,480              | 1,455                  | 543                | 6,128          |
| Tati                | 1,526               | -               | 143                 | 1,383                  | 951                       | -                     | 19                 | 644                    | 19                 | 194            |
| Tutume              | 1,532               | 140             | 12                  | 1,092                  | 74                        | 53                    | 180                | 197                    | 32                 | 945            |
| Tonota              | 292                 | 64              | 123                 | 550                    | 314                       | 141                   | 29                 | 280                    | 251                | 618            |
| FRANCISTOWN REGION  | 3,350               | 204             | 278                 | 3,025                  | 1,339                     | 194                   | 228                | 1,121                  | 302                | 1,757          |
| Ngamiland West      | 969                 | 6               | 6                   | 352                    | 2,523                     | 17                    | 84                 | 505                    | 135                | 499            |
| Ngamiland East      | 719                 | 19              | 60                  | 169                    | 1,961                     | 70                    | 32                 | 131                    | 57                 | 651            |
| Chobe               | 298                 | 20              | 3                   | 38                     | 154                       | 7                     | 5                  | 136                    | 49                 | 187            |
| MAUN REGION         | 1,986               | 45              | 69                  | 559                    | 4,638                     | 94                    | 121                | 772                    | 241                | 1,337          |
| Gantsi              | 5                   | -               | -                   | 6                      | 1                         | -                     | -                  | 13                     | 1                  | 102            |
| Hukuntsi            | 11                  | 9               | -                   | 3                      | -                         | 1                     | 11                 | 71                     | 3                  | 21             |
| Tsabong             | 3                   | -               | -                   | 1                      | -                         | 2                     | 2                  | 10                     | -                  | 3              |
| WESTERN REGION      | 19                  | 9               | -                   | 10                     | 1                         | 3                     | 13                 | 94                     | 4                  | 126            |
| TOTAL TRADITIONAL   | 14,947              | 1,823           | 5,794               | 11,054                 | 8,880                     | 1,716                 | 2,612              | 4,485                  | 1,674              | 16,278         |



TABLE 7.24: HOLDINGS HARVESTED BY CROP BUYERS, DISTRICT AND REGION

| District/<br>Region | BAMB<br>Direct | BAMB<br>Agent | Cooperatives | Private<br>Trader | Public<br>Directly | Seed Multiplication |      | Other |
|---------------------|----------------|---------------|--------------|-------------------|--------------------|---------------------|------|-------|
|                     |                |               |              |                   |                    | Millers             | Unit |       |
| Barolong            | 3              | 3             | 2            | 4                 | 50                 | 3                   | 4    | -     |
| Ngwaketse South     | 1              | -             | -            | 8                 | 91                 | 4                   | 5    | 11    |
| Ngwaketse North     | 14             | 2             | 6            | 65                | 435                | 2                   | 2    | 98    |
| Ngwaketse Central   | 28             | -             | 2            | 16                | 66                 | -                   | -    | -     |
| Ngwaketse West      | -              | 3             | 2            | 29                | 114                | 12                  | -    | 14    |
| SOUTHERN REGION     | 46             | 8             | 12           | 122               | 756                | 21                  | 11   | 123   |
| Bamalete/Tlokweng   | 6              | -             | -            | 14                | 190                | -                   | -    | -     |
| Kweneng South       | -              | -             | -            | -                 | 370                | -                   | -    | -     |
| Kweneng North       | 4              | -             | -            | 12                | 265                | -                   | -    | 9     |
| Kweneng West        | 4              | -             | 6            | -                 | 311                | -                   | -    | -     |
| Kgatleng            | -              | -             | 2            | 53                | 359                | -                   | -    | 39    |
| GABORONE REGION     | 14             | -             | 8            | 79                | 1,495              | -                   | -    | 48    |
| Mahalapye East      | 11             | -             | 9            | -                 | 568                | 8                   | 18   | -     |
| Mahalapye West      | 23             | 4             | -            | 2                 | 400                | -                   | -    | 16    |
| Palapye             | 26             | 10            | 4            | 24                | 367                | 18                  | 1    | 3     |
| Serowe              | 5              | 2             | -            | 8                 | 344                | -                   | -    | 320   |
| Bobonong            | 16             | 2             | 2            | 16                | 238                | 5                   | 2    | 6     |
| Letlhakane          | 20             | -             | -            | -                 | 312                | -                   | -    | 3     |
| Selebi-Phikwe       | -              | 2             | 5            | -                 | 173                | -                   | 2    | -     |
| CENTRAL REGION      | 101            | 20            | 20           | 50                | 2,402              | 31                  | 23   | 348   |
| Tati                | -              | -             | -            | 2                 | 204                | 65                  | -    | -     |
| Tutume              | 36             | -             | 5            | 7                 | 343                | 8                   | -    | 15    |
| Tonota              | 28             | -             | 7            | 71                | 175                | 68                  | -    | -     |
| FRANCISTOWN REGION  | 64             | -             | 12           | 80                | 722                | 141                 | -    | 15    |
| Ngamiland West      | -              | -             | -            | -                 | 197                | -                   | -    | 5     |
| Ngamiland East      | 30             | 3             | -            | 8                 | 421                | 9                   | -    | 2     |
| Chobe               | 54             | 6             | -            | 35                | 50                 | 56                  | 3    | 4     |
| MAUN REGION         | 84             | 9             | -            | 43                | 668                | 65                  | 3    | 11    |
| Gantsi              | 3              | -             | -            | -                 | 11                 | -                   | -    | -     |
| Hukuntsi            | -              | -             | -            | -                 | 7                  | -                   | -    | -     |
| Tsabong             | -              | -             | -            | -                 | -                  | -                   | -    | -     |
| WESTERN REGION      | 3              | -             | -            | -                 | 18                 | -                   | -    | -     |
| TOTAL TRADITIONAL   | 312            | 37            | 52           | 374               | 6,061              | 258                 | 37   | 545   |

TABLE 7.25: HOLDINGS HARVESTED BY REASONS FOR NOT HARVESTING, DISTRICT AND REGION

| District/<br>Region | Lack of<br>Rain | Crops Destroyed by:<br>Livestock | Crops Attacked<br>By Pests | Crops Attacked<br>Underground Fire | Crops Destroyed by:<br>Floods | Crops Destroyed by:<br>Weeds | Frosts | Wildlife | Other |
|---------------------|-----------------|----------------------------------|----------------------------|------------------------------------|-------------------------------|------------------------------|--------|----------|-------|
| Barolong            | 23              | 51                               | 11                         | 27                                 | -                             | 8                            | -      | 6        | 6     |
| Ngwaketse South     | 166             | 48                               | -                          | 34                                 | -                             | 3                            | 4      | 15       | 2     |
| Ngwaketse North     | 866             | 617                              | 145                        | 652                                | -                             | 110                          | 10     | 44       | 56    |
| Ngwaketse Central   | 91              | 114                              | 52                         | 45                                 | -                             | 22                           | -      | 25       | 44    |
| Ngwaketse West      | 803             | 308                              | 41                         | 322                                | -                             | 224                          | 9      | 176      | 11    |
| SOUTHERN REGION     | 1,949           | 1,138                            | 249                        | 1,080                              | -                             | 367                          | 23     | 266      | 119   |
| Bamalete/Tlokweng   | 228             | 179                              | 9                          | 361                                | -                             | 192                          | 1      | 124      | 2     |
| Kweneng South       | 1,037           | 426                              | 234                        | 926                                | -                             | 117                          | 110    | 55       | 130   |
| Kweneng North       | 638             | 495                              | 383                        | 974                                | -                             | 332                          | 44     | 108      | 111   |
| Kweneng West        | 829             | 376                              | 92                         | 270                                | -                             | 143                          | 11     | 236      | 252   |
| Kgatleng            | 580             | 235                              | 33                         | 993                                | -                             | 357                          | 46     | 654      | 218   |
| GABORONE REGION     | 3,312           | 1,711                            | 751                        | 3,524                              | -                             | 1,141                        | 212    | 1,177    | 713   |
| Mahalapye East      | 361             | 391                              | 100                        | 1,844                              | -                             | 219                          | 25     | 39       | 339   |
| Mahalapye West      | 246             | 245                              | 57                         | 509                                | -                             | 238                          | 19     | 121      | 219   |
| Palapye             | 790             | 293                              | 376                        | 1,232                              | -                             | 176                          | -      | 42       | 29    |
| Serowe              | 355             | 404                              | 115                        | 692                                | -                             | 229                          | 4      | 297      | 172   |
| Bobonong            | 1,579           | 313                              | 132                        | 639                                | -                             | 25                           | 16     | 85       | 66    |
| Lethakane           | 785             | 367                              | 81                         | 663                                | -                             | 220                          | -      | 14       | 87    |
| Selebi-Phikwe       | 441             | 304                              | 99                         | 650                                | -                             | 60                           | 2      | 171      | 47    |
| CENTRAL REGION      | 4,557           | 2,317                            | 960                        | 6,229                              | -                             | 1,167                        | 66     | 769      | 959   |
| Tati                | 619             | 354                              | 247                        | 701                                | -                             | 152                          | -      | 36       | 279   |
| Tutume              | 829             | 536                              | 263                        | 823                                | -                             | 226                          | -      | 182      | 322   |
| Tonota              | 547             | 220                              | 314                        | 550                                | -                             | 258                          | 51     | 37       | 307   |
| FRANCISTOWN REGION  | 1,995           | 1,110                            | 824                        | 2,074                              | -                             | 636                          | 51     | 255      | 908   |
| Ngamiland West      | 158             | 300                              | 400                        | 336                                | -                             | 238                          | 31     | 198      | 39    |
| Ngamiland East      | 571             | 400                              | 43                         | 537                                | -                             | 141                          | 9      | 305      | 259   |
| Chobe               | 14              | 20                               | -                          | 28                                 | -                             | 5                            | -      | 168      | 1     |
| MAUN REGION         | 743             | 720                              | 443                        | 901                                | -                             | 384                          | 40     | 671      | 299   |
| Gantsi              | 82              | 4                                | -                          | 4                                  | -                             | -                            | -      | 1        | 5     |
| Hukuntsi            | 94              | 9                                | -                          | 16                                 | -                             | 16                           | -      | -        | -     |
| Tsabong             | 15              | 2                                | -                          | -                                  | -                             | -                            | -      | -        | -     |
| WESTERN REGION      | 191             | 15                               | -                          | 20                                 | -                             | 16                           | -      | 1        | 5     |
| TOTAL TRADITIONAL   | 12,747          | 7,011                            | 3,227                      | 13,828                             | -                             | 3,711                        | 392    | 3,139    | 3,003 |

TABLE 8.1: TOTAL FARMS, FARMS PLANTED AND LIVESTOCK HOLDINGS BY BLOCK

| BLOCK             | Total<br>Farms | Crop<br>Farms | Cattle<br>Farms | Goats<br>Farms | Sheep<br>Farms | Donkey/<br>Mules Farms | Horse<br>Farms | Chicken<br>Farms | Ostrich<br>Farms | Pig<br>Farms | Dogs | Other<br>Livestock |
|-------------------|----------------|---------------|-----------------|----------------|----------------|------------------------|----------------|------------------|------------------|--------------|------|--------------------|
| Tuli              | 43             | 3             | 42              | 18             | 13             | 9                      | 10             | 10               | 1                | -            | 13   | 2                  |
| Tati              | 77             | 11            | 76              | 37             | 23             | 6                      | 8              | 37               | 3                | 10           | 47   | 7                  |
| Gantsi Freehold   | 112            | 2             | 107             | 59             | 42             | 55                     | 85             | 47               | 17               | 3            | 69   | 24                 |
| Molopo Freehold   | 7              | -             | 7               | 4              | 5              | 1                      | 6              | 4                | -                | -            | 5    | 1                  |
| Gaborone Freehold | -              | -             | -               | -              | -              | -                      | -              | -                | -                | -            | -    | -                  |
| Pandamatenga      | 39             | 38            | 5               | 1              | 2              | -                      | 2              | 4                | -                | 2            | 10   | 5                  |
| Lobatse Freehold  | 18             | 5             | 14              | 6              | 7              | 2                      | 3              | 8                | 1                | 1            | 13   | -                  |
| Sand Veldt TGLP   | 26             | -             | 26              | 23             | 13             | 12                     | 16             | 16               | 4                | -            | 10   | 4                  |
| Ngwaketse TGLP    | 63             | 2             | 63              | 30             | 20             | 16                     | 33             | 20               | 4                | -            | 25   | 2                  |
| Kgalagadi TGLP    | 18             | -             | 17              | 18             | 14             | 15                     | 14             | 11               | 2                | -            | 16   | 2                  |
| Kweneng TGLP      | 69             | 1             | 69              | 39             | 15             | 25                     | 47             | 20               | -                | -            | 35   | -                  |
| Gantsi TGLP       | 157            | 1             | 156             | 88             | 43             | 99                     | 111            | 57               | 2                | 2            | 81   | 4                  |
| Haina Veldt TGLP  | 43             | 4             | 43              | 39             | 29             | 36                     | 38             | 27               | 3                | 1            | 36   | 1                  |
| Nata TGLP         | 25             | -             | 25              | 15             | 1              | 3                      | 4              | 15               | 1                | -            | 16   | -                  |
| Lepasha TGLP      | 15             | -             | 15              | 7              | 2              | 4                      | 3              | 6                | -                | -            | 12   | -                  |
| Barolong Farms    | 10             | 2             | 10              | 3              | 3              | 4                      | 4              | 4                | 1                | -            | 2    | -                  |
| Lethakane Farms   | 20             | 1             | 20              | 15             | 8              | 11                     | 15             | 14               | -                | -            | 15   | -                  |
| Total Commercial  | 742            | 70            | 695             | 402            | 240            | 298                    | 399            | 300              | 39               | 19           | 405  | 52                 |

TABLE 8.2: LIVESTOCK POPULATION BY BLOCK

| BLOCK             | Cattle  | Goats  | Sheep  | Donkey/<br>Mules | Horses | Chicken | Ostrich | Pigs | Dogs  | Other<br>Livestock |
|-------------------|---------|--------|--------|------------------|--------|---------|---------|------|-------|--------------------|
| Tuli              | 9,942   | 884    | 351    | 60               | 65     | 181     | 14      | -    | 70    | 204                |
| Tati              | 13,065  | 2,180  | 579    | 51               | 24     | 670     | 79      | 138  | 226   | 246                |
| Gantsi Freehold   | 75,956  | 5,767  | 3,280  | 426              | 1,254  | 1,691   | 222     | 18   | 327   | 10,993             |
| Molopo Freehold   | 13,350  | 366    | 500    | 6                | 236    | 67      | -       | -    | 27    | 14                 |
| Gaborone Freehold | -       | -      | -      | -                | -      | -       | -       | -    | -     | -                  |
| Pandamatenga      | 489     | 33     | 163    | -                | 7      | 136     | -       | 99   | 37    | 12                 |
| Lobatse Freehold  | 2,947   | 365    | 133    | 12               | 41     | 7,263   | 500     | 5    | 52    | -                  |
| Sand Veldt TGLP   | 11,944  | 2,487  | 457    | 161              | 180    | 412     | 93      | -    | 111   | 30                 |
| Ngwaketse TGLP    | 19,763  | 2,354  | 771    | 78               | 408    | 551     | 94      | -    | 95    | 210                |
| Kgalagadi TGLP    | 2,767   | 1,593  | 1,741  | 229              | 135    | 108     | 20      | -    | 64    | 7                  |
| Kweneng TGLP      | 8,903   | 1,840  | 376    | 188              | 179    | 338     | -       | -    | 98    | -                  |
| Gantsi TGLP       | 30,639  | 7,096  | 1,775  | 681              | 732    | 754     | 56      | 4    | 271   | 250                |
| HAina Veldt TGLP  | 11,483  | 4,904  | 1,065  | 482              | 463    | 495     | 152     | 4    | 264   | 1                  |
| NAta TGLP         | 4,044   | 562    | 16     | 9                | 27     | 212     | 40      | -    | 122   | -                  |
| Lepasha TGLP      | 2,314   | 307    | 43     | 29               | 16     | 111     | -       | -    | 69    | -                  |
| Barolong Farms    | 2,451   | 212    | 293    | 49               | 40     | 2,730   | 66      | -    | 7     | -                  |
| Letlhakane Farms  | 4,836   | 931    | 191    | 53               | 86     | 257     | -       | -    | 124   | -                  |
| Total Commercial  | 214,893 | 31,881 | 11,734 | 2,514            | 3,893  | 15,976  | 1,336   | 268  | 1,964 | 11,967             |

TABLE 8.3: NUMBER OF HOLDINGS BY FARM OWNERSHIP STATUS,GENDER AND BLOCK

| BLOCK             | OWNED |        |               |                   | LEASED |        |                |                    | Total Farms |
|-------------------|-------|--------|---------------|-------------------|--------|--------|----------------|--------------------|-------------|
|                   | Male  | Female | Company Owned | Total Owned Farms | Male   | Female | Company Leased | Total Leased Farms |             |
| Tuli              | 28    | 12     | -             | 40                | 3      | -      | -              | 3                  | 43          |
| Tati              | 48    | 7      | 1             | 56                | 20     | 1      | -              | 21                 | 77          |
| Gantsi Freehold   | 82    | 12     | 5             | 99                | 10     | 3      | -              | 13                 | 112         |
| Molopo Freehold   | 4     | -      | 2             | 6                 | -      | -      | 1              | 1                  | 7           |
| Gaborone Freehold | -     | -      | -             | -                 | -      | -      | -              | -                  | -           |
| Pandamatenga      | 24    | -      | -             | 24                | 15     | -      | -              | 15                 | 39          |
| Lobatse Freehold  | 11    | 2      | 1             | 14                | 3      | 1      | -              | 4                  | 18          |
| Sand Veldt TGLP   | 20    | 3      | -             | 23                | 1      | 1      | 1              | 3                  | 26          |
| Ngwaketse TGLP    | 53    | 2      | -             | 55                | 8      | -      | -              | 8                  | 63          |
| Kgalagadi TGLP    | 15    | 2      | -             | 17                | 1      | -      | -              | 1                  | 18          |
| Kweneng TGLP      | 59    | 2      | 2             | 63                | 5      | 1      | -              | 6                  | 69          |
| Gantsi TGLP       | 131   | 21     | -             | 152               | 3      | 2      | -              | 5                  | 157         |
| HAina Veldt TGLP  | 32    | 6      | 1             | 39                | 2      | -      | 2              | 4                  | 43          |
| NAta TGLP         | 5     | -      | -             | 5                 | 17     | 2      | 1              | 20                 | 25          |
| Lepasha TGLP      | 10    | 4      | 1             | 15                | -      | -      | -              | -                  | 15          |
| Barolong Farms    | 2     | -      | 6             | 8                 | 1      | -      | 1              | 2                  | 10          |
| Letlhakane Farms  | 17    | 3      | -             | 20                | -      | -      | -              | -                  | 20          |
| Total Commercial  | 541   | 76     | 19            | 636               | 89     | 11     | 6              | 106                | 742         |

TABLE 8.4: NUMBER OF HOLDINGS BY TYPE OF ORGANISATION OR MANAGEMENT AND BLOCK

| BLOCK             | Individual | Partnership | Cooperative | Limited Company | Public Private Company | TGLP Syndicate | Government | Other | Total Holdings |
|-------------------|------------|-------------|-------------|-----------------|------------------------|----------------|------------|-------|----------------|
| Tuli              | 32         | 2           | -           | 3               | 1                      | 1              | -          | 4     | 43             |
| Tati              | 56         | 17          | -           | 2               | 1                      | -              | 1          | -     | 77             |
| Gantsi Freehold   | 93         | 8           | 1           | 7               | 1                      | -              | 1          | 1     | 112            |
| Molopo Freehold   | 1          | -           | -           | 4               | 1                      | -              | 1          | -     | 7              |
| Gaborone Freehold | -          | -           | -           | -               | -                      | -              | -          | -     | -              |
| Pandamatenga      | 23         | -           | -           | 14              | 1                      | 1              | -          | -     | 39             |
| Lobatse Freehold  | 9          | -           | -           | 7               | -                      | -              | 1          | 1     | 18             |
| Sand Veldt TGLP   | 22         | -           | -           | -               | -                      | 3              | -          | 1     | 26             |
| Ngwaketse TGLP    | 25         | 3           | 2           | 6               | -                      | 27             | -          | -     | 63             |
| Kgalagadi TGLP    | 3          | -           | -           | -               | -                      | 15             | -          | -     | 18             |
| Kweneng TGLP      | 8          | -           | -           | 1               | -                      | 60             | -          | -     | 69             |
| Gantsi TGLP       | 13         | 1           | -           | -               | -                      | 143            | -          | -     | 157            |
| HAina Veldt TGLP  | 31         | 1           | -           | -               | -                      | 11             | -          | -     | 43             |
| NAta TGLP         | 1          | 2           | -           | -               | -                      | 21             | 1          | -     | 25             |
| Lepasha TGLP      | 13         | 1           | -           | -               | -                      | 1              | -          | -     | 15             |
| Barolong Farms    | 1          | -           | -           | -               | -                      | -              | 8          | 1     | 10             |
| Lethakane Farms   | 18         | -           | -           | -               | -                      | 2              | -          | -     | 20             |
| Total Commercial  | 349        | 35          | 3           | 44              | 5                      | 285            | 13         | 8     | 742            |

TABLE 8.5: NUMBER OF HOLDINGS BY FERTILIZER USE STATUS AND BLOCK

| BLOCK             | YES    |            | NO     |            | Total Holdings |
|-------------------|--------|------------|--------|------------|----------------|
|                   | Number | Percentage | Number | Percentage |                |
| Tuli              | 2      | 3.6        | 1      | 6.7        | 3              |
| Tati              | 9      | 16.4       | 2      | 13.3       | 11             |
| Gantsi Freehold   | 2      | 3.6        | -      | -          | 2              |
| Molopo Freehold   | -      | -          | -      | -          | -              |
| Gaborone Freehold | -      | -          | -      | -          | -              |
| Pandamatenga      | 33     | 60.0       | 5      | 33.3       | 38             |
| Lobatse Freehold  | 4      | 7.3        | 1      | 6.7        | 5              |
| Sand Veldt TGLP   | -      | -          | -      | -          | -              |
| Ngwaketse TGLP    | 2      | 3.6        | -      | -          | 2              |
| Kgalagadi TGLP    | -      | -          | -      | -          | -              |
| Kweneng TGLP      | 1      | 1.8        | -      | -          | 1              |
| Gantsi TGLP       | -      | -          | 1      | 6.7        | 1              |
| HAina Veldt TGLP  | -      | -          | 4      | 26.7       | 4              |
| NAta TGLP         | -      | -          | -      | -          | -              |
| Lepasha TGLP      | -      | -          | -      | -          | -              |
| Barolong Farms    | 2      | 3.6        | -      | -          | 2              |
| Lethakane Farms   | -      | -          | 1      | 6.7        | 1              |
| Total Commercial  | 55     | 100.0      | 15     | 100.0      | 70             |

TABLE 8.6: NUMBER OF HOLDINGS BY FERTILIZER USED, FERTILIZER QUANTITY AND BLOCK

| BLOCK             | Chemical Only      |                       |                         | Manure Only        |                       |                         | Both Chemical and Manure |                       |                         |
|-------------------|--------------------|-----------------------|-------------------------|--------------------|-----------------------|-------------------------|--------------------------|-----------------------|-------------------------|
|                   | Number of Holdings | Overall Quantity (KG) | Average Qty Per Holding | Number of Holdings | Overall Quantity (KG) | Average Qty Per Holding | Number of Holdings       | Overall Quantity (KG) | Average Qty Per Holding |
| Tuli              | 1                  | 20,000                | 20,000                  | -                  | -                     | -                       | 1                        | 50,000                | 50,000                  |
| Tati              | 1                  | 800                   | 800                     | 5                  | 32,200                | 6,440                   | 3                        | 3,700                 | 1,233                   |
| Gantsi Freehold   | 1                  | 100                   | 100                     | 1                  | 50                    | 50                      | -                        | -                     | -                       |
| Molopo Freehold   | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Gaborone Freehold | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Pandamatenga      | 30                 | 1,941,380             | 64,713                  | -                  | -                     | -                       | 3                        | 262,000               | 87,333                  |
| Lobatse Freehold  | 1                  | 5,000                 | 5,000                   | 2                  | 4,000                 | 2,000                   | 1                        | 100                   | 100                     |
| Sand Veldt TGLP   | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Ngwaketse TGLP    | 1                  | 18,250                | 18,250                  | -                  | -                     | -                       | 1                        | 110                   | 110                     |
| Kgalagadi TGLP    | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Kweneng TGLP      | 1                  | 200                   | 200                     | -                  | -                     | -                       | -                        | -                     | -                       |
| Gantsi TGLP       | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| HAina Veldt TGLP  | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| NAta TGLP         | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Lepasha TGLP      | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Barolong Farms    | -                  | -                     | -                       | -                  | -                     | -                       | 2                        | 4,200                 | 2,100                   |
| Letlhakane Farms  | -                  | -                     | -                       | -                  | -                     | -                       | -                        | -                     | -                       |
| Total Commercial  | 36                 | 1,985,730             | 55,159                  | 8                  | 36,250                | 4,531                   | 11                       | 320,110               | 29,101                  |



TABLE 8.7: NUMBER OF HOLDINGS BY CROP BUYERS AND BLOCK

| BLOCK             | BAMB | BAMB Agent | Cooperative | Trader | Exported | Millers | Public | Other |
|-------------------|------|------------|-------------|--------|----------|---------|--------|-------|
| Tuli              | -    | -          | -           | 1      | -        | -       | 1      | -     |
| Tati              | 1    | -          | -           | 1      | -        | -       | 3      | 1     |
| Gantsi Freehold   | -    | -          | -           | -      | -        | -       | -      | -     |
| Molopo Freehold   | -    | -          | -           | -      | -        | -       | -      | -     |
| Gaborone Freehold | -    | -          | -           | -      | -        | -       | -      | -     |
| Pandamatenga      | 25   | 1          | 1           | 2      | 3        | 4       | 5      | 3     |
| Lobatse Freehold  | -    | -          | -           | 1      | -        | -       | 1      | 1     |
| Sand Veldt TGLP   | -    | -          | -           | -      | -        | -       | -      | -     |
| Ngwaketse TGLP    | -    | -          | -           | -      | -        | -       | -      | 2     |
| Kgalagadi TGLP    | -    | -          | -           | -      | -        | -       | -      | -     |
| Kweneng TGLP      | 1    | -          | -           | 1      | -        | 1       | -      | -     |
| Gantsi TGLP       | -    | -          | -           | -      | -        | -       | -      | -     |
| HAina Veldt TGLP  | -    | -          | -           | -      | -        | -       | 1      | -     |
| NAta TGLP         | -    | -          | -           | -      | -        | -       | -      | -     |
| Lepasha TGLP      | -    | -          | -           | -      | -        | -       | -      | -     |
| Barolong Farms    | -    | -          | -           | -      | -        | -       | 1      | 1     |
| Letlhakane Farms  | -    | -          | -           | -      | -        | -       | -      | -     |
| Total Commercial  | 27   | 1          | 1           | 6      | 3        | 5       | 12     | 8     |

TABLE 8.8: NUMBER OF HOLDINGS BY HORTICULTURAL PRODUCTS BUYERS AND BLOCK

| BLOCK             | Wholesalers | Farm Stall | Retailers | Street Vendors | Fresh Produce Market | Institutions | Public | Other |
|-------------------|-------------|------------|-----------|----------------|----------------------|--------------|--------|-------|
| Tuli              | -           | -          | -         | 1              | -                    | -            | -      | -     |
| Tati              | -           | -          | 1         | 1              | -                    | -            | 3      | -     |
| Gantsi Freehold   | -           | -          | -         | -              | -                    | -            | -      | -     |
| Molopo Freehold   | -           | -          | -         | -              | -                    | -            | -      | -     |
| Gaborone Freehold | -           | -          | -         | -              | -                    | -            | -      | -     |
| Pandamatenga      | 2           | 2          | -         | 2              | 1                    | 2            | 3      | 1     |
| Lobatse Freehold  | 1           | 1          | 2         | 2              | 1                    | 2            | 2      | -     |
| Sand Veldt TGLP   | -           | -          | -         | -              | -                    | -            | -      | -     |
| Ngwaketse TGLP    | -           | -          | -         | -              | -                    | -            | -      | -     |
| Kgalagadi TGLP    | -           | -          | -         | -              | -                    | -            | -      | -     |
| Kweneng TGLP      | 1           | 1          | 1         | -              | -                    | -            | -      | -     |
| Gantsi TGLP       | -           | -          | -         | -              | -                    | -            | -      | -     |
| HAina Veldt TGLP  | -           | -          | -         | -              | -                    | -            | -      | -     |
| NAta TGLP         | -           | -          | -         | -              | -                    | -            | -      | -     |
| Lepasha TGLP      | -           | -          | -         | -              | -                    | -            | -      | -     |
| Barolong Farms    | -           | -          | -         | -              | -                    | -            | 1      | 1     |
| Lethakane Farms   | -           | -          | -         | -              | -                    | -            | -      | -     |
| Total Commercial  | 4           | 4          | 4         | 6              | 2                    | 4            | 9      | 2     |

TABLE 8.9: NUMBER OF HOLDINGS BY WHETHER EMPLOYED FARM LABOURERS AND BLOCK

| BLOCK             | YES    |            | NO     |            | Total Holdings |
|-------------------|--------|------------|--------|------------|----------------|
|                   | Number | Percentage | Number | Percentage |                |
| Tuli              | 38     | 7.5        | 5      | 2.1        | 43             |
| Tati              | 65     | 12.8       | 12     | 5.2        | 77             |
| Gantsi Freehold   | 76     | 14.9       | 36     | 15.5       | 112            |
| Molopo Freehold   | 7      | 1.4        | -      | -          | 7              |
| Gaborone Freehold | -      | -          | -      | -          | -              |
| Pandamatenga      | 15     | 2.9        | 24     | 10.3       | 39             |
| Lobatse Freehold  | 18     | 3.5        | -      | -          | 18             |
| Sand Veldt TGLP   | 25     | 4.9        | 1      | 0.4        | 26             |
| Ngwaketse TGLP    | 49     | 9.6        | 14     | 6.0        | 63             |
| Kgalagadi TGLP    | 10     | 2.0        | 8      | 3.4        | 18             |
| Kweneng TGLP      | 46     | 9.0        | 23     | 9.9        | 69             |
| Gantsi TGLP       | 67     | 13.2       | 90     | 38.6       | 157            |
| HAina Veldt TGLP  | 40     | 7.9        | 3      | 1.3        | 43             |
| NAta TGLP         | 16     | 3.1        | 9      | 3.9        | 25             |
| Lepasha TGLP      | 14     | 2.8        | 1      | 0.4        | 15             |
| Barolong Farms    | 6      | 1.2        | 4      | 1.7        | 10             |
| Lethakane Farms   | 17     | 3.3        | 3      | 1.3        | 20             |
| Total Commercial  | 509    | 100.0      | 233    | 100.0      | 742            |

TABLE 8.10: NUMBER OF FARM LABOURERS BY EDUCATION ATTAINMENT, GENDER AND BLOCK

| BLOCK             | PRIMARY |        |                 | SECONDARY |        |                 | NON FORMAL |        |                 | NOT STATED/NEVER ATTENDED |        |                 | Grand Total |
|-------------------|---------|--------|-----------------|-----------|--------|-----------------|------------|--------|-----------------|---------------------------|--------|-----------------|-------------|
|                   | Male    | Female | Total Labourers | Male      | Female | Total Labourers | Male       | Female | Total Labourers | Male                      | Female | Total Labourers |             |
| Tuli              | 37      | 13     | 50              | 12        | 12     | 24              | -          | -      | -               | 74                        | 17     | 91              | 165         |
| Tati              | 84      | 15     | 99              | 33        | 2      | 35              | -          | -      | -               | 88                        | 5      | 93              | 227         |
| Gantsi Freehold   | 63      | 1      | 64              | 29        | 13     | 42              | -          | -      | -               | 254                       | 14     | 268             | 374         |
| Molopo Freehold   | 9       | 6      | 15              | 5         | 4      | 9               | -          | 1      | 1               | 58                        | 4      | 62              | 87          |
| Gaborone Freehold | -       | -      | -               | -         | -      | -               | -          | -      | -               | -                         | -      | -               | -           |
| Pandamatenga      | 62      | 69     | 131             | 66        | 75     | 141             | 1          | 1      | 2               | 24                        | 28     | 52              | 326         |
| Lobatse Freehold  | 15      | 25     | 40              | 15        | 15     | 30              | -          | -      | -               | 30                        | 16     | 46              | 116         |
| Sand Veldt TGLP   | 35      | 2      | 37              | 9         | -      | 9               | -          | -      | -               | 51                        | 3      | 54              | 100         |
| Ngwaketse TGLP    | 17      | -      | 17              | 11        | -      | 11              | -          | -      | -               | 115                       | 3      | 118             | 146         |
| Kgalagadi TGLP    | 10      | -      | 10              | 1         | -      | 1               | -          | -      | -               | 5                         | 1      | 6               | 17          |
| Kweneng TGLP      | 16      | -      | 16              | 6         | -      | 6               | -          | -      | -               | 59                        | 2      | 61              | 83          |
| Gantsi TGLP       | 21      | -      | 21              | 6         | -      | 6               | -          | -      | -               | 103                       | 1      | 104             | 131         |
| HAina Veldt TGLP  | 26      | 4      | 30              | 9         | 1      | 10              | -          | -      | -               | 68                        | 11     | 79              | 119         |
| NAta TGLP         | 11      | 1      | 12              | 4         | -      | 4               | -          | -      | -               | 26                        | 5      | 31              | 47          |
| Lepasha TGLP      | 5       | 1      | 6               | 6         | 1      | 7               | -          | -      | -               | 12                        | 2      | 14              | 27          |
| Barolong Farms    | 19      | 6      | 25              | 8         | 3      | 11              | 5          | -      | 5               | 25                        | 2      | 27              | 68          |
| Letlhakane Farms  | 8       | 1      | 9               | 6         | 1      | 7               | -          | -      | -               | 29                        | 6      | 35              | 51          |
| Total Commercial  | 438     | 144    | 582             | 226       | 127    | 353             | 6          | 2      | 8               | 1,021                     | 120    | 1,141           | 2,084       |

TABLE 8.11: NUMBER OF FARM LABOURERS BY EDUCATION ATTAINMENT, GENDER AND AGE GROUP

| BLOCK            | PRIMARY |        |                 | SECONDARY |        |                 | NON FORMAL |        |                 | NOT STATED/NEVER ATTENDED |        |                 | Grand Total |
|------------------|---------|--------|-----------------|-----------|--------|-----------------|------------|--------|-----------------|---------------------------|--------|-----------------|-------------|
|                  | Male    | Female | Total Labourers | Male      | Female | Total Labourers | Male       | Female | Total Labourers | Male                      | Female | Total Labourers |             |
| 12 - 14          | 43      | 31     | 74              | 24        | 24     | 48              | -          | -      | -               | 59                        | 15     | 74              | 196         |
| 15 - 19          | 35      | 14     | 49              | 12        | 4      | 16              | -          | -      | -               | 80                        | 16     | 96              | 161         |
| 20 - 24          | 33      | 2      | 35              | 12        | 4      | 16              | -          | -      | -               | 59                        | 5      | 64              | 115         |
| 25 - 29          | 15      | -      | 15              | 7         | 3      | 10              | -          | -      | -               | 69                        | 5      | 74              | 99          |
| 30 - 34          | 15      | -      | 15              | 3         | -      | 3               | -          | -      | -               | 56                        | 4      | 60              | 78          |
| 35 - 39          | 28      | 28     | 56              | 29        | 41     | 70              | -          | 1      | 1               | 65                        | 11     | 76              | 203         |
| 40 - 44          | 14      | 1      | 15              | 1         | -      | 1               | -          | -      | -               | 44                        | 3      | 47              | 63          |
| 45 - 49          | 7       | -      | 7               | 3         | 2      | 5               | -          | -      | -               | 25                        | 4      | 29              | 41          |
| 50 - 54          | -       | -      | -               | 5         | -      | 5               | -          | -      | -               | 37                        | 1      | 38              | 43          |
| 55 - 59          | 9       | -      | 9               | 2         | -      | 2               | -          | -      | -               | 22                        | 5      | 27              | 38          |
| 60 - 64          | 22      | 1      | 23              | 3         | 1      | 4               | -          | -      | -               | 48                        | 1      | 49              | 76          |
| 65 +             | 217     | 67     | 284             | 125       | 48     | 173             | 6          | 1      | 7               | 457                       | 50     | 507             | 971         |
| Total Commercial | 438     | 144    | 582             | 226       | 127    | 353             | 6          | 2      | 8               | 1,021                     | 120    | 1,141           | 2,084       |

TABLE 8.12: NUMBER OF FARM LABOURERS BY CITIZENSHIP, GENDER AND BLOCK

| BLOCK             | Botswana |        | Zimbabwe |        | South Africa |        | Rest OF SADC |        | Other Countries |        | Total labourers |        | Grand |
|-------------------|----------|--------|----------|--------|--------------|--------|--------------|--------|-----------------|--------|-----------------|--------|-------|
|                   | Male     | Female | Male     | Female | Male         | Female | Male         | Female | Male            | Female | Male            | Female | Total |
| Tuli              | 122      | 42     | 1        | -      | -            | -      | -            | -      | -               | -      | 123             | 42     | 165   |
| Tati              | 147      | 21     | 42       | 1      | 1            | -      | 15           | -      | -               | -      | 205             | 22     | 227   |
| Gantsi Freehold   | 336      | 26     | 5        | 2      | -            | -      | 5            | -      | -               | -      | 346             | 28     | 374   |
| Molopo Freehold   | 72       | 15     | -        | -      | -            | -      | -            | -      | -               | -      | 72              | 15     | 87    |
| Gaborone Freehold | -        | -      | -        | -      | -            | -      | -            | -      | -               | -      | -               | -      | -     |
| Pandamatenga      | 74       | 118    | 64       | 41     | 2            | 2      | 13           | 12     | -               | -      | 153             | 173    | 326   |
| Lobatse Freehold  | 59       | 53     | 1        | 2      | -            | 1      | -            | -      | -               | -      | 60              | 56     | 116   |
| Sand Veldt TGLP   | 88       | 5      | 3        | -      | -            | -      | 2            | -      | 2               | -      | 95              | 5      | 100   |
| Ngwaketse TGLP    | 132      | 3      | 8        | -      | 1            | -      | -            | -      | 2               | -      | 143             | 3      | 146   |
| Kgalagadi TGLP    | 16       | 1      | -        | -      | -            | -      | -            | -      | -               | -      | 16              | 1      | 17    |
| Kweneng TGLP      | 77       | 2      | 4        | -      | -            | -      | -            | -      | -               | -      | 81              | 2      | 83    |
| Gantsi TGLP       | 130      | 1      | -        | -      | -            | -      | -            | -      | -               | -      | 130             | 1      | 131   |
| HAina Veldt TGLP  | 97       | 15     | 3        | -      | -            | -      | 1            | 1      | 2               | -      | 103             | 16     | 119   |
| NAta TGLP         | 34       | 6      | 5        | -      | -            | -      | 2            | -      | -               | -      | 41              | 6      | 47    |
| Lepasha TGLP      | 18       | 4      | 3        | -      | -            | -      | 2            | -      | -               | -      | 23              | 4      | 27    |
| Barolong Farms    | 57       | 11     | -        | -      | -            | -      | -            | -      | -               | -      | 57              | 11     | 68    |
| Letlhakane Farms  | 41       | 8      | -        | -      | -            | -      | 2            | -      | -               | -      | 43              | 8      | 51    |
| Total Commercial  | 1,500    | 331    | 139      | 46     | 4            | 3      | 42           | 13     | 6               | -      | 1,691           | 393    | 2,084 |

TABLE 8.13: NUMBER OF FARM LABOURERS BY MARITAL STATUS, GENDER AND BLOCK

| BLOCK             | Never Married |        | Married |        | Living Together |        | Separated |        | Divorced |        | Widowed |        | Total<br>Labourers |
|-------------------|---------------|--------|---------|--------|-----------------|--------|-----------|--------|----------|--------|---------|--------|--------------------|
|                   | Male          | Female | Male    | Female | Male            | Female | Male      | Female | Male     | Female | Male    | Female |                    |
| Tuli              | 79            | 32     | 39      | 8      | 1               | -      | -         | -      | 1        | -      | 3       | 2      | 165                |
| Tati              | 123           | 9      | 69      | 12     | 8               | 1      | 1         | -      | -        | -      | 4       | -      | 227                |
| Gantsi Freehold   | 121           | 14     | 157     | 12     | 63              | 1      | -         | -      | 4        | 1      | 1       | -      | 374                |
| Molopo Freehold   | 47            | 7      | 24      | 6      | 1               | 2      | -         | -      | -        | -      | -       | -      | 87                 |
| Gaborone Freehold | -             | -      | -       | -      | -               | -      | -         | -      | -        | -      | -       | -      | -                  |
| Pandamatenga      | 73            | 125    | 63      | 43     | 17              | 5      | -         | -      | -        | -      | -       | -      | 326                |
| Lobatse Freehold  | 32            | 28     | 18      | 18     | 1               | 5      | -         | 1      | -        | -      | 9       | 4      | 116                |
| Sand Veldt TGLP   | 48            | 5      | 36      | -      | 4               | -      | -         | -      | -        | -      | 7       | -      | 100                |
| Ngwaketse TGLP    | 70            | 1      | 70      | 2      | 2               | -      | -         | -      | -        | -      | 1       | -      | 146                |
| Kgalagadi TGLP    | 5             | 1      | 10      | -      | 1               | -      | -         | -      | -        | -      | -       | -      | 17                 |
| Kweneng TGLP      | 59            | 1      | 16      | 1      | 4               | -      | -         | -      | 1        | -      | 1       | -      | 83                 |
| Gantsi TGLP       | 72            | -      | 26      | 1      | 27              | -      | -         | -      | 1        | -      | 4       | -      | 131                |
| HAina Veldt TGLP  | 51            | 7      | 18      | 4      | 23              | 3      | 1         | -      | -        | -      | 10      | 2      | 119                |
| NAta TGLP         | 29            | 2      | 11      | 4      | -               | -      | -         | -      | -        | -      | 1       | -      | 47                 |
| Lepasha TGLP      | 8             | 3      | 13      | -      | 1               | 1      | -         | -      | -        | -      | 1       | -      | 27                 |
| Barolong Farms    | 35            | 6      | 18      | 4      | 3               | 1      | -         | -      | -        | -      | 1       | -      | 68                 |
| Letlhakane Farms  | 25            | 2      | 13      | 5      | 4               | -      | -         | -      | -        | -      | 1       | 1      | 51                 |
| Total Commercial  | 877           | 243    | 601     | 120    | 160             | 19     | 2         | 1      | 7        | 1      | 44      | 9      | 2,084              |

TABLE 8.14: NUMBER OF FARM LABOURERS BY EMPLOYEE STATUS AND BLOCK

| BLOCK             | EMPLOYEE PAID: |         | Self Employed  | Self Employed    | Upaid Family | Worked in Own     | Total     |
|-------------------|----------------|---------|----------------|------------------|--------------|-------------------|-----------|
|                   | In Cash        | In Kind | (no employees) | (with employees) | Helper       | Lands/Cattleposts | Labourers |
| Tuli              | 165            | -       | -              | -                | -            | -                 | 165       |
| Tati              | 226            | -       | 1              | -                | -            | -                 | 227       |
| Gantsi Freehold   | 372            | 2       | -              | -                | -            | -                 | 374       |
| Molopo Freehold   | 84             | -       | 3              | -                | -            | -                 | 87        |
| Gaborone Freehold | -              | -       | -              | -                | -            | -                 | -         |
| Pandamatenga      | 321            | 1       | 3              | -                | -            | 1                 | 326       |
| Lobatse Freehold  | 116            | -       | -              | -                | -            | -                 | 116       |
| Sand Veldt TGLP   | 100            | -       | -              | -                | -            | -                 | 100       |
| Ngwaketse TGLP    | 142            | 2       | 2              | -                | -            | -                 | 146       |
| Kgalagadi TGLP    | 17             | -       | -              | -                | -            | -                 | 17        |
| Kweneng TGLP      | 80             | 3       | -              | -                | -            | -                 | 83        |
| Gantsi TGLP       | 130            | 1       | -              | -                | -            | -                 | 131       |
| HAina Veldt TGLP  | 119            | -       | -              | -                | -            | -                 | 119       |
| NAta TGLP         | 47             | -       | -              | -                | -            | -                 | 47        |
| Lepasha TGLP      | 24             | -       | -              | -                | 3            | -                 | 27        |
| Barolong Farms    | 67             | -       | -              | 1                | -            | -                 | 68        |
| Lethakane Farms   | 51             | -       | -              | -                | -            | -                 | 51        |
| Total Commercial  | 2,061          | 9       | 9              | 1                | 3            | 1                 | 2,084     |



TABLE 8.15: NUMBER OF FARM LABOURERS AND TOTAL EARNINGS (PULA) BY MODE OF PAYMENT AND BLOCK

| BLOCK             | Cash Only                   |                         |                            | In Kind Only                |                         |                            | Both Cash & In Kind         |                          |                            |
|-------------------|-----------------------------|-------------------------|----------------------------|-----------------------------|-------------------------|----------------------------|-----------------------------|--------------------------|----------------------------|
|                   | Number of<br>Farm Labourers | Total<br>Earnings(Pula) | Average<br>Earnings (Pula) | Number of<br>Farm Labourers | Total<br>Earnings(Pula) | Average<br>Earnings (Pula) | Number of<br>Farm Labourers | Total<br>Earnings (Pula) | Average<br>Earnings (Pula) |
| Tuli              | 57                          | 19,200                  | 337                        | 1                           | 260                     | 260                        | 107                         | 57,359                   | 536                        |
| Tati              | 51                          | 35,618                  | 698                        | -                           | -                       | -                          | 176                         | 74,426                   | 423                        |
| Gantsi Freehold   | 156                         | 93,626                  | 600                        | -                           | -                       | -                          | 218                         | 119,684                  | 549                        |
| Molopo Freehold   | 5                           | 1,470                   | 294                        | -                           | -                       | -                          | 82                          | 34,019                   | 415                        |
| Gaborone Freehold | -                           | -                       | -                          | -                           | -                       | -                          | -                           | -                        | -                          |
| Pandamatenga      | 275                         | 121,215                 | 441                        | 2                           | 600                     | 300                        | 49                          | 30,054                   | 613                        |
| Lobatse Freehold  | 81                          | 35,387                  | 437                        | -                           | -                       | -                          | 35                          | 19,440                   | 555                        |
| Sand Veldt TGLP   | 17                          | 6,220                   | 366                        | -                           | -                       | -                          | 83                          | 35,900                   | 433                        |
| Ngwaketse TGLP    | 50                          | 21,890                  | 438                        | 1                           | 200                     | 200                        | 95                          | 38,392                   | 404                        |
| Kgalagadi TGLP    | 7                           | 2,100                   | 300                        | -                           | -                       | -                          | 10                          | 4,130                    | 413                        |
| Kweneng TGLP      | 28                          | 10,480                  | 374                        | -                           | -                       | -                          | 55                          | 26,080                   | 474                        |
| Gantsi TGLP       | 27                          | 9,000                   | 333                        | 1                           | 300                     | 300                        | 103                         | 42,840                   | 416                        |
| HAina Veldt TGLP  | 67                          | 19,200                  | 287                        | -                           | -                       | -                          | 52                          | 20,520                   | 395                        |
| NAta TGLP         | 7                           | 1,780                   | 254                        | -                           | -                       | -                          | 40                          | 16,716                   | 418                        |
| Lepasha TGLP      | 3                           | 1,700                   | 567                        | 1                           | 100                     | 100                        | 23                          | 9,675                    | 421                        |
| Barolong Farms    | 55                          | 64,680                  | 1,176                      | -                           | -                       | -                          | 13                          | 6,627                    | 510                        |
| Lethakane Farms   | -                           | -                       | -                          | -                           | -                       | -                          | 51                          | 17,130                   | 336                        |
| Total Commercial  | 886                         | 443,566                 | 501                        | 6                           | 1,460                   | 243                        | 1192                        | 552,992                  | 464                        |

TABLE 8.16: NUMBER OF FARM LABOURERS AND TOTAL EARNINGS (PULA) BY BLOCK

| BLOCK             | Number of<br>Farm Labourers | Total<br>Earnings (Pula) | Average<br>Earnings (Pula) |
|-------------------|-----------------------------|--------------------------|----------------------------|
| Tuli              | 165                         | 76,819                   | 466                        |
| Tati              | 227                         | 110,044                  | 485                        |
| Gantsi Freehold   | 374                         | 213,310                  | 570                        |
| Molopo Freehold   | 87                          | 35,489                   | 408                        |
| Gaborone Freehold | -                           | -                        | -                          |
| Pandamatenga      | 326                         | 151,869                  | 466                        |
| Lobatse Freehold  | 116                         | 54,827                   | 473                        |
| Sand Veldt TGLP   | 100                         | 42,120                   | 421                        |
| Ngwaketse TGLP    | 146                         | 60,482                   | 414                        |
| Kgalagadi TGLP    | 17                          | 6,230                    | 366                        |
| Kweneng TGLP      | 83                          | 36,560                   | 440                        |
| Gantsi TGLP       | 131                         | 52,140                   | 398                        |
| HAina Veldt TGLP  | 119                         | 39,720                   | 334                        |
| NAta TGLP         | 47                          | 18,496                   | 394                        |
| Lepasha TGLP      | 27                          | 11,475                   | 425                        |
| Barolong Farms    | 68                          | 71,307                   | 1,049                      |
| Lethakane Farms   | 51                          | 17,130                   | 336                        |
| Total Commercial  | 2,084                       | 998,018                  | 479                        |

TABLE 9.1: CATTLE HOLDINGS AND POPULATION BY WHETHER DAIRY OR BEEF

| BLOCK             | Cattle Holdings |                |                   | Total Cattle Holdings | Cattle Population |                  | Total Cattle Population |
|-------------------|-----------------|----------------|-------------------|-----------------------|-------------------|------------------|-------------------------|
|                   | Beef Holdings   | Dairy Holdings | Both Dairy & Beef |                       | Beef Population   | Dairy Population |                         |
| Tuli Block        | 42              | -              | -                 | 42                    | 9,942             | -                | 9,942                   |
| Tati Block        | 69              | 2              | 5                 | 76                    | 12,771            | 294              | 13,065                  |
| Gantsi Freehold   | 107             | -              | -                 | 107                   | 75,956            | -                | 75,956                  |
| Molopo Freehold   | 7               | -              | -                 | 7                     | 13,350            | -                | 13,350                  |
| Gaborone Freehold | -               | -              | -                 | -                     | -                 | -                | -                       |
| Pandamatenga      | 3               | 1              | 1                 | 5                     | 211               | 278              | 489                     |
| Lobatse Freehold  | 12              | -              | 2                 | 14                    | 2,832             | 115              | 2,947                   |
| Sand Veldt TGLP   | 25              | -              | 1                 | 26                    | 11,824            | 120              | 11,944                  |
| Ngwaketse TGLP    | 62              | -              | 1                 | 63                    | 19,743            | 20               | 19,763                  |
| Kgalagadi TGLP    | 17              | -              | -                 | 17                    | 2,767             | -                | 2,767                   |
| Kweneng TGLP      | 68              | -              | 1                 | 69                    | 8,859             | 44               | 8,903                   |
| Gantsi TGLP       | 156             | -              | -                 | 156                   | 30,639            | -                | 30,639                  |
| Haina Veldt TGLP  | 39              | 1              | 3                 | 43                    | 11,390            | 93               | 11,483                  |
| Nata TGLP         | 25              | -              | -                 | 25                    | 4,044             | -                | 4,044                   |
| Lepasha TGLP      | 15              | -              | -                 | 15                    | 2,314             | -                | 2,314                   |
| Barolong Farms    | 6               | 3              | 1                 | 10                    | 2,206             | 245              | 2,451                   |
| Lethakane Farms   | 20              | -              | -                 | 20                    | 4,836             | -                | 4,836                   |
| Total Commercial  | 673             | 7              | 15                | 695                   | 213,684           | 1,209            | 214,893                 |

TABLE 9.1A: CATTLE HOLDINGS AND POPULATION BY GENDER AND BLOCK

| BLOCK             | Cattle Holdings |                 | Company<br>Owned | Total Cattle<br>Holdings | Cattle Population |                 | Company<br>Owned | Total Cattle<br>Population | Average Number of<br>Cattle Per Holding |
|-------------------|-----------------|-----------------|------------------|--------------------------|-------------------|-----------------|------------------|----------------------------|-----------------------------------------|
|                   | Male<br>Owned   | Female<br>Owned |                  |                          | Male<br>Owned     | Female<br>Owned |                  |                            |                                         |
| Tuli Block        | 30              | 12              | -                | 42                       | 6,791             | 3,151           | -                | 9,942                      | 237                                     |
| Tati Block        | 67              | 8               | 1                | 76                       | 12,116            | 857             | 92               | 13,065                     | 172                                     |
| Gantsi Freehold   | 88              | 15              | 4                | 107                      | 63,326            | 5,460           | 7,170            | 75,956                     | 710                                     |
| Molopo Freehold   | 4               | -               | 3                | 7                        | 5,497             | -               | 7,853            | 13,350                     | 1,907                                   |
| Gaborone Freehold | -               | -               | -                | -                        | -                 | -               | -                | -                          | -                                       |
| Pandamatenga      | 5               | -               | -                | 5                        | 489               | -               | -                | 489                        | 98                                      |
| Lobatse Freehold  | 11              | 2               | 1                | 14                       | 2,524             | 187             | 236              | 2,947                      | 211                                     |
| Sand Veldt TGLP   | 21              | 4               | 1                | 26                       | 9,660             | 1,167           | 1,117            | 11,944                     | 459                                     |
| Ngwaketse TGLP    | 61              | 2               | -                | 63                       | 19,346            | 417             | -                | 19,763                     | 314                                     |
| Kgalagadi TGLP    | 15              | 2               | -                | 17                       | 2,508             | 259             | -                | 2,767                      | 163                                     |
| Kweneng TGLP      | 64              | 3               | 2                | 69                       | 8,020             | 446             | 437              | 8,903                      | 129                                     |
| Gantsi TGLP       | 133             | 23              | -                | 156                      | 28,526            | 2,113           | -                | 30,639                     | 196                                     |
| Haina Veldt TGLP  | 34              | 6               | 3                | 43                       | 9,694             | 1,018           | 771              | 11,483                     | 267                                     |
| Nata TGLP         | 22              | 2               | 1                | 25                       | 3,287             | 116             | 641              | 4,044                      | 162                                     |
| Lepasha TGLP      | 10              | 4               | 1                | 15                       | 1,832             | 398             | 84               | 2,314                      | 154                                     |
| Barolong Farms    | 3               | -               | 7                | 10                       | 869               | -               | 1,582            | 2,451                      | 245                                     |
| Letlhakane Farms  | 17              | 3               | -                | 20                       | 4,387             | 449             | -                | 4,836                      | 242                                     |
| Total Commercial  | 585             | 86              | 24               | 695                      | 178,872           | 16,038          | 19,983           | 214,893                    | 309                                     |

TABLE 9.1B: CATTLE HOLDINGS AND POPULATION BY GENDER AND CATTLE HERD SIZE

| Cattle<br>Herd Size | Cattle Holdings |                 | Company<br>Owned | Total Cattle<br>Holdings | Cattle Population |                 | Company<br>Owned | Total Cattle<br>Population | Average Number of<br>Cattle Per Holding |
|---------------------|-----------------|-----------------|------------------|--------------------------|-------------------|-----------------|------------------|----------------------------|-----------------------------------------|
|                     | Male<br>Owned   | Female<br>Owned |                  |                          | Male<br>Owned     | Female<br>Owned |                  |                            |                                         |
| 01 - 50             | 125             | 28              | 4                | 157                      | 31,817            | 2,292           | 3,775            | 37,884                     | 241                                     |
| 51 - 100            | 84              | 14              | 1                | 99                       | 19,038            | 2,217           | 641              | 21,896                     | 221                                     |
| 101 - 150           | 76              | 6               | 2                | 84                       | 16,687            | 1,013           | 339              | 18,039                     | 215                                     |
| 151 - 200           | 59              | 6               | 1                | 66                       | 13,824            | 1,659           | 167              | 15,650                     | 237                                     |
| 201 - 300           | 74              | 10              | 5                | 89                       | 24,464            | 2,034           | 2,437            | 28,935                     | 325                                     |
| 301 - 400           | 45              | 5               | 1                | 51                       | 13,516            | 844             | 663              | 15,023                     | 295                                     |
| 401 - 500           | 36              | 3               | 4                | 43                       | 12,051            | 433             | 4,890            | 17,374                     | 404                                     |
| 501 - 1000          | 61              | 10              | 3                | 74                       | 28,954            | 4,102           | 3,664            | 36,720                     | 496                                     |
| 1001 - 1500         | 14              | 3               | -                | 17                       | 8,565             | 1,350           | -                | 9,915                      | 583                                     |
| 1501 +              | 11              | 1               | 3                | 15                       | 9,956             | 94              | 3,407            | 13,457                     | 897                                     |
| Total Commercial    | 585             | 86              | 24               | 695                      | 178,872           | 16,038          | 19,983           | 214,893                    | 309                                     |

TABLE 9.2A: CATTLE HERD COMPOSITION BY BLOCK

| BLOCK             | Bulls | Oxen   | Cows   | Heifers | Tollies | Bullocks | Calves | Total Cattle |
|-------------------|-------|--------|--------|---------|---------|----------|--------|--------------|
| Tuli Block        | 309   | 612    | 4,550  | 1,473   | 659     | 60       | 2,279  | 9,942        |
| Tati Block        | 330   | 1,209  | 6,015  | 1,798   | 968     | 56       | 2,689  | 13,065       |
| Gantsi Freehold   | 1,411 | 7,397  | 32,495 | 12,291  | 8,313   | 323      | 13,726 | 75,956       |
| Molopo Freehold   | 248   | 1,770  | 3,795  | 2,268   | 2,688   | 27       | 2,554  | 13,350       |
| Gaborone Freehold | -     | -      | -      | -       | -       | -        | -      | -            |
| Pandamatenga      | 2     | -      | 276    | 70      | 21      | 2        | 118    | 489          |
| Lobatse Freehold  | 70    | 214    | 1,250  | 350     | 314     | 93       | 656    | 2,947        |
| Sand Veldt TGLP   | 272   | 572    | 5,599  | 2,012   | 1,170   | 78       | 2,241  | 11,944       |
| Ngwaketse TGLP    | 310   | 776    | 9,580  | 2,915   | 2,568   | 119      | 3,495  | 19,763       |
| Kgalagadi TGLP    | 40    | 217    | 1,156  | 389     | 225     | 1        | 739    | 2,767        |
| Kweneng TGLP      | 140   | 1,025  | 3,870  | 1,179   | 593     | 58       | 2,038  | 8,903        |
| Gantsi TGLP       | 508   | 974    | 14,907 | 5,153   | 3,208   | 448      | 5,441  | 30,639       |
| Haina Veldt TGLP  | 222   | 675    | 5,414  | 1,509   | 1,278   | 69       | 2,316  | 11,483       |
| Nata TGLP         | 71    | 453    | 1,739  | 465     | 323     | 22       | 971    | 4,044        |
| Lepasha TGLP      | 49    | 112    | 1,026  | 271     | 210     | 111      | 535    | 2,314        |
| Barolong Farms    | 179   | 43     | 984    | 288     | 226     | 206      | 525    | 2,451        |
| Letlhakane Farms  | 96    | 270    | 2,555  | 581     | 397     | 40       | 897    | 4,836        |
| Total Commercial  | 4,257 | 16,319 | 95,211 | 33,012  | 23,161  | 1,713    | 41,220 | 214,893      |

TABLE 9.2B: CATTLE HERD COMPOSITION BY CATTLE HERD SIZE

| Cattle Herd Size | Bulls | Oxen   | Cows   | Heifers | Tollies | Bullocks | Calves | Total Cattle |
|------------------|-------|--------|--------|---------|---------|----------|--------|--------------|
| 01 - 50          | 625   | 3,814  | 15,895 | 5,708   | 4,541   | 358      | 6,943  | 37,884       |
| 51 - 100         | 424   | 1,363  | 9,280  | 4,004   | 2,543   | 240      | 4,042  | 21,896       |
| 101 - 150        | 309   | 1,006  | 8,457  | 2,960   | 1,629   | 130      | 3,548  | 18,039       |
| 151 - 200        | 368   | 827    | 7,199  | 2,526   | 1,467   | 122      | 3,141  | 15,650       |
| 201 - 300        | 575   | 2,607  | 12,891 | 4,313   | 2,666   | 211      | 5,672  | 28,935       |
| 301 - 400        | 228   | 696    | 7,226  | 2,025   | 1,669   | 141      | 3,038  | 15,023       |
| 401 - 500        | 472   | 1,574  | 7,149  | 2,318   | 2,714   | 169      | 2,978  | 17,374       |
| 501 - 1000       | 809   | 2,885  | 16,610 | 5,914   | 3,289   | 230      | 6,983  | 36,720       |
| 1001 - 1500      | 254   | 627    | 4,708  | 1,421   | 1,060   | 95       | 1,750  | 9,915        |
| 1501 +           | 193   | 920    | 5,796  | 1,823   | 1,583   | 17       | 3,125  | 13,457       |
| Total Commercial | 4,257 | 16,319 | 95,211 | 33,012  | 23,161  | 1,713    | 41,220 | 214,893      |

TABLE 9.3A: CATTLE INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY BLOCK

| BLOCK             | Sales  | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses | Eradication |
|-------------------|--------|---------------------|-----------|---------|--------|--------|------------|--------|-------------|
| Tuli Block        | 2,326  | 50                  | 247       | 2,129   | 2,708  | 514    | 25         | 249    | 1           |
| Tati Block        | 4,266  | 138                 | 2,165     | 2,239   | 3,321  | 831    | 43         | 256    | 32          |
| Gantsi Freehold   | 11,200 | 212                 | 2,059     | 9,353   | 16,367 | 3,214  | 162        | 505    | 28          |
| Molopo Freehold   | 2,606  | 20                  | 774       | 1,852   | 1,952  | 116    | 2          | 89     | 2           |
| Gaborone Freehold | -      | -                   | -         | -       | -      | -      | -          | -      | -           |
| Pandamatenga      | 57     | 3                   | -         | 60      | 142    | 33     | -          | -      | -           |
| Lobatse Freehold  | 1,586  | 15                  | 1,189     | 412     | 840    | 201    | 4          | 100    | 2           |
| Sand Veldt TGLP   | 1,179  | 32                  | 125       | 1,086   | 2,456  | 466    | 10         | 143    | -           |
| Ngwaketse TGLP    | 1,676  | 73                  | 378       | 1,371   | 3,663  | 861    | 54         | 340    | 2           |
| Kgalagadi TGLP    | 226    | 29                  | 7         | 248     | 819    | 229    | 25         | 76     | -           |
| Kweneng TGLP      | 1,357  | 55                  | 629       | 783     | 2,387  | 579    | 110        | 554    | 10          |
| Gantsi TGLP       | 3,271  | 206                 | 257       | 3,220   | 6,480  | 1,785  | 175        | 1,016  | -           |
| Haina Veldt TGLP  | 1,236  | 120                 | 103       | 1,253   | 2,525  | 528    | 18         | 360    | 3           |
| Nata TGLP         | 532    | 4                   | 17        | 519     | 1,089  | 181    | 1          | 82     | 3           |
| Lepasha TGLP      | 372    | 7                   | 16        | 363     | 578    | 66     | 6          | 71     | -           |
| Barolong Farms    | 3,113  | 4                   | 1,873     | 1,244   | 682    | 176    | -          | 136    | -           |
| Lethakane Farms   | 314    | 32                  | 56        | 290     | 1,007  | 458    | 10         | 619    | 120         |
| Total Commercial  | 35,317 | 1,000               | 9,895     | 26,422  | 47,016 | 10,238 | 645        | 4,596  | 203         |

TABLE 9.3B: PERCENTAGE: CATTLE INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY BLOCK

| BLOCK             | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses | Eradication |
|-------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|-------------|
| Tuli Block        | 23.4  | 0.5                 | 2.5       | 21.4    | 59.5   | 5.2    | 0.3        | 2.5    | 0.0         |
| Tati Block        | 32.7  | 1.1                 | 16.6      | 17.1    | 55.2   | 6.4    | 0.3        | 2.0    | 0.2         |
| Gantsi Freehold   | 14.7  | 0.3                 | 2.7       | 12.3    | 50.4   | 4.2    | 0.2        | 0.7    | 0.0         |
| Molopo Freehold   | 19.5  | 0.1                 | 5.8       | 13.9    | 51.4   | 0.9    | 0.0        | 0.7    | 0.0         |
| Gaborone Freehold | -     | -                   | -         | -       | -      | -      | -          | -      | -           |
| Pandamatenga      | 11.7  | 0.6                 | -         | 12.3    | 51.4   | 6.7    | -          | -      | -           |
| Lobatse Freehold  | 53.8  | 0.5                 | 40.3      | 14.0    | 67.2   | 6.8    | 0.1        | 3.4    | 0.1         |
| Sand Veldt TGLP   | 9.9   | 0.3                 | 1.0       | 9.1     | 43.9   | 3.9    | 0.1        | 1.2    | -           |
| Ngwaketse TGLP    | 8.5   | 0.4                 | 1.9       | 6.9     | 38.2   | 4.4    | 0.3        | 1.7    | 0.0         |
| Kgalagadi TGLP    | 8.2   | 1.0                 | 0.3       | 9.0     | 70.8   | 8.3    | 0.9        | 2.7    | -           |
| Kweneng TGLP      | 15.2  | 0.6                 | 7.1       | 8.8     | 61.7   | 6.5    | 1.2        | 6.2    | 0.1         |
| Gantsi TGLP       | 10.7  | 0.7                 | 0.8       | 10.5    | 43.5   | 5.8    | 0.6        | 3.3    | -           |
| Haina Veldt TGLP  | 10.8  | 1.0                 | 0.9       | 10.9    | 46.6   | 4.6    | 0.2        | 3.1    | 0.0         |
| Nata TGLP         | 13.2  | 0.1                 | 0.4       | 12.8    | 62.6   | 4.5    | 0.0        | 2.0    | 0.1         |
| Lepasha TGLP      | 16.1  | 0.3                 | 0.7       | 15.7    | 56.3   | 2.9    | 0.3        | 3.1    | -           |
| Barolong Farms    | 127.0 | 0.2                 | 76.4      | 50.8    | 69.3   | 7.2    | -          | 5.5    | -           |
| Lethakane Farms   | 6.5   | 0.7                 | 1.2       | 6.0     | 39.4   | 9.5    | 0.2        | 12.8   | 2.5         |
| Total Commercial  | 16.4  | 0.5                 | 4.6       | 12.3    | 49.4   | 4.8    | 0.3        | 2.1    | 0.1         |

TABLE 9.3C CATTLE INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY CATTLE HERD SIZE

| Cattle Herd Size | Sales  | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses | Eradication |
|------------------|--------|---------------------|-----------|---------|--------|--------|------------|--------|-------------|
| 01 - 50          | 4,276  | 231                 | 293       | 4,214   | 7,856  | 1,819  | 137        | 793    | 3           |
| 51 - 100         | 3,144  | 110                 | 632       | 2,622   | 4,736  | 1,153  | 120        | 523    | 5           |
| 101 - 150        | 3,505  | 109                 | 1,122     | 2,492   | 4,156  | 909    | 57         | 620    | 5           |
| 151 - 200        | 2,508  | 87                  | 846       | 1,749   | 3,805  | 835    | 111        | 875    | 129         |
| 201 - 300        | 4,881  | 158                 | 1,479     | 3,560   | 5,859  | 1,168  | 57         | 664    | 29          |
| 301 - 400        | 1,535  | 59                  | 69        | 1,525   | 3,304  | 735    | 19         | 313    | 3           |
| 401 - 500        | 3,266  | 55                  | 1,983     | 1,338   | 3,423  | 921    | 15         | 101    | -           |
| 501 - 1000       | 5,730  | 111                 | 419       | 5,422   | 9,098  | 1,946  | 66         | 461    | 26          |
| 1001 - 1500      | 1,399  | 24                  | 170       | 1,253   | 1,413  | 408    | 31         | 44     | 1           |
| 1501 +           | 5,073  | 56                  | 2,882     | 2,247   | 3,366  | 344    | 32         | 202    | 2           |
| Total Commercial | 35,317 | 1,000               | 9,895     | 26,422  | 47,016 | 10,238 | 645        | 4,596  | 203         |

TABLE 9.3D PERCENTAGE: CATTLE INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY CATTLE HERD SIZE

| Cattle Herd Size | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses | Eradication |
|------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|-------------|
| 01 - 50          | 11.3  | 0.6                 | 0.8       | 11.1    | 49.4   | 4.8    | 0.4        | 2.1    | 0.0         |
| 51 - 100         | 14.4  | 0.5                 | 2.9       | 12.0    | 51.0   | 5.3    | 0.5        | 2.4    | 0.0         |
| 101 - 150        | 19.4  | 0.6                 | 6.2       | 13.8    | 49.1   | 5.0    | 0.3        | 3.4    | 0.0         |
| 151 - 200        | 16.0  | 0.6                 | 5.4       | 11.2    | 52.9   | 5.3    | 0.7        | 5.6    | 0.8         |
| 201 - 300        | 16.9  | 0.5                 | 5.1       | 12.3    | 45.5   | 4.0    | 0.2        | 2.3    | 0.1         |
| 301 - 400        | 10.2  | 0.4                 | 0.5       | 10.2    | 45.7   | 4.9    | 0.1        | 2.1    | 0.0         |
| 401 - 500        | 18.8  | 0.3                 | 11.4      | 7.7     | 47.9   | 5.3    | 0.1        | 0.6    | -           |
| 501 - 1000       | 15.6  | 0.3                 | 1.1       | 14.8    | 54.8   | 5.3    | 0.2        | 1.3    | 0.1         |
| 1001 - 1500      | 14.1  | 0.2                 | 1.7       | 12.6    | 30.0   | 4.1    | 0.3        | 0.4    | 0.0         |
| 1501 +           | 37.7  | 0.4                 | 21.4      | 16.7    | 58.1   | 2.6    | 0.2        | 1.5    | 0.0         |
| Total Commercial | 16.4  | 0.5                 | 4.6       | 12.3    | 49.4   | 4.8    | 0.3        | 2.1    | 0.1         |

TABLE 9.4: CATTLE SALES BY VARIOUS BUYER AND BLOCK

| BLOCK             | BMC Direct | BMC Agent | Auction Sale | Municipal<br>Abattoir | Another Farmer | Village<br>Abattoir | Trader | Butcher | Feedlot | Total Sales |
|-------------------|------------|-----------|--------------|-----------------------|----------------|---------------------|--------|---------|---------|-------------|
| Tuli Block        | 342        | 70        | 300          | 643                   | 65             | 3                   | 290    | 442     | 171     | 2,326       |
| Tati Block        | 172        | 60        | -            | 18                    | 304            | -                   | 30     | 3,064   | 618     | 4,266       |
| Gantsi Freehold   | 4,196      | 1,147     | 54           | -                     | 689            | -                   | 39     | 586     | 4,489   | 11,200      |
| Molopo Freehold   | 900        | -         | -            | -                     | 80             | -                   | -      | 1,030   | 596     | 2,606       |
| Gaborone Freehold | -          | -         | -            | -                     | -              | -                   | -      | -       | -       | -           |
| Pandamatenga      | -          | -         | -            | -                     | 4              | -                   | -      | 53      | -       | 57          |
| Lobatse Freehold  | 23         | 40        | 183          | -                     | 99             | -                   | 1      | 1,030   | 210     | 1,586       |
| Sand Veldt TGLP   | 572        | 81        | -            | 50                    | 189            | -                   | 40     | 247     | -       | 1,179       |
| Ngwaketse TGLP    | 760        | -         | 2            | 33                    | 486            | 32                  | 2      | 316     | 45      | 1,676       |
| Kgalagadi TGLP    | 124        | 34        | -            | -                     | 34             | -                   | 4      | 22      | 8       | 226         |
| Kweneng TGLP      | 523        | 18        | 159          | 44                    | 190            | -                   | 23     | 384     | 16      | 1,357       |
| Gantsi TGLP       | 1,654      | 399       | 193          | -                     | 151            | -                   | 369    | 333     | 172     | 3,271       |
| Haina Veldt TGLP  | 686        | -         | -            | 22                    | 180            | 3                   | -      | 345     | -       | 1,236       |
| Nata TGLP         | 316        | -         | -            | -                     | 207            | -                   | -      | 9       | -       | 532         |
| Lepasha TGLP      | 89         | 15        | -            | -                     | 57             | -                   | 2      | 209     | -       | 372         |
| Barolong Farms    | 451        | -         | 614          | 20                    | 9              | -                   | -      | 480     | 1,539   | 3,113       |
| Lethakane Farms   | 281        | -         | -            | -                     | 33             | -                   | -      | -       | -       | 314         |
| Total Commercial  | 11,089     | 1,864     | 1,505        | 830                   | 2,777          | 38                  | 800    | 8,550   | 7,864   | 35,317      |



TABLE 9.5: CATTLE REVENUE RECEIVED (PULA) BY VARIOUS BUYER AND BLOCK

| BLOCK             | BMC Direct | BMC Agent | Auction Sale | Municipal<br>Abattoir | Another Farmer | Village<br>Abattoir | Trader  | Butcher    | Feedlot   | Total Revenue |
|-------------------|------------|-----------|--------------|-----------------------|----------------|---------------------|---------|------------|-----------|---------------|
| Tuli Block        | 330,658    | 72,960    | 356,000      | 870,000               | 80,000         | 4,000               | 302,949 | 581,002    | 171,000   | 2,768,569     |
| Tati Block        | 170,600    | 54,000    | -            | 25,000                | 448,050        | -                   | 45,000  | 4,725,715  | 748,800   | 6,217,165     |
| Gantsi Freehold   | 6,719,752  | 1,571,335 | 43,302       | -                     | 656,800        | -                   | 39,734  | 764,825    | 4,658,359 | 14,454,107    |
| Molopo Freehold   | 1,310,000  | -         | -            | -                     | 160,000        | -                   | -       | 1,142,000  | 716,500   | 3,328,500     |
| Gaborone Freehold | -          | -         | -            | -                     | -              | -                   | -       | -          | -         | -             |
| Pandamatenga      | -          | -         | -            | -                     | 4,400          | -                   | -       | 64,000     | -         | 68,400        |
| Lobatse Freehold  | 37,000     | 58,000    | 200,000      | -                     | 117,610        | -                   | 7,000   | 1,593,150  | 258,000   | 2,270,760     |
| Sand Veldt TGLP   | 712,280    | 99,000    | -            | 80,000                | 249,076        | -                   | 40,000  | 250,152    | -         | 1,430,508     |
| Ngwaketse TGLP    | 1,052,466  | -         | 8,000        | 47,000                | 503,156        | 38,400              | 2,800   | 399,777    | 50,000    | 2,101,599     |
| Kgalagadi TGLP    | 138,856    | 39,200    | -            | -                     | 29,000         | -                   | 2,800   | 21,800     | 6,800     | 238,456       |
| Kweneng TGLP      | 1,065,173  | 14,886    | 200,941      | 84,105                | 248,628        | -                   | 18,900  | 455,690    | 20,900    | 2,109,223     |
| Gantsi TGLP       | 1,793,191  | 341,565   | 200,000      | -                     | 171,189        | -                   | 364,100 | 460,800    | 171,020   | 3,501,865     |
| Haina Veldt TGLP  | 956,062    | -         | -            | 33,000                | 206,050        | 4,200               | -       | 385,860    | -         | 1,585,172     |
| Nata TGLP         | 419,800    | -         | -            | -                     | 218,300        | -                   | -       | 9,500      | -         | 647,600       |
| Lepasha TGLP      | 100,000    | 19,500    | -            | -                     | 129,000        | -                   | 2,250   | 258,200    | -         | 508,950       |
| Barolong Farms    | 533,319    | -         | 597,770      | 25,000                | 18,000         | -                   | -       | 672,000    | 1,638,896 | 3,484,985     |
| Lethakane Farms   | 386,720    | -         | -            | -                     | 43,800         | -                   | -       | -          | -         | 430,520       |
| Total Commercial  | 15,725,876 | 2,270,446 | 1,606,013    | 1,164,105             | 3,283,059      | 46,600              | 825,533 | 11,784,471 | 8,440,275 | 45,146,379    |

TABLE 9.6 CATTLE AVERAGE PRICES (PULA) BY VARIOUS BUYER AND BLOCK

| BLOCK             | BMC Direct | BMC Agent | Auction Sale | Municipal<br>Abattoir | Another Farmer | Village<br>Abattoir | Trader | Butcher | Feedlot | Total Sales |
|-------------------|------------|-----------|--------------|-----------------------|----------------|---------------------|--------|---------|---------|-------------|
| Tuli Block        | 967        | 1,042     | 1,187        | 1,353                 | 1,231          | 1,333               | 1,045  | 1,314   | 1,000   | 1,190       |
| Tati Block        | 992        | 900       | -            | 1,389                 | 1,474          | -                   | 1,500  | 1,542   | 1,212   | 1,457       |
| Gantsi Freehold   | 1,601      | 1,370     | 802          | -                     | 953            | -                   | 1,019  | 1,305   | 1,038   | 1,291       |
| Molopo Freehold   | 1,456      | -         | -            | -                     | 2,000          | -                   | -      | 1,109   | 1,202   | 1,277       |
| Gaborone Freehold | -          | -         | -            | -                     | -              | -                   | -      | -       | -       | -           |
| Pandamatenga      | -          | -         | -            | -                     | 1,100          | -                   | -      | 1,208   | -       | 1,200       |
| Lobatse Freehold  | 1,609      | 1,450     | 1,093        | -                     | 1,188          | -                   | 7,000  | 1,547   | 1,229   | 1,432       |
| Sand Veldt TGLP   | 1,245      | 1,222     | -            | 1,600                 | 1,318          | -                   | 1,000  | 1,013   | -       | 1,213       |
| Ngwaketse TGLP    | 1,385      | -         | 4,000        | 1,424                 | 1,035          | 1,200               | 1,400  | 1,265   | 1,111   | 1,254       |
| Kgalagadi TGLP    | 1,120      | 1,153     | -            | -                     | 853            | -                   | 700    | 991     | 850     | 1,055       |
| Kweneng TGLP      | 2,037      | 827       | 1,264        | 1,911                 | 1,309          | -                   | 822    | 1,187   | 1,306   | 1,554       |
| Gantsi TGLP       | 1,084      | 856       | 1,036        | -                     | 1,134          | -                   | 987    | 1,384   | 994     | 1,071       |
| Haina Veldt TGLP  | 1,394      | -         | -            | 1,500                 | 1,145          | 1,400               | -      | 1,118   | -       | 1,283       |
| Nata TGLP         | 1,328      | -         | -            | -                     | 1,055          | -                   | -      | 1,056   | -       | 1,217       |
| Lepasha TGLP      | 1,124      | 1,300     | -            | -                     | 2,263          | -                   | 1,125  | 1,235   | -       | 1,368       |
| Barolong Farms    | 1,183      | -         | 974          | 1,250                 | 2,000          | -                   | -      | 1,400   | 1,065   | 1,119       |
| Lethakane Farms   | 1,376      | -         | -            | -                     | 1,327          | -                   | -      | -       | -       | 1,371       |
| Total Commercial  | 1,418      | 1,218     | 1,067        | 1,403                 | 1,182          | 1,226               | 1,032  | 1,378   | 1,073   | 1,278       |

TABLE 9.7: CATTLE SALES AND REVENUE RECEIVED (PULA) BY BLOCK

| BLOCK             | Holdings Selling Cattle |            | Total Cattle Sales |            | Total Revenue<br>Received (Pula) | Total Revenue<br>Per Holding (Pula) | Average Price<br>Per Head (Pula) |
|-------------------|-------------------------|------------|--------------------|------------|----------------------------------|-------------------------------------|----------------------------------|
|                   | Number                  | Percentage | Number             | Percentage |                                  |                                     |                                  |
| Tuli Block        | 36                      | 6.6        | 2,326              | 6.6        | 2,768,569                        | 76,905                              | 1,190                            |
| Tati Block        | 56                      | 10.3       | 4,266              | 12.1       | 6,217,165                        | 111,021                             | 1,457                            |
| Gantsi Freehold   | 78                      | 14.4       | 11,200             | 31.7       | 9,999,445                        | 128,198                             | 893                              |
| Molopo Freehold   | 7                       | 1.3        | 2,606              | 7.4        | 3,328,500                        | 475,500                             | 1,277                            |
| Gaborone Freehold | -                       | -          | -                  | -          | -                                | -                                   | -                                |
| Pandamatenga      | 3                       | 0.6        | 57                 | 0.2        | 68,400                           | 22,800                              | 1,200                            |
| Lobatse Freehold  | 11                      | 2.0        | 1,586              | 4.5        | 2,270,760                        | 206,433                             | 1,432                            |
| Sand Veldt TGLP   | 18                      | 3.3        | 1,179              | 3.3        | 1,430,508                        | 79,473                              | 1,213                            |
| Ngwaketse TGLP    | 53                      | 9.8        | 1,676              | 4.7        | 2,101,599                        | 39,653                              | 1,254                            |
| Kgalagadi TGLP    | 14                      | 2.6        | 226                | 0.6        | 238,456                          | 17,033                              | 1,055                            |
| Kweneng TGLP      | 59                      | 10.9       | 1,357              | 3.8        | 2,109,223                        | 35,750                              | 1,554                            |
| Gantsi TGLP       | 128                     | 23.6       | 3,271              | 9.3        | 3,501,865                        | 27,358                              | 1,071                            |
| Haina Veldt TGLP  | 36                      | 6.6        | 1,236              | 3.5        | 1,585,172                        | 44,033                              | 1,283                            |
| Nata TGLP         | 15                      | 2.8        | 532                | 1.5        | 647,600                          | 43,173                              | 1,217                            |
| Lepasha TGLP      | 8                       | 1.5        | 372                | 1.1        | 508,950                          | 63,619                              | 1,368                            |
| Barolong Farms    | 5                       | 0.9        | 3,113              | 8.8        | 3,484,985                        | 696,997                             | 1,119                            |
| Lethakane Farms   | 15                      | 2.8        | 314                | 0.9        | 430,520                          | 28,701                              | 1,371                            |
| Total Commercial  | 542                     | 100.0      | 35,317             | 100.0      | 40,691,717                       | 75,077                              | 1,152                            |

TABLE 9.8: CATTLE PURCHASES AND COST INCURRED (PULA) BY BLOCK

| BLOCK             | Holdings Purchasing Cattle |            | Total Cattle Purchases |            | Total Costs Incurred (Pula) | Total Cost Per Holding (Pula) | Average Cost Per Head (Pula) |
|-------------------|----------------------------|------------|------------------------|------------|-----------------------------|-------------------------------|------------------------------|
|                   | Number                     | Percentage | Number                 | Percentage |                             |                               |                              |
| Tuli Block        | 5                          | 3.3        | 247                    | 2.5        | 302,000                     | 60,400                        | 1,223                        |
| Tati Block        | 19                         | 12.5       | 2,165                  | 21.9       | 3,345,400                   | 176,074                       | 1,545                        |
| Gantsi Freehold   | 30                         | 19.7       | 2,059                  | 20.8       | 3,474,057                   | 115,802                       | 1,687                        |
| Molopo Freehold   | 4                          | 2.6        | 774                    | 7.8        | 600,700                     | 150,175                       | 776                          |
| Gaborone Freehold | -                          | -          | -                      | -          | -                           | -                             | -                            |
| Pandamatenga      | -                          | -          | -                      | -          | -                           | -                             | -                            |
| Lobatse Freehold  | 6                          | 3.9        | 1,189                  | 12.0       | 699,500                     | 116,583                       | 588                          |
| Sand Veldt TGLP   | 5                          | 3.3        | 125                    | 1.3        | 67,730                      | 13,546                        | 542                          |
| Ngwaketse TGLP    | 10                         | 6.6        | 378                    | 3.8        | 696,575                     | 69,658                        | 1,843                        |
| Kgalagadi TGLP    | 2                          | 1.3        | 7                      | 0.1        | 25,800                      | 12,900                        | 3,686                        |
| Kweneng TGLP      | 17                         | 11.2       | 629                    | 6.4        | 1,012,724                   | 59,572                        | 1,610                        |
| Gantsi TGLP       | 33                         | 21.7       | 257                    | 2.6        | 273,636                     | 8,292                         | 1,065                        |
| Haina Veldt TGLP  | 7                          | 4.6        | 103                    | 1.0        | 109,350                     | 15,621                        | 1,062                        |
| Nata TGLP         | 3                          | 2.0        | 17                     | 0.2        | 19,842                      | 6,614                         | 1,167                        |
| Lepasha TGLP      | 4                          | 2.6        | 16                     | 0.2        | 48,000                      | 12,000                        | 3,000                        |
| Barolong Farms    | 3                          | 2.0        | 1,873                  | 18.9       | 1,844,425                   | 614,808                       | 985                          |
| Lethakane Farms   | 4                          | 2.6        | 56                     | 0.6        | 129,600                     | 32,400                        | 2,314                        |
| Total Commercial  | 152                        | 100.0      | 9,895                  | 100.0      | 12,649,339                  | 83,219                        | 1,278                        |

TABLE 9.9 CATTLE HOLDINGS BY CATTLE BREEDING METHOD AND BLOCK

| BLOCK             | Artificial<br>Insemination | Bull<br>Service | Both | Total<br>Cattle Holdings |
|-------------------|----------------------------|-----------------|------|--------------------------|
| Tuli              | -                          | 42              | -    | 42                       |
| Tati              | 3                          | 71              | 2    | 76                       |
| Gantsi Freehold   | 3                          | 96              | 8    | 107                      |
| Molopo Freehold   | -                          | 6               | 1    | 7                        |
| Gaborone Freehold | -                          | -               | -    | -                        |
| Pandamatenga      | 4                          | 1               | -    | 5                        |
| Lobatse Freehold  | 1                          | 13              | -    | 14                       |
| Sand Veldt TGLP   | -                          | 26              | -    | 26                       |
| Ngwaketse TGLP    | -                          | 60              | 3    | 63                       |
| Kgalagadi TGLP    | 1                          | 16              | -    | 17                       |
| Kweneng TGLP      | 1                          | 64              | 4    | 69                       |
| Gantsi TGLP       | -                          | 152             | 4    | 156                      |
| HAina Veldt TGLP  | 1                          | 42              | -    | 43                       |
| NAta TGLP         | -                          | 25              | -    | 25                       |
| Lepasha TGLP      | -                          | 15              | -    | 15                       |
| Barolong Farms    | 2                          | 5               | 3    | 10                       |
| Letlhakane Farms  | -                          | 20              | -    | 20                       |
| Total Commercial  | 16                         | 654             | 25   | 695                      |

TABLE 9.10A: BEEF CATTLE HOLDINGS AND POPULATION BY GENDER AND BLOCK

| BLOCK             | Cattle Holdings |                 |                  |                          | Cattle Population |                 |                  |                            | Average Number<br>of Cattle Per Holding |
|-------------------|-----------------|-----------------|------------------|--------------------------|-------------------|-----------------|------------------|----------------------------|-----------------------------------------|
|                   | Male<br>Owned   | Female<br>Owned | Company<br>Owned | Total Cattle<br>Holdings | Male<br>Owned     | Female<br>Owned | Company<br>Owned | Total Cattle<br>Population |                                         |
| Tuli Block        | 30              | 12              | -                | 42                       | 6,791             | 3,151           | -                | 9,942                      | 237                                     |
| Tati Block        | 66              | 8               | -                | 74                       | 11,922            | 849             | -                | 12,771                     | 173                                     |
| Gantsi Freehold   | 88              | 15              | 4                | 107                      | 63,326            | 5,460           | 7,170            | 75,956                     | 710                                     |
| Molopo Freehold   | 4               | -               | 3                | 7                        | 5,497             | -               | 7,853            | 13,350                     | 1,907                                   |
| Gaborone Freehold | -               | -               | -                | -                        | -                 | -               | -                | -                          | -                                       |
| Pandamatenga      | 4               | -               | -                | 4                        | 211               | -               | -                | 211                        | 53                                      |
| Lobatse Freehold  | 11              | 2               | 1                | 14                       | 2,497             | 187             | 148              | 2,832                      | 202                                     |
| Sand Veldt TGLP   | 21              | 4               | 1                | 26                       | 9,540             | 1,167           | 1,117            | 11,824                     | 455                                     |
| Ngwaketse TGLP    | 61              | 2               | -                | 63                       | 19,326            | 417             | -                | 19,743                     | 313                                     |
| Kgalagadi TGLP    | 15              | 2               | -                | 17                       | 2,508             | 259             | -                | 2,767                      | 163                                     |
| Kweneng TGLP      | 64              | 3               | 2                | 69                       | 7,976             | 446             | 437              | 8,859                      | 128                                     |
| Gantsi TGLP       | 133             | 23              | -                | 156                      | 28,526            | 2,113           | -                | 30,639                     | 196                                     |
| Haina Veldt TGLP  | 34              | 5               | 3                | 42                       | 9,630             | 1,002           | 758              | 11,390                     | 271                                     |
| Nata TGLP         | 22              | 2               | 1                | 25                       | 3,287             | 116             | 641              | 4,044                      | 162                                     |
| Lepasha TGLP      | 10              | 4               | 1                | 15                       | 1,832             | 398             | 84               | 2,314                      | 154                                     |
| Barolong Farms    | 2               | -               | 5                | 7                        | 747               | -               | 1,459            | 2,206                      | 315                                     |
| Letlhakane Farms  | 17              | 3               | -                | 20                       | 4,387             | 449             | -                | 4,836                      | 242                                     |
| Total Commercial  | 582             | 85              | 21               | 688                      | 178,003           | 16,014          | 19,667           | 213,684                    | 311                                     |

TABLE 9.10B: BEEF CATTLE HOLDINGS AND POPULATION BY GENDER AND BEEF CATTLE HERD SIZE

| Beef Cattle<br>Herd Size | Cattle Holdings |                 |                  |                          | Cattle Population |                 |                  |                            | Average Number<br>of Cattle Per Holding |
|--------------------------|-----------------|-----------------|------------------|--------------------------|-------------------|-----------------|------------------|----------------------------|-----------------------------------------|
|                          | Male<br>Owned   | Female<br>Owned | Company<br>Owned | Total Cattle<br>Holdings | Male<br>Owned     | Female<br>Owned | Company<br>Owned | Total Cattle<br>Population |                                         |
| 01 - 50                  | 128             | 24              | 2                | 154                      | 3,583             | 452             | 39               | 4,074                      | 26                                      |
| 51 - 100                 | 87              | 13              | 2                | 102                      | 6,398             | 925             | 143              | 7,466                      | 73                                      |
| 101 - 150                | 68              | 11              | 2                | 81                       | 8,416             | 1,292           | 259              | 9,967                      | 123                                     |
| 151 - 200                | 55              | 8               | 1                | 64                       | 9,695             | 1,370           | 154              | 11,219                     | 175                                     |
| 201 - 300                | 72              | 14              | 3                | 89                       | 17,578            | 3,533           | 846              | 21,957                     | 247                                     |
| 301 - 400                | 44              | 6               | 2                | 52                       | 15,492            | 2,050           | 680              | 18,222                     | 350                                     |
| 401 - 500                | 38              | 3               | 2                | 43                       | 16,952            | 1,324           | 846              | 19,122                     | 445                                     |
| 501 - 1000               | 67              | 4               | 2                | 73                       | 45,691            | 2,548           | 1,304            | 49,543                     | 679                                     |
| 1001 - 1500              | 13              | 2               | 1                | 16                       | 15,493            | 2,520           | 1,117            | 19,130                     | 1,196                                   |
| 1501 +                   | 10              | -               | 4                | 14                       | 38,705            | -               | 14,279           | 52,984                     | 3,785                                   |
| Total Commercial         | 582             | 85              | 21               | 688                      | 178,003           | 16,014          | 19,667           | 213,684                    | 311                                     |

TABLE 9.11A: BEEF CATTLE HERD COMPOSITION BY BLOCK

| BLOCK             | Bulls | Oxen   | Cows   | Heifers | Tollies | Bullocks | Calves | Total Cattle |
|-------------------|-------|--------|--------|---------|---------|----------|--------|--------------|
| Tuli Block        | 309   | 612    | 4,550  | 1,473   | 659     | 60       | 2,279  | 9,942        |
| Tati Block        | 324   | 1,209  | 5,835  | 1,759   | 961     | 40       | 2,643  | 12,771       |
| Gantsi Freehold   | 1,411 | 7,397  | 32,495 | 12,291  | 8,313   | 323      | 13,726 | 75,956       |
| Molopo Freehold   | 248   | 1,770  | 3,795  | 2,268   | 2,688   | 27       | 2,554  | 13,350       |
| Gaborone Freehold | -     | -      | -      | -       | -       | -        | -      | -            |
| Pandamatenga      | -     | -      | 123    | 15      | 12      | 2        | 59     | 211          |
| Lobatse Freehold  | 68    | 214    | 1,175  | 337     | 314     | 82       | 642    | 2,832        |
| Sand Veldt TGLP   | 272   | 572    | 5,499  | 2,012   | 1,170   | 73       | 2,226  | 11,824       |
| Ngwaketse TGLP    | 310   | 774    | 9,571  | 2,913   | 2,565   | 119      | 3,491  | 19,743       |
| Kgalagadi TGLP    | 40    | 217    | 1,156  | 389     | 225     | 1        | 739    | 2,767        |
| Kweneng TGLP      | 138   | 1,025  | 3,852  | 1,172   | 593     | 49       | 2,030  | 8,859        |
| Gantsi TGLP       | 508   | 974    | 14,907 | 5,153   | 3,208   | 448      | 5,441  | 30,639       |
| Haina Veldt TGLP  | 216   | 672    | 5,370  | 1,493   | 1,275   | 69       | 2,295  | 11,390       |
| Nata TGLP         | 71    | 453    | 1,739  | 465     | 323     | 22       | 971    | 4,044        |
| Lepasha TGLP      | 49    | 112    | 1,026  | 271     | 210     | 111      | 535    | 2,314        |
| Barolong Farms    | 160   | 43     | 884    | 202     | 226     | 193      | 498    | 2,206        |
| Letlhakane Farms  | 96    | 270    | 2,555  | 581     | 397     | 40       | 897    | 4,836        |
| Total Commercial  | 4,220 | 16,314 | 94,532 | 32,794  | 23,139  | 1,659    | 41,026 | 213,684      |

TABLE 9.11B: BEEF CATTLE HERD COMPOSITION BY BEEF CATTLE HERD SIZE

| Beef Cattle Herd Size | Bulls | Oxen   | Cows   | Heifers | Tollies | Bullocks | Calves | Total Cattle |
|-----------------------|-------|--------|--------|---------|---------|----------|--------|--------------|
| 01 - 50               | 134   | 194    | 1,768  | 659     | 364     | 27       | 928    | 4,074        |
| 51 - 100              | 156   | 489    | 3,533  | 1,029   | 671     | 63       | 1,525  | 7,466        |
| 101 - 150             | 308   | 645    | 4,370  | 1,715   | 870     | 238      | 1,821  | 9,967        |
| 151 - 200             | 268   | 504    | 5,101  | 2,059   | 1,009   | 79       | 2,199  | 11,219       |
| 201 - 300             | 413   | 977    | 10,119 | 3,339   | 2,247   | 212      | 4,650  | 21,957       |
| 301 - 400             | 362   | 1,301  | 8,713  | 2,549   | 1,374   | 302      | 3,621  | 18,222       |
| 401 - 500             | 292   | 2,162  | 8,807  | 2,786   | 1,907   | 286      | 2,882  | 19,122       |
| 501 - 1000            | 930   | 3,588  | 23,454 | 7,453   | 4,865   | 317      | 8,936  | 49,543       |
| 1001 - 1500           | 479   | 1,017  | 8,633  | 3,010   | 2,349   | 52       | 3,590  | 19,130       |
| 1501 +                | 878   | 5,437  | 20,034 | 8,195   | 7,483   | 83       | 10,874 | 52,984       |
| Total Commercial      | 4,220 | 16,314 | 94,532 | 32,794  | 23,139  | 1,659    | 41,026 | 213,684      |

TABLE 9.12: BEEF CATTLE HOLDINGS BY TYPE OF BREED AND BLOCK

| BLOCK             | Semintal | Charollier | Brown Swiss | Tuli | Bonsmara | Brahman | Sussex | Afrikander | Santa Getrude | Crosses | Tswana | Other |
|-------------------|----------|------------|-------------|------|----------|---------|--------|------------|---------------|---------|--------|-------|
| Tuli Block        | 4        | 5          | 2           | 1    | 5        | 30      | 1      | 1          | -             | 25      | 11     | 3     |
| Tati Block        | 8        | 5          | 3           | 2    | 2        | 50      | 1      | -          | -             | 46      | 18     | 10    |
| Gantsi Freehold   | 42       | 14         | 3           | 1    | 11       | 55      | 19     | 5          | 7             | 83      | 9      | 26    |
| Molopo Freehold   | 2        | -          | 1           | -    | 2        | 3       | 6      | 1          | -             | 3       | 2      | 2     |
| Gaborone Freehold | -        | -          | -           | -    | -        | -       | -      | -          | -             | -       | -      | -     |
| Pandamatenga      | 2        | -          | 2           | -    | -        | 2       | -      | -          | -             | 1       | 2      | -     |
| Lobatse Freehold  | 2        | -          | 3           | 2    | 3        | 9       | 3      | -          | -             | 6       | 2      | 2     |
| Sand Veldt TGLP   | 14       | 10         | 2           | 1    | 1        | 17      | 2      | -          | -             | 15      | 4      | 4     |
| Ngwaketse TGLP    | 25       | 15         | 5           | -    | 1        | 29      | 6      | 1          | 3             | 48      | 16     | 3     |
| Kgalagadi TGLP    | 4        | 1          | 1           | -    | 1        | 9       | 1      | 2          | 1             | 11      | 1      | -     |
| Kweneng TGLP      | 14       | 8          | 2           | -    | 2        | 27      | -      | -          | 1             | 46      | 20     | 6     |
| Gantsi TGLP       | 60       | 11         | 3           | 2    | 5        | 71      | 11     | 3          | 5             | 61      | 42     | 16    |
| Haina Veldt TGLP  | 24       | 14         | 1           | 2    | -        | 26      | 4      | 1          | 1             | 33      | 10     | 7     |
| Nata TGLP         | 3        | 1          | 1           | 1    | 1        | 11      | -      | -          | -             | 17      | 6      | 2     |
| Lepasha TGLP      | 3        | 3          | -           | -    | -        | 9       | -      | -          | -             | 4       | 4      | -     |
| Barolong Farms    | 2        | 1          | 1           | 1    | 3        | 3       | 1      | -          | -             | 1       | 6      | 2     |
| Lethakane Farms   | 8        | 9          | 2           | -    | 1        | 9       | 1      | -          | -             | 9       | 6      | 1     |
| Total Commercial  | 217      | 97         | 32          | 13   | 38       | 360     | 56     | 14         | 18            | 409     | 159    | 84    |



TABLE 9.13: BEEF CATTLE POPULATION BY TYPE OF BREED AND BLOCK

| BLOCK             | Semintal | Charollier | Brown Swiss | Tuli | Bonsmara | Brahman | Sussex | Afrikander | Santa Getrude | Crosses | Tswana | Other  | Total Beef Cattle |
|-------------------|----------|------------|-------------|------|----------|---------|--------|------------|---------------|---------|--------|--------|-------------------|
| Tuli Block        | 45       | 332        | 5           | 102  | 633      | 2,907   | 40     | 2          | -             | 4,508   | 1,186  | 182    | 9,942             |
| Tati Block        | 68       | 167        | 7           | 2    | 31       | 5,527   | 2      | -          | -             | 4,908   | 1,813  | 246    | 12,771            |
| Gantsi Freehold   | 5,932    | 1,889      | 7           | 1    | 1,077    | 6,824   | 765    | 6          | 161           | 39,801  | 1,770  | 17,723 | 75,956            |
| Molopo Freehold   | 24       | -          | 2           | -    | 2,924    | 60      | 1,509  | 5          | -             | 4,175   | 4,637  | 14     | 13,350            |
| Gaborone Freehold | -        | -          | -           | -    | -        | -       | -      | -          | -             | -       | -      | -      | -                 |
| Pandamatenga      | 66       | -          | 36          | -    | -        | 61      | -      | -          | -             | 14      | 34     | -      | 211               |
| Lobatse Freehold  | 24       | -          | 77          | 16   | 104      | 627     | 32     | -          | -             | 1,635   | 166    | 151    | 2,832             |
| Sand Veldt TGLP   | 1,421    | 480        | 97          | 141  | 4        | 4,131   | 115    | -          | -             | 4,256   | 430    | 749    | 11,824            |
| Ngwaketse TGLP    | 2,942    | 997        | 319         | -    | 1        | 2,030   | 557    | 1          | 90            | 12,196  | 570    | 40     | 19,743            |
| Kgalagadi TGLP    | 7        | 2          | 133         | -    | 51       | 1,095   | 2      | 36         | 1             | 1,375   | 65     | -      | 2,767             |
| Kweneng TGLP      | 731      | 388        | 2           | -    | 86       | 2,320   | -      | -          | 2             | 4,135   | 1,050  | 145    | 8,859             |
| Gantsi TGLP       | 4,161    | 141        | 40          | 53   | 10       | 4,484   | 1,063  | 25         | 307           | 11,062  | 7,144  | 2,149  | 30,639            |
| Haina Veldt TGLP  | 252      | 65         | 2           | 2    | -        | 2,087   | 17     | 1          | 1             | 8,012   | 691    | 260    | 11,390            |
| Nata TGLP         | 69       | 2          | 1           | 1    | 1        | 450     | -      | -          | -             | 3,368   | 135    | 17     | 4,044             |
| Lepasha TGLP      | 206      | 22         | -           | -    | -        | 1,172   | -      | -          | -             | 670     | 244    | -      | 2,314             |
| Barolong Farms    | 5        | 5          | 1           | 1    | 140      | 112     | 1      | -          | -             | 27      | 1,637  | 277    | 2,206             |
| Letlhakane Farms  | 203      | 59         | 4           | -    | 1        | 2,286   | 1      | -          | -             | 1,781   | 497    | 4      | 4,836             |
| Total Commercial  | 16,156   | 4,549      | 733         | 319  | 5,063    | 36,173  | 4,104  | 76         | 562           | 101,923 | 22,069 | 21,957 | 213,684           |

TABLE 9.14A: BEEF CATTLE INVENTORY (PURCHASES, DEATHS ...) BY BLOCK

| BLOCK             | Home<br>Consumption | Purchases | Deaths | Given Away | Losses | Eradication |
|-------------------|---------------------|-----------|--------|------------|--------|-------------|
| Tuli Block        | 51                  | 247       | 514    | 25         | 249    | -           |
| Tati Block        | 170                 | 2,030     | 817    | 43         | 256    | -           |
| Gantsi Freehold   | 240                 | 2,059     | 3,214  | 162        | 505    | -           |
| Molopo Freehold   | 22                  | 774       | 116    | 2          | 89     | -           |
| Gaborone Freehold | -                   | -         | -      | -          | -      | -           |
| Pandamatenga      | 2                   | -         | 14     | -          | -      | -           |
| Lobatse Freehold  | 17                  | 1,189     | 171    | 4          | 100    | -           |
| Sand Veldt TGLP   | 32                  | 10        | 465    | 10         | 143    | -           |
| Ngwaketse TGLP    | 75                  | 375       | 850    | 54         | 338    | -           |
| Kgalagadi TGLP    | 29                  | 7         | 229    | 25         | 76     | -           |
| Kweneng TGLP      | 65                  | 629       | 575    | 110        | 554    | -           |
| Gantsi TGLP       | 206                 | 257       | 1,785  | 175        | 1,016  | -           |
| Haina Veldt TGLP  | 123                 | 100       | 499    | 18         | 349    | -           |
| Nata TGLP         | 7                   | 17        | 172    | 1          | 82     | -           |
| Lepasha TGLP      | 7                   | 16        | 66     | 6          | 71     | -           |
| Barolong Farms    | 4                   | 1,871     | 152    | -          | 136    | -           |
| Letlhakane Farms  | 152                 | 56        | 408    | 10         | 619    | -           |
| Total Commercial  | 1,202               | 9,637     | 10,047 | 645        | 4,583  | -           |

TABLE 9.14B: BEEF CATTLE INVENTORY (PURCHASES, DEATHS ...) BY BEEF CATTLE HERD SIZE

| Beef Cattle Herd Size | Home<br>Consumption | Purchases | Deaths | Given Away | Losses | Eradication |
|-----------------------|---------------------|-----------|--------|------------|--------|-------------|
| 01 - 50               | 67                  | 203       | 627    | 53         | 557    | -           |
| 51 - 100              | 118                 | 79        | 693    | 88         | 354    | -           |
| 101 - 150             | 98                  | 125       | 590    | 101        | 454    | -           |
| 151 - 200             | 95                  | 288       | 719    | 87         | 444    | -           |
| 201 - 300             | 140                 | 2,332     | 1,351  | 76         | 779    | -           |
| 301 - 400             | 167                 | 1,483     | 780    | 62         | 381    | -           |
| 401 - 500             | 41                  | 2,037     | 906    | 30         | 310    | -           |
| 501 - 1000            | 322                 | 1,032     | 2,352  | 81         | 955    | -           |
| 1001 - 1500           | 50                  | 391       | 554    | 17         | 113    | -           |
| 1501 +                | 104                 | 1,667     | 1,475  | 50         | 236    | -           |
| Total Commercial      | 1,202               | 9,637     | 10,047 | 645        | 4,583  | -           |

TABLE 9.15 BEEF CATTLE PURCHASES AND COST INCURRED (PULA) BY BLOCK

| BLOCK             | Holdings Purchasing Beef Cattle |            | Total Beef Cattle Purchases |            | Total Cost      | Total Cost         | Average Cost    |
|-------------------|---------------------------------|------------|-----------------------------|------------|-----------------|--------------------|-----------------|
|                   | Number                          | Percentage | Number                      | Percentage | Incurred (Pula) | Per Holding (Pula) | Per Head (Pula) |
| Tuli Block        | 5                               | 3.4        | 247                         | 2.6        | 302,000         | 5                  | 1,223           |
| Tati Block        | 17                              | 11.6       | 2,030                       | 21.1       | 2,870,900       | 17                 | 1,414           |
| Gantsi Freehold   | 30                              | 20.4       | 2,059                       | 21.4       | 3,474,057       | 30                 | 1,687           |
| Molopo Freehold   | 4                               | 2.7        | 774                         | 8.0        | 600,700         | 4                  | 776             |
| Gaborone Freehold | -                               | -          | -                           | -          | -               | -                  | -               |
| Pandamatenga      | -                               | -          | -                           | -          | -               | -                  | -               |
| Lobatse Freehold  | 6                               | 4.1        | 1,189                       | 12.3       | 699,500         | 6                  | 588             |
| Sand Veldt TGLP   | 4                               | 2.7        | 10                          | 0.1        | 58,400          | 4                  | 5,840           |
| Ngwaketse TGLP    | 9                               | 6.1        | 375                         | 3.8        | 681,575         | 9                  | 1,818           |
| Kgalagadi TGLP    | 2                               | 1.4        | 7                           | 0.1        | 25,800          | 2                  | 3,686           |
| Kweneng TGLP      | 17                              | 11.6       | 629                         | 6.5        | 1,012,724       | 17                 | 1,610           |
| Gantsi TGLP       | 33                              | 22.5       | 257                         | 2.7        | 273,636         | 33                 | 1,065           |
| Haina Veldt TGLP  | 6                               | 4.1        | 100                         | 1.0        | 108,150         | 6                  | 1,082           |
| Nata TGLP         | 3                               | 2.0        | 17                          | 0.2        | 19,842          | 3                  | 1,167           |
| Lepasha TGLP      | 4                               | 2.7        | 16                          | 0.2        | 48,000          | 4                  | 3,000           |
| Barolong Farms    | 3                               | 2.0        | 1,871                       | 19.4       | 1,838,825       | 3                  | 983             |
| Letlhakane Farms  | 4                               | 2.7        | 56                          | 0.6        | 129,600         | 4                  | 2,314           |
|                   |                                 |            |                             | 0.0        |                 |                    |                 |
| Total Commercial  | 147                             | 100.0      | 9,637                       | 100.0      | 12,143,709      | 147                | 1,260           |

TABLE 9.16A: BEEF CATTLE HOLDINGS BY REASONS FOR CATTLE BREED PREFERENCE AND BLOCK

| BLOCK             | Profitable;<br>Grows Faster;<br>Reproduces Faster | Drought Resistance;<br>Hardiness/Adaptability;<br>Less Costly | Produces<br>More Milk | Unknown/<br>Not Stated | Total Beef Cattle<br>Holdings |
|-------------------|---------------------------------------------------|---------------------------------------------------------------|-----------------------|------------------------|-------------------------------|
| Tuli              | 28                                                | 13                                                            | -                     | 1                      | 42                            |
| Tati              | 62                                                | 9                                                             | 1                     | 2                      | 74                            |
| Gantsi Freehold   | 57                                                | 39                                                            | 2                     | 9                      | 107                           |
| Molopo Freehold   | 6                                                 | 1                                                             | -                     | -                      | 7                             |
| Gaborone Freehold | -                                                 | -                                                             | -                     | -                      | -                             |
| Pandamatenga      | 3                                                 | -                                                             | 1                     | -                      | 4                             |
| Lobatse Freehold  | 6                                                 | 6                                                             | -                     | 2                      | 14                            |
| Sand Veldt TGLP   | 21                                                | 5                                                             | -                     | -                      | 26                            |
| Ngwaketse TGLP    | 53                                                | 4                                                             | 1                     | 5                      | 63                            |
| Kgalagadi TGLP    | 14                                                | -                                                             | 1                     | 2                      | 17                            |
| Kweneng TGLP      | 52                                                | 13                                                            | 2                     | 2                      | 69                            |
| Gantsi TGLP       | 126                                               | 24                                                            | 3                     | 3                      | 156                           |
| HAina Veldt TGLP  | 37                                                | 5                                                             | -                     | -                      | 42                            |
| NAta TGLP         | 19                                                | 3                                                             | -                     | 3                      | 25                            |
| Lepasha TGLP      | 9                                                 | 6                                                             | -                     | -                      | 15                            |
| Barolong Farms    | 4                                                 | 1                                                             | -                     | 2                      | 7                             |
| Lethakane Farms   | 16                                                | 3                                                             | -                     | 1                      | 20                            |
| Total Commercial  | 513                                               | 132                                                           | 11                    | 32                     | 688                           |

TABLE 9.16B: BEEF CATTLE HOLDINGS BY REASONS FOR BREED PREFERENCE AND BREED TYPE

| Breed Type       | Profitable;<br>Grows Faster;<br>Reproduces Faster | Drought Resistance;<br>Hardiness/Adaptability;<br>Less Costly | Produces<br>More Milk | Unknown/<br>Not Stated | Total Beef Cattle<br>Holdings |
|------------------|---------------------------------------------------|---------------------------------------------------------------|-----------------------|------------------------|-------------------------------|
| Semintal         | 168                                               | 17                                                            | 2                     | 3                      | 190                           |
| Charollier       | 48                                                | -                                                             | 2                     | 2                      | 52                            |
| Brown Swiss      | 4                                                 | 3                                                             | 2                     | -                      | 9                             |
| Tuli             | 1                                                 | -                                                             | -                     | -                      | 1                             |
| Bonsmara         | 4                                                 | 14                                                            | -                     | -                      | 18                            |
| Brahman          | 179                                               | 40                                                            | -                     | 7                      | 226                           |
| Sussex           | 18                                                | 6                                                             | 2                     | -                      | 26                            |
| Afrikander       | 1                                                 | 9                                                             | -                     | -                      | 10                            |
| Santa Getrudis   | 5                                                 | 2                                                             | -                     | 4                      | 11                            |
| Crosses          | 35                                                | 13                                                            | 2                     | -                      | 50                            |
| Tswana           | 2                                                 | 16                                                            | 1                     | 6                      | 25                            |
| Other            | 48                                                | 12                                                            | -                     | 10                     | 70                            |
| Total Commercial | 513                                               | 132                                                           | 11                    | 32                     | 688                           |

TABLE 9.17A: BEEF CATTLE HOLDINGS BY TYPE OF BEEF BREED PREFERENCE AND BLOCK

| BLOCK             | Semintal | Charollier | Brown Swiss | Tuli | Bonsmara | Brahman | Sussex | Afrikander | Santa<br>Getrude | Crosses | Tswana | Other | Total Beef<br>Cattle Holdings |
|-------------------|----------|------------|-------------|------|----------|---------|--------|------------|------------------|---------|--------|-------|-------------------------------|
| Tuli Block        | 42       | 5          | 2           | 1    | 5        | 30      | 1      | 1          | -                | 25      | 11     | 3     | 126                           |
| Tati Block        | 74       | 5          | 3           | 2    | 2        | 50      | 1      | -          | -                | 46      | 18     | 10    | 211                           |
| Gantsi Freehold   | 107      | 14         | 3           | 1    | 11       | 55      | 19     | 5          | 7                | 83      | 9      | 26    | 340                           |
| Molopo Freehold   | 7        | -          | 1           | -    | 2        | 3       | 6      | 1          | -                | 3       | 2      | 2     | 27                            |
| Gaborone Freehold | -        | -          | -           | -    | -        | -       | -      | -          | -                | -       | -      | -     | -                             |
| Pandamatenga      | 4        | -          | 2           | -    | -        | 2       | -      | -          | -                | 1       | 2      | -     | 11                            |
| Lobatse Freehold  | 14       | -          | 3           | 2    | 3        | 9       | 3      | -          | -                | 6       | 2      | 2     | 44                            |
| Sand Veldt TGLP   | 26       | 10         | 2           | 1    | 1        | 17      | 2      | -          | -                | 15      | 4      | 4     | 82                            |
| Ngwaketse TGLP    | 63       | 15         | 5           | -    | 1        | 29      | 6      | 1          | 3                | 48      | 16     | 3     | 190                           |
| Kgalagadi TGLP    | 17       | 1          | 1           | -    | 1        | 9       | 1      | 2          | 1                | 11      | 1      | -     | 45                            |
| Kweneng TGLP      | 69       | 8          | 2           | -    | 2        | 27      | -      | -          | 1                | 46      | 20     | 6     | 181                           |
| Gantsi TGLP       | 156      | 11         | 3           | 2    | 5        | 71      | 11     | 3          | 5                | 61      | 42     | 16    | 386                           |
| Haina Veldt TGLP  | 42       | 14         | 1           | 2    | -        | 26      | 4      | 1          | 1                | 33      | 10     | 7     | 141                           |
| Nata TGLP         | 25       | 1          | 1           | 1    | 1        | 11      | -      | -          | -                | 17      | 6      | 2     | 65                            |
| Lepasha TGLP      | 15       | 3          | -           | -    | -        | 9       | -      | -          | -                | 4       | 4      | -     | 35                            |
| Barolong Farms    | 7        | 1          | 1           | 1    | 3        | 3       | 1      | -          | -                | 1       | 6      | 2     | 26                            |
| Lethakane Farms   | 20       | 9          | 2           | -    | 1        | 9       | 1      | -          | -                | 9       | 6      | 1     | 58                            |
| Total Commercial  | 688      | 97         | 32          | 13   | 38       | 360     | 56     | 14         | 18               | 409     | 159    | 84    | 1968                          |

TABLE 9.17B: BEEF CATTLE POPULATION BY TYPE OF BEEF BREED PREFERENCE AND BLOCK

| BLOCK             | Semintal | Charollier | Brown Swiss | Tuli | Bonsmara | Brahman | Sussex | Afrikander | Santa<br>Getrude | Crosses | Tswana | Other  | Total Beef Cattle |
|-------------------|----------|------------|-------------|------|----------|---------|--------|------------|------------------|---------|--------|--------|-------------------|
| Tuli Block        | 45       | 332        | 5           | 102  | 633      | 2,907   | 40     | 2          | -                | 4,508   | 1,186  | 182    | 9,942             |
| Tati Block        | 68       | 167        | 7           | 2    | 31       | 5,527   | 2      | -          | -                | 4,908   | 1,813  | 246    | 12,771            |
| Gantsi Freehold   | 5,932    | 1,889      | 7           | 1    | 1,077    | 6,824   | 765    | 6          | 161              | 39,801  | 1,770  | 17,723 | 75,956            |
| Molopo Freehold   | 24       | -          | 2           | -    | 2,924    | 60      | 1,509  | 5          | -                | 4,175   | 4,637  | 14     | 13,350            |
| Gaborone Freehold | -        | -          | -           | -    | -        | -       | -      | -          | -                | -       | -      | -      | -                 |
| Pandamatenga      | 66       | -          | 36          | -    | -        | 61      | -      | -          | -                | 14      | 34     | -      | 211               |
| Lobatse Freehold  | 24       | -          | 77          | 16   | 104      | 627     | 32     | -          | -                | 1,635   | 166    | 151    | 2,832             |
| Sand Veldt TGLP   | 1,421    | 480        | 97          | 141  | 4        | 4,131   | 115    | -          | -                | 4,256   | 430    | 749    | 11,824            |
| Ngwaketse TGLP    | 2,942    | 997        | 319         | -    | 1        | 2,030   | 557    | 1          | 90               | 12,196  | 570    | 40     | 19,743            |
| Kgalagadi TGLP    | 7        | 2          | 133         | -    | 51       | 1,095   | 2      | 36         | 1                | 1,375   | 65     | -      | 2,767             |
| Kweneng TGLP      | 731      | 388        | 2           | -    | 86       | 2,320   | -      | -          | 2                | 4,135   | 1,050  | 145    | 8,859             |
| Gantsi TGLP       | 4,161    | 141        | 40          | 53   | 10       | 4,484   | 1,063  | 25         | 307              | 11,062  | 7,144  | 2,149  | 30,639            |
| Haina Veldt TGLP  | 252      | 65         | 2           | 2    | -        | 2,087   | 17     | 1          | 1                | 8,012   | 691    | 260    | 11,390            |
| Nata TGLP         | 69       | 2          | 1           | 1    | 1        | 450     | -      | -          | -                | 3,368   | 135    | 17     | 4,044             |
| Lepasha TGLP      | 206      | 22         | -           | -    | -        | 1,172   | -      | -          | -                | 670     | 244    | -      | 2,314             |
| Barolong Farms    | 5        | 5          | 1           | 1    | 140      | 112     | 1      | -          | -                | 27      | 1,637  | 277    | 2,206             |
| Letlhakane TGLP   | 203      | 59         | 4           | -    | 1        | 2,286   | 1      | -          | -                | 1,781   | 497    | 4      | 4,836             |
| Total Commercial  | 16,156   | 4,549      | 733         | 319  | 5,063    | 36,173  | 4,104  | 76         | 562              | 101,923 | 22,069 | 21,957 | 213,684           |

TABLE 9.18A: DAIRY CATTLE HOLDINGS AND POPULATION BY GENDER AND BLOCK

| BLOCK             | Male<br>Owned | Cattle Holdings<br>Female<br>Owned | Company<br>Owned | Total Cattle<br>Holdings | Male<br>Owned | Cattle Population<br>Female<br>Owned | Company<br>Owned | Total Dairy<br>Cattle | Average Cattle<br>Per Holding |
|-------------------|---------------|------------------------------------|------------------|--------------------------|---------------|--------------------------------------|------------------|-----------------------|-------------------------------|
| Tuli Block        | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Tati Block        | 4             | 1                                  | 1                | 6                        | 194           | 8                                    | 92               | 294                   | 49                            |
| Gantsi Freehold   | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Molopo Freehold   | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Gaborone Freehold | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Pandamatenga      | 2             | -                                  | -                | 2                        | 278           | -                                    | -                | 278                   | 139                           |
| Lobatse Freehold  | 1             | -                                  | 1                | 2                        | 27            | -                                    | 88               | 115                   | 58                            |
| Sand Veldt TGLP   | 1             | -                                  | -                | 1                        | 120           | -                                    | -                | 120                   | 120                           |
| Ngwaketse TGLP    | 1             | -                                  | -                | 1                        | 20            | -                                    | -                | 20                    | 20                            |
| Kgalagadi TGLP    | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Kweneng TGLP      | 1             | -                                  | -                | 1                        | 44            | -                                    | -                | 44                    | 44                            |
| Gantsi TGLP       | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Haina Veldt TGLP  | 2             | 1                                  | 1                | 4                        | 64            | 16                                   | 13               | 93                    | 23                            |
| Nata TGLP         | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Lepasha TGLP      | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Barolong Farms    | 1             | -                                  | 3                | 4                        | 122           | -                                    | 123              | 245                   | 61                            |
| Lethakane Farms   | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Total Commercial  | 13            | 2                                  | 6                | 21                       | 869           | 24                                   | 316              | 1,209                 | 58                            |

TABLE 9.18B: DAIRY CATTLE HOLDINGS AND POPULATION BY GENDER AND DAIRY CATTLE HERD SIZE

| Dairy cattle Herd Size | Male<br>Owned | Cattle Holdings<br>Female<br>Owned | Company<br>Owned | Total Cattle<br>Holdings | Male<br>Owned | Cattle Population<br>Female<br>Owned | Company<br>Owned | Total Dairy<br>Cattle | Average Cattle<br>Per Holding |
|------------------------|---------------|------------------------------------|------------------|--------------------------|---------------|--------------------------------------|------------------|-----------------------|-------------------------------|
| 01 - 50                | 8             | 2                                  | 3                | 13                       | 200           | 24                                   | 26               | 250                   | 19                            |
| 51 - 100               | -             | -                                  | 2                | 2                        | -             | -                                    | 180              | 180                   | 90                            |
| 101 - 150              | 5             | -                                  | 1                | 6                        | 669           | -                                    | 110              | 779                   | 130                           |
| 151 - 200              | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| 201 - 300              | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| 301 - 400              | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| 401 - 500              | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| 501 - 1000             | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| 1001 - 1500            | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| 1501 +                 | -             | -                                  | -                | -                        | -             | -                                    | -                | -                     | -                             |
| Total Commercial       | 13            | 2                                  | 6                | 21                       | 869           | 24                                   | 316              | 1,209                 | 58                            |

TABLE 9.19A: DAIRY CATTLE HERD COMPOSITION BY BLOCK

| BLOCK             | Bulls | Oxen | Cows | Heifers | Tollies | Bullocks | Calves | Total Dairy Cattle |
|-------------------|-------|------|------|---------|---------|----------|--------|--------------------|
| Tuli Block        | -     | -    | -    | -       | -       | -        | -      | -                  |
| Tati Block        | 6     | -    | 180  | 39      | 7       | 16       | 46     | 294                |
| Gantsi Freehold   | -     | -    | -    | -       | -       | -        | -      | -                  |
| Molopo Freehold   | -     | -    | -    | -       | -       | -        | -      | -                  |
| Gaborone Freehold | -     | -    | -    | -       | -       | -        | -      | -                  |
| Pandamatenga      | 2     | -    | 153  | 55      | 9       | -        | 59     | 278                |
| Lobatse Freehold  | 2     | -    | 75   | 13      | -       | 11       | 14     | 115                |
| Sand Veldt TGLP   | -     | -    | 100  | -       | -       | 5        | 15     | 120                |
| Ngwaketse TGLP    | -     | 2    | 9    | 2       | 3       | -        | 4      | 20                 |
| Kgalagadi TGLP    | -     | -    | -    | -       | -       | -        | -      | -                  |
| Kweneng TGLP      | 2     | -    | 18   | 7       | -       | 9        | 8      | 44                 |
| Gantsi TGLP       | -     | -    | -    | -       | -       | -        | -      | -                  |
| Haina Veldt TGLP  | 6     | 3    | 44   | 16      | 3       | -        | 21     | 93                 |
| Nata TGLP         | -     | -    | -    | -       | -       | -        | -      | -                  |
| Lepasha TGLP      | -     | -    | -    | -       | -       | -        | -      | -                  |
| Barolong Farms    | 19    | -    | 100  | 86      | -       | 13       | 27     | 245                |
| Lethakane Farms   | -     | -    | -    | -       | -       | -        | -      | -                  |
| Total Commercial  | 37    | 5    | 679  | 218     | 22      | 54       | 194    | 1,209              |

TABLE 9.19B: DAIRY CATTLE HERD COMPOSITION BY DAIRY CATTLE HERD SIZE

| Dairy Cattle Herd Size | Bulls | Oxen | Cows | Heifers | Tollies | Bullocks | Calves | Total Dairy Cattle |
|------------------------|-------|------|------|---------|---------|----------|--------|--------------------|
| 01 - 50                | 20    | 5    | 126  | 34      | 6       | 11       | 48     | 250                |
| 51 - 100               | 2     | -    | 91   | 35      | -       | 25       | 27     | 180                |
| 101 - 150              | 15    | -    | 462  | 149     | 16      | 18       | 119    | 779                |
| 151 - 200              | -     | -    | -    | -       | -       | -        | -      | -                  |
| 201 - 300              | -     | -    | -    | -       | -       | -        | -      | -                  |
| 301 - 400              | -     | -    | -    | -       | -       | -        | -      | -                  |
| 401 - 500              | -     | -    | -    | -       | -       | -        | -      | -                  |
| 501 - 1000             | -     | -    | -    | -       | -       | -        | -      | -                  |
| 1001 - 1500            | -     | -    | -    | -       | -       | -        | -      | -                  |
| 1501 +                 | -     | -    | -    | -       | -       | -        | -      | -                  |
| Total Commercial       | 37    | 5    | 679  | 218     | 22      | 54       | 194    | 1,209              |



TABLE 9.20A: DAIRY CATTLE HOLDINGS BY TYPE OF BREED AND BLOCK

| BLOCK             | Dairy Semintal | Brown Swiss | Jersey | Holstein | Friesian | Dairy Swiss | Dairy Crosses | Other | Total Dairy Cattle Holdings |
|-------------------|----------------|-------------|--------|----------|----------|-------------|---------------|-------|-----------------------------|
| Tuli Block        | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Tati Block        | -              | 4           | 1      | -        | 3        | -           | 2             | 1     | 11                          |
| Gantsi Freehold   | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Molopo Freehold   | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Gaborone Freehold | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Pandamatenga      | -              | 1           | 2      | 1        | 1        | 2           | -             | -     | 7                           |
| Lobatse Freehold  | -              | 1           | -      | -        | -        | -           | 1             | 1     | 3                           |
| Sand Veldt TGLP   | -              | -           | -      | -        | -        | -           | 1             | -     | 1                           |
| Ngwaketse TGLP    | 1              | -           | -      | -        | -        | -           | -             | -     | 1                           |
| Kgalagadi TGLP    | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Kweneng TGLP      | 1              | -           | -      | -        | -        | -           | -             | -     | 1                           |
| Gantsi TGLP       | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Haina Veldt TGLP  | 1              | 1           | 3      | -        | -        | -           | -             | -     | 5                           |
| Nata TGLP         | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Lepasha TGLP      | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Barolong Farms    | -              | 2           | 1      | 1        | 2        | 2           | -             | -     | 8                           |
| Lethakane Farms   | -              | -           | -      | -        | -        | -           | -             | -     | -                           |
| Total Commercial  | 3              | 9           | 7      | 2        | 6        | 4           | 4             | 2     | 37                          |

TABLE 9.20B: DAIRY CATTLE POPULATION BY TYPE OF BREED AND BLOCK

| BLOCK             | Dairy Semintal | Brown Swiss | Jersey | Holstein | Friesian | Dairy Swiss | Dairy Crosses | Other | Total Dairy Cattle |
|-------------------|----------------|-------------|--------|----------|----------|-------------|---------------|-------|--------------------|
| Tuli Block        | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Tati Block        | -              | 100         | 10     | -        | 148      | -           | 35            | 1     | 294                |
| Gantsi Freehold   | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Molopo Freehold   | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Gaborone Freehold | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Pandamatenga      | -              | 10          | 109    | 44       | 50       | 65          | -             | -     | 278                |
| Lobatse Freehold  | -              | 27          | -      | -        | -        | -           | 78            | 10    | 115                |
| Sand Veldt TGLP   | -              | -           | -      | -        | -        | -           | 120           | -     | 120                |
| Ngwaketse TGLP    | 20             | -           | -      | -        | -        | -           | -             | -     | 20                 |
| Kgalagadi TGLP    | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Kweneng TGLP      | 44             | -           | -      | -        | -        | -           | -             | -     | 44                 |
| Gantsi TGLP       | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Haina Veldt TGLP  | 21             | 13          | 59     | -        | -        | -           | -             | -     | 93                 |
| Nata TGLP         | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Lepasha TGLP      | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Barolong Farms    | -              | 57          | 1      | 2        | 73       | 112         | -             | -     | 245                |
| Lethakane Farms   | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Total Commercial  | 85             | 207         | 179    | 46       | 271      | 177         | 233           | 11    | 1,209              |

TABLE 9.20C: DAIRY CATTLE POPULATION BY TYPE OF BREED AND DAIRY CATTLE HERD SIZE

| Dairy Cattle herd Size | Dairy Semintal | Brown Swiss | Jersey | Holstein | Friesian | Dairy Swiss | Dairy Crosses | Other | Total Dairy Cattle |
|------------------------|----------------|-------------|--------|----------|----------|-------------|---------------|-------|--------------------|
| 01 - 50                | 85             | 75          | 70     | 2        | 15       | 2           | 1             | -     | 250                |
| 51 - 100               | -              | 43          | -      | -        | 48       | -           | 78            | 11    | 180                |
| 101 - 150              | -              | 89          | 109    | 44       | 208      | 175         | 154           | -     | 779                |
| 151 - 200              | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| 201 - 300              | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| 301 - 400              | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| 401 - 500              | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| 501 - 1000             | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| 1001 - 1500            | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| 1501 +                 | -              | -           | -      | -        | -        | -           | -             | -     | -                  |
| Total Commercial       | 85             | 207         | 179    | 46       | 271      | 177         | 233           | 11    | 1,209              |

TABLE 9.21A: DAIRY CATTLE INVENTORY (PURCHASES, DEATHS ...) BY BLOCK

| BLOCK             | Home<br>Consumption | Purchases | Deaths | Losses |
|-------------------|---------------------|-----------|--------|--------|
| Tuli Block        | -                   | -         | -      | -      |
| Tati Block        | -                   | 135       | 14     | -      |
| Gantsi Freehold   | -                   | -         | -      | -      |
| Molopo Freehold   | -                   | -         | -      | -      |
| Gaborone Freehold | -                   | -         | -      | -      |
| Pandamatenga      | 1                   | -         | 19     | -      |
| Lobatse Freehold  | -                   | -         | 30     | -      |
| Sand Veldt TGLP   | -                   | 115       | 1      | -      |
| Ngwaketse TGLP    | -                   | 3         | 11     | 2      |
| Kgalagadi TGLP    | -                   | -         | -      | -      |
| Kweneng TGLP      | -                   | -         | 4      | -      |
| Gantsi TGLP       | -                   | -         | -      | -      |
| Haina Veldt TGLP  | -                   | 3         | 29     | 11     |
| Nata TGLP         | -                   | -         | 9      | -      |
| Lepasha TGLP      | -                   | -         | -      | -      |
| Barolong Farms    | -                   | 2         | 24     | -      |
| Lethakane Farms   | -                   | -         | 50     | -      |
| Total Commercial  | 1                   | 258       | 191    | 13     |

TABLE 9.21B: DAIRY CATTLE INVENTORY (PURCHASES, DEATHS ...) BY DAIRY CATTLE HERD SIZE

| Dairy Cattle herd Size | Home<br>Consumption | Purchases | Deaths | Losses |
|------------------------|---------------------|-----------|--------|--------|
| 01 - 50                | -                   | 9         | 76     | 11     |
| 51 - 100               | -                   | -         | 9      | 2      |
| 101 - 150              | 1                   | 189       | 46     | -      |
| 151 - 200              | -                   | -         | -      | -      |
| 201 - 300              | -                   | -         | -      | -      |
| 201 - 400              | -                   | 60        | 50     | -      |
| 401 - 500              | -                   | -         | -      | -      |
| 501 - 1000             | -                   | -         | -      | -      |
| 1001 - 1500            | -                   | -         | -      | -      |
| 1501 +                 | -                   | -         | -      | -      |
| Total Commercial       | 1                   | 258       | 181    | 13     |

TABLE 9.22: DAIRY CATTLE PURCHASES AND COST INCURRED (PULA) BY BLOCK

| BLOCK             | Holdings Purchasing Dairy Cattle |            | Total Dairy Cattle Purchases |            | Total Cost      | Total Cost         | Average Cost    |
|-------------------|----------------------------------|------------|------------------------------|------------|-----------------|--------------------|-----------------|
|                   | Number                           | Percentage | Number                       | Percentage | Incurred (Pula) | Per Holding (Pula) | Per Head (Pula) |
| Tuli Block        | -                                | -          | -                            | -          | -               | -                  | -               |
| Tati Block        | 3                                | 42.8       | 135                          | 52.3       | 474,500         | 158,167            | 3,515           |
| Gantsi Freehold   | -                                | -          | -                            | -          | -               | -                  | -               |
| Molopo Freehold   | -                                | -          | -                            | -          | -               | -                  | -               |
| Gaborone Freehold | -                                | -          | -                            | -          | -               | -                  | -               |
| Pandamatenga      | -                                | -          | -                            | -          | -               | -                  | -               |
| Lobatse Freehold  | -                                | -          | -                            | -          | -               | -                  | -               |
| Sand Veldt TGLP   | 1                                | 14.3       | 115                          | 44.5       | 345,000         | 345,000            | 3,000           |
| Ngwaketse TGLP    | 1                                | 14.3       | 3                            | 1.2        | 15,000          | 15,000             | 5,000           |
| Kgalagadi TGLP    | -                                | -          | -                            | -          | -               | -                  | -               |
| Kweneng TGLP      | -                                | -          | -                            | -          | -               | -                  | -               |
| Gantsi TGLP       | -                                | -          | -                            | -          | -               | -                  | -               |
| Haina Veldt TGLP  | 1                                | 14.3       | 3                            | 1.2        | 12,000          | 12,000             | 4,000           |
| Nata TGLP         | -                                | -          | -                            | -          | -               | -                  | -               |
| Lepasha TGLP      | -                                | -          | -                            | -          | -               | -                  | -               |
| Barolong Farms    | 1                                | 14.3       | 2                            | 0.8        | 5,600           | 5,600              | 2,800           |
| Lethakane Farms   | -                                | -          | -                            | -          | -               | -                  | -               |
| Total Commercial  | 7                                | 100.0      | 258                          | 100.0      | 852,100         | 121,729            | 3,303           |

TABLE 9.23: DAIRY CATTLE HOLDINGS BY REASONS FOR BREED PREFERENCE AND BLOCK

| BLOCK             | Profitable;<br>Grows Faster;<br>Reproduces Faster | Drought Resistance;<br>Hardiness/Adaptability;<br>Less Costly | Produces<br>More Milk | Unknown/<br>Not Stated | Total Dairy Cattle<br>Holdings |
|-------------------|---------------------------------------------------|---------------------------------------------------------------|-----------------------|------------------------|--------------------------------|
| Tuli              | -                                                 | -                                                             | -                     | -                      | -                              |
| Tati              | -                                                 | 2                                                             | 3                     | -                      | 5                              |
| Gantsi Freehold   | -                                                 | -                                                             | -                     | -                      | -                              |
| Molopo Freehold   | -                                                 | -                                                             | -                     | -                      | -                              |
| Gaborone Freehold | -                                                 | -                                                             | -                     | -                      | -                              |
| Pandamatenga      | -                                                 | -                                                             | 2                     | -                      | 2                              |
| Lobatse Freehold  | -                                                 | 2                                                             | -                     | -                      | 2                              |
| Sand Veldt TGLP   | -                                                 | -                                                             | 1                     | -                      | 1                              |
| Ngwaketse TGLP    | -                                                 | -                                                             | 1                     | -                      | 1                              |
| Kgalagadi TGLP    | -                                                 | -                                                             | -                     | -                      | -                              |
| Kweneng TGLP      | -                                                 | -                                                             | -                     | 1                      | 1                              |
| Gantsi TGLP       | -                                                 | -                                                             | -                     | -                      | -                              |
| Haina Veldt TGLP  | 1                                                 | 2                                                             | -                     | -                      | 3                              |
| Nata TGLP         | -                                                 | -                                                             | -                     | -                      | -                              |
| Lepasha TGLP      | -                                                 | -                                                             | -                     | -                      | -                              |
| Barolong Farms    | -                                                 | 2                                                             | 2                     | -                      | 4                              |
| Lethakane Farms   | -                                                 | -                                                             | -                     | -                      | -                              |
| Total Commercial  | 1                                                 | 8                                                             | 9                     | 1                      | 19                             |

TABLE 9.24: DAIRY CATTLE HOLDINGS BY BREED PREFERENCE AND BLOCK

| BLOCK             | Dairy Semintal | Brown Swiss | Jersey | Friesian | Dairy Swiss |
|-------------------|----------------|-------------|--------|----------|-------------|
| Tuli Block        | -              | -           | -      | -        | -           |
| Tati Block        | -              | 4           | -      | 2        | -           |
| Gantsi Freehold   | -              | -           | -      | -        | -           |
| Molopo Freehold   | -              | -           | -      | -        | -           |
| Gaborone Freehold | -              | -           | -      | -        | -           |
| Pandamatenga      | -              | -           | 2      | -        | -           |
| Lobatse Freehold  | -              | 1           | 1      | -        | -           |
| Sand Veldt TGLP   | -              | 1           | -      | -        | -           |
| Ngwaketse TGLP    | -              | 1           | -      | -        | -           |
| Kgalagadi TGLP    | -              | -           | -      | -        | -           |
| Kweneng TGLP      | 1              | -           | -      | -        | -           |
| Gantsi TGLP       | -              | -           | -      | -        | -           |
| Haina Veldt TGLP  | 1              | 1           | 2      | -        | -           |
| Nata TGLP         | -              | -           | -      | -        | -           |
| Lepasha TGLP      | -              | -           | -      | -        | -           |
| Barolong Farms    | -              | 1           | -      | 2        | 1           |
| Lethakane Farms   | -              | -           | -      | -        | -           |
| Total Commercial  | 2              | 9           | 5      | 4        | 1           |

TABLE 10.1A: GOATS HOLDINGS AND POPULATION BY GENDER AND BLOCK

| BLOCK             | Goats Holdings |              | Company Owned | Total Holdings | Goats Population |              | Company Owned | Total Population | Average Number of Goats per Holding |
|-------------------|----------------|--------------|---------------|----------------|------------------|--------------|---------------|------------------|-------------------------------------|
|                   | Male Owned     | Female Owned |               |                | Male Owned       | Female Owned |               |                  |                                     |
| Tuli Block        | 12             | 6            | -             | 18             | 586              | 298          | -             | 884              | 49                                  |
| Tati Block        | 31             | 5            | 1             | 37             | 1,909            | 214          | 57            | 2,180            | 59                                  |
| Gantsi Freehold   | 52             | 7            | -             | 59             | 5,372            | 395          | -             | 5,767            | 98                                  |
| Molopo Freehold   | 3              | -            | 1             | 4              | 126              | -            | 240           | 366              | 92                                  |
| Gaborone Freehold | -              | -            | -             | -              | -                | -            | -             | -                | -                                   |
| Pandamatenga      | 1              | -            | -             | 1              | 33               | -            | -             | 33               | 33                                  |
| Lobatse Freehold  | 5              | 1            | -             | 6              | 364              | 1            | -             | 365              | 61                                  |
| Sand Veldt TGLP   | 19             | 3            | 1             | 23             | 2,205            | 236          | 46            | 2,487            | 108                                 |
| Ngwaketse TGLP    | 29             | 1            | -             | 30             | 2,279            | 75           | -             | 2,354            | 78                                  |
| Kgalagadi TGLP    | 16             | 2            | -             | 18             | 1,494            | 99           | -             | 1,593            | 89                                  |
| Kweneng TGLP      | 37             | 2            | -             | 39             | 1,766            | 74           | -             | 1,840            | 47                                  |
| Gantsi TGLP       | 81             | 7            | -             | 88             | 6,779            | 317          | -             | 7,096            | 81                                  |
| Haina Veldt TGLP  | 32             | 5            | 2             | 39             | 4,189            | 623          | 92            | 4,904            | 126                                 |
| Nata TGLP         | 14             | -            | 1             | 15             | 445              | -            | 117           | 562              | 37                                  |
| Lepasha TGLP      | 5              | 2            | -             | 7              | 234              | 73           | -             | 307              | 44                                  |
| Barolong Farms    | 1              | -            | 2             | 3              | 67               | -            | 145           | 212              | 71                                  |
| Lethakane Farms   | 13             | 2            | -             | 15             | 822              | 109          | -             | 931              | 62                                  |
| Total Commercial  | 351            | 43           | 8             | 402            | 28,670           | 2,514        | 697           | 31,881           | 79                                  |

TABLE 10.1B: GOATS HOLDINGS AND POPULATION BY GENDER AND GOATS FLOCK SIZE

| Goats Flock Size | Goats Holdings |              | Company Owned | Total Holdings | Goats Population |              | Company Owned | Total Population | Average Number of Goats per Holding |
|------------------|----------------|--------------|---------------|----------------|------------------|--------------|---------------|------------------|-------------------------------------|
|                  | Male Owned     | Female Owned |               |                | Male Owned       | Female Owned |               |                  |                                     |
| 01 - 20          | 58             | 10           | -             | 68             | 771              | 137          | -             | 908              | 13                                  |
| 21 - 40          | 63             | 8            | 1             | 72             | 1,899            | 228          | 30            | 2,157            | 30                                  |
| 41 - 60          | 74             | 9            | 3             | 86             | 3,665            | 449          | 161           | 4,275            | 50                                  |
| 61 - 80          | 36             | 5            | 1             | 42             | 2,504            | 337          | 62            | 2,903            | 69                                  |
| 81 - 100         | 25             | 4            | 1             | 30             | 2,264            | 342          | 87            | 2,693            | 90                                  |
| 101 - 120        | 24             | 5            | 1             | 30             | 2,611            | 543          | 117           | 3,271            | 109                                 |
| 121 - 140        | 18             | -            | -             | 18             | 2,329            | -            | -             | 2,329            | 129                                 |
| 141 - 160        | 14             | -            | -             | 14             | 2,127            | -            | -             | 2,127            | 152                                 |
| 161 - 180        | 6              | -            | -             | 6              | 1,010            | -            | -             | 1,010            | 168                                 |
| 181 - 200        | 6              | 1            | -             | 7              | 1,126            | 187          | -             | 1,313            | 188                                 |
| 201 +            | 27             | 1            | 1             | 29             | 8,364            | 291          | 240           | 8,895            | 307                                 |
| Total Commercial | 351            | 43           | 8             | 402            | 28,670           | 2,514        | 697           | 31,881           | 79                                  |

TABLE 10.2A: GOATS COMPOSITION BY BLOCK

| BLOCK             | Male Goats | Female Goats | Male Kids | Female Kids | Total Goats |
|-------------------|------------|--------------|-----------|-------------|-------------|
| Tuli Block        | 171        | 496          | 100       | 117         | 884         |
| Tati Block        | 238        | 1,295        | 288       | 359         | 2,180       |
| Gantsi Freehold   | 848        | 3,487        | 723       | 709         | 5,767       |
| Molopo Freehold   | 88         | 213          | 30        | 35          | 366         |
| Gaborone Freehold | -          | -            | -         | -           | -           |
| Pandamatenga      | 4          | 20           | 6         | 3           | 33          |
| Lobatse Freehold  | 53         | 234          | 36        | 42          | 365         |
| Sand Veldt TGLP   | 288        | 1,368        | 362       | 469         | 2,487       |
| Ngwaketse TGLP    | 348        | 1,394        | 286       | 326         | 2,354       |
| Kgalagadi TGLP    | 263        | 937          | 200       | 193         | 1,593       |
| Kweneng TGLP      | 309        | 1,029        | 224       | 278         | 1,840       |
| Gantsi TGLP       | 798        | 4,473        | 782       | 1,043       | 7,096       |
| Haina Veldt TGLP  | 633        | 3,404        | 397       | 470         | 4,904       |
| Nata TGLP         | 137        | 277          | 67        | 81          | 562         |
| Lepasha TGLP      | 47         | 184          | 43        | 33          | 307         |
| Barolong Farms    | 17         | 173          | 10        | 12          | 212         |
| Lethakane Farms   | 108        | 570          | 113       | 140         | 931         |
| Total Commercial  | 4,350      | 19,554       | 3,667     | 4,310       | 31,881      |

TABLE 10.2B: GOATS COMPOSITION BY GOATS FLOCK SIZE

| Goats Flock Size | Male Goats | Female Goats | Male Kids | Female Kids | Total Goats |
|------------------|------------|--------------|-----------|-------------|-------------|
| 01 - 20          | 168        | 541          | 102       | 97          | 908         |
| 21 - 40          | 402        | 1,249        | 224       | 282         | 2,157       |
| 41 - 60          | 638        | 2,644        | 459       | 534         | 4,275       |
| 61 - 80          | 425        | 1,742        | 345       | 391         | 2,903       |
| 81 - 100         | 323        | 1,637        | 346       | 387         | 2,693       |
| 101 - 120        | 482        | 2,026        | 339       | 424         | 3,271       |
| 121 - 140        | 299        | 1,431        | 259       | 340         | 2,329       |
| 141 - 160        | 280        | 1,303        | 239       | 305         | 2,127       |
| 161 - 180        | 133        | 596          | 136       | 145         | 1,010       |
| 181 - 200        | 168        | 928          | 105       | 112         | 1,313       |
| 201 +            | 1,032      | 5,457        | 1,113     | 1,293       | 8,895       |
| Total Commercial | 4,350      | 19,554       | 3,667     | 4,310       | 31,881      |



TABLE 10.3: GOATS HOLDINGS BY TYPE OF BREED AND BLOCK

| BLOCK             | Boer | Sanaan | Tswana | Other |
|-------------------|------|--------|--------|-------|
| Tuli Block        | 13   | -      | 11     | 4     |
| Tati Block        | 31   | 1      | 13     | 6     |
| Gantsi Freehold   | 51   | -      | 10     | 1     |
| Molopo Freehold   | 4    | -      | -      | -     |
| Gaborone Freehold | -    | -      | -      | -     |
| Pandamatenga      | 1    | -      | -      | -     |
| Lobatse Freehold  | 3    | -      | 5      | 1     |
| Sand Veldt TGLP   | 21   | -      | 3      | 1     |
| Ngwaketse TGLP    | 24   | 2      | 6      | 3     |
| Kgalagadi TGLP    | 18   | -      | -      | -     |
| Kweneng TGLP      | 28   | -      | 22     | 6     |
| Gantsi TGLP       | 70   | -      | 18     | -     |
| Haina Veldt TGLP  | 28   | -      | 15     | 2     |
| Nata TGLP         | 11   | -      | 2      | 5     |
| Lepasha TGLP      | 5    | -      | 2      | -     |
| Barolong Farms    | 3    | -      | -      | -     |
| Lethakane Farms   | 10   | -      | 10     | 3     |
| Total Commercial  | 321  | 3      | 117    | 32    |

TABLE 10.4: GOATS POPULATION BY TYPE OF BREED AND BLOCK

| BLOCK             | Boer   | Sanaan | Tswana | Other | Total Goats Population |
|-------------------|--------|--------|--------|-------|------------------------|
| Tuli Block        | 439    | -      | 378    | 67    | 884                    |
| Tati Block        | 1,263  | 1      | 691    | 225   | 2,180                  |
| Gantsi Freehold   | 5,118  | -      | 565    | 84    | 5,767                  |
| Molopo Freehold   | 366    | -      | -      | -     | 366                    |
| Gaborone Freehold | -      | -      | -      | -     | -                      |
| Pandamatenga      | 33     | -      | -      | -     | 33                     |
| Lobatse Freehold  | 92     | -      | 132    | 141   | 365                    |
| Sand Veldt TGLP   | 2,346  | -      | 116    | 25    | 2,487                  |
| Ngwaketse TGLP    | 1,507  | 35     | 543    | 269   | 2,354                  |
| Kgalagadi TGLP    | 1,593  | -      | -      | -     | 1,593                  |
| Kweneng TGLP      | 901    | -      | 762    | 177   | 1,840                  |
| Gantsi TGLP       | 6,238  | -      | 858    | -     | 7,096                  |
| Haina Veldt TGLP  | 3,798  | -      | 1,047  | 59    | 4,904                  |
| Nata TGLP         | 206    | -      | 61     | 295   | 562                    |
| Lepasha TGLP      | 136    | -      | 171    | -     | 307                    |
| Barolong Farms    | 212    | -      | -      | -     | 212                    |
| Lethakane Farms   | 483    | -      | 418    | 30    | 931                    |
| Total Commercial  | 24,731 | 36     | 5,742  | 1,372 | 31,881                 |

TABLE 10.5A: GOATS INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY BLOCK

| BLOCK             | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|
| Tuli Block        | 34    | 36                  | 66        | 4       | 331    | 124    | 35         | 53     |
| Tati Block        | 287   | 105                 | 211       | 181     | 787    | 212    | 8          | 18     |
| Gantsi Freehold   | 379   | 221                 | 951       | (351)   | 2,288  | 1,238  | 46         | 267    |
| Molopo Freehold   | 32    | 22                  | -         | 54      | 92     | 46     | 3          | 1      |
| Gaborone Freehold | -     | -                   | -         | -       | -      | -      | -          | -      |
| Pandamatenga      | 16    | 2                   | 3         | 15      | 12     | 5      | -          | -      |
| Lobatse Freehold  | 22    | 16                  | 37        | 1       | 203    | 132    | 4          | 46     |
| Sand Veldt TGLP   | 105   | 111                 | 2         | 214     | 1,017  | 324    | 49         | 6      |
| Ngwaketse TGLP    | 275   | 147                 | 28        | 394     | 1,009  | 486    | 48         | 147    |
| Kgalagadi TGLP    | 311   | 147                 | 2         | 456     | 638    | 392    | 41         | 36     |
| Kweneng TGLP      | 66    | 159                 | 201       | 24      | 849    | 665    | 75         | 258    |
| Gantsi TGLP       | 962   | 401                 | 23        | 1,340   | 2,675  | 1,638  | 57         | 590    |
| Haina Veldt TGLP  | 242   | 222                 | 38        | 426     | 1,484  | 1,010  | 33         | 236    |
| Nata TGLP         | 74    | 46                  | -         | 120     | 203    | 82     | 1          | 32     |
| Lepasha TGLP      | 5     | 16                  | -         | 21      | 120    | 65     | 1          | 5      |
| Barolong Farms    | 7     | -                   | -         | 7       | 48     | 42     | -          | -      |
| Lethakane Farms   | 65    | 119                 | -         | 184     | 318    | 137    | 14         | 122    |
|                   |       |                     |           | -       |        |        |            |        |
| Total Commercial  | 2,882 | 1,770               | 1,562     | 3,090   | 12,074 | 6,598  | 415        | 1,817  |

NB: ( ) Denotes a negative number

TABLE 10.5B: PERCENTAGE: GOATS INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY BLOCK

| BLOCK             | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|
| Tuli Block        | 3.8   | 4.1                 | 7.5       | 0.5     | 37.4   | 14.0   | 4.0        | 6.0    |
| Tati Block        | 13.2  | 4.8                 | 9.7       | 8.3     | 36.1   | 9.7    | 0.4        | 0.8    |
| Gantsi Freehold   | 6.6   | 3.8                 | 16.5      | (6.1)   | 39.7   | 21.5   | 0.8        | 4.6    |
| Molopo Freehold   | 8.7   | 6.0                 | -         | 14.8    | 25.1   | 12.6   | 0.8        | 0.3    |
| Gaborone Freehold | -     | -                   | -         | -       | -      | -      | -          | -      |
| Pandamatenga      | 48.5  | 6.1                 | 9.1       | 45.5    | 36.4   | 15.2   | -          | -      |
| Lobatse Freehold  | 6.0   | 4.4                 | 10.1      | 0.3     | 55.6   | 36.2   | 1.1        | 12.6   |
| Sand Veldt TGLP   | 4.2   | 4.5                 | 0.1       | 8.6     | 40.9   | 13.0   | 2.0        | 0.2    |
| Ngwaketse TGLP    | 11.7  | 6.2                 | 1.2       | 16.7    | 42.9   | 20.6   | 2.0        | 6.2    |
| Kgalagadi TGLP    | 19.5  | 9.2                 | 0.1       | 28.6    | 40.1   | 24.6   | 2.6        | 2.3    |
| Kweneng TGLP      | 3.6   | 8.6                 | 10.9      | 1.3     | 46.1   | 36.1   | 4.1        | 14.0   |
| Gantsi TGLP       | 13.6  | 5.7                 | 0.3       | 18.9    | 37.7   | 23.1   | 0.8        | 8.3    |
| Haina Veldt TGLP  | 4.9   | 4.5                 | 0.8       | 8.7     | 30.3   | 20.6   | 0.7        | 4.8    |
| Nata TGLP         | 13.2  | 8.2                 | -         | 21.4    | 36.1   | 14.6   | 0.2        | 5.7    |
| Lepasha TGLP      | 1.6   | 5.2                 | -         | 6.8     | 39.1   | 21.2   | 0.3        | 1.6    |
| Barolong Farms    | 3.3   | -                   | -         | 3.3     | 22.6   | 19.8   | -          | -      |
| Lethakane Farms   | 7.0   | 12.8                | -         | 19.8    | 34.2   | 14.7   | 1.5        | 13.1   |
| Total Commercial  | 9.0   | 5.6                 | 4.9       | 9.7     | 37.9   | 20.7   | 1.3        | 5.7    |

NB: ( ) Denotes a negative number

TABLE 10.5C: GOATS INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY GOATS FLOCK SIZE

| Goat Flock Size  | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|
| 01 - 20          | 187   | 131                 | 33        | 285     | 464    | 467    | 37         | 350    |
| 21 - 40          | 60    | 194                 | 62        | 192     | 931    | 615    | 35         | 241    |
| 41 - 60          | 398   | 370                 | 112       | 656     | 1,595  | 988    | 86         | 216    |
| 61 - 80          | 197   | 167                 | 11        | 353     | 1,221  | 862    | 62         | 317    |
| 81 - 100         | 300   | 123                 | 49        | 374     | 1,048  | 511    | 31         | 136    |
| 101 - 120        | 401   | 212                 | 79        | 534     | 1,247  | 897    | 52         | 258    |
| 121 - 140        | 113   | 110                 | 160       | 63      | 943    | 423    | 32         | 98     |
| 141 - 160        | 121   | 127                 | -         | 248     | 749    | 336    | 11         | 26     |
| 161 - 180        | 63    | 67                  | 60        | 70      | 363    | 118    | 15         | 8      |
| 181 - 200        | 231   | 43                  | -         | 274     | 318    | 153    | 9          | 31     |
| 201 +            | 811   | 226                 | 996       | 41      | 3,195  | 1,228  | 45         | 136    |
| Total Commercial | 2,882 | 1,770               | 1,562     | 3,090   | 12,074 | 6,598  | 415        | 1,817  |

TABLE 10.6: GOATS SALES AND REVENUE RECEIVED (PULA) ) BY BLOCK

| BLOCK             | Holdings Selling Goats |            | Total Goats Sales |            | Total Revenue<br>Received (Pula) | Total Revenue<br>Per Holding(Pula) | Average Price<br>Per Head (Pula) |
|-------------------|------------------------|------------|-------------------|------------|----------------------------------|------------------------------------|----------------------------------|
|                   | Number                 | Percentage | Number            | Percentage |                                  |                                    |                                  |
| Tuli Block        | 3                      | 2.0        | 34                | 1.0        | 7,200                            | 2,400                              | 212                              |
| Tati Block        | 11                     | 7.3        | 287               | 10.0       | 77,200                           | 7,018                              | 269                              |
| Gantsi Freehold   | 22                     | 14.7       | 379               | 13.0       | 102,873                          | 4,676                              | 271                              |
| Molopo Freehold   | 2                      | 1.3        | 32                | 1.0        | 4,750                            | 2,375                              | 148                              |
| Gaborone Freehold | -                      | -          | -                 | -          | -                                | -                                  | -                                |
| Pandamatenga      | 1                      | 0.7        | 16                | 1.0        | 3,200                            | 3,200                              | 200                              |
| Lobatse Freehold  | 3                      | 2.0        | 22                | 1.0        | 2,950                            | 983                                | 134                              |
| Sand Veldt TGLP   | 4                      | 2.7        | 105               | 4.0        | 25,537                           | 6,384                              | 243                              |
| Ngwaketse TGLP    | 9                      | 6.0        | 275               | 10.0       | 81,040                           | 9,004                              | 295                              |
| Kgalagadi TGLP    | 9                      | 6.0        | 311               | 11.0       | 65,490                           | 7,277                              | 211                              |
| Kweneng TGLP      | 9                      | 6.0        | 66                | 2.0        | 19,650                           | 2,183                              | 298                              |
| Gantsi TGLP       | 48                     | 32.0       | 962               | 33.0       | 262,501                          | 5,469                              | 273                              |
| Haina Veldt TGLP  | 19                     | 12.7       | 242               | 8.0        | 55,065                           | 2,898                              | 228                              |
| Nata TGLP         | 2                      | 1.3        | 74                | 3.0        | 18,400                           | 9,200                              | 249                              |
| Lepasha TGLP      | 2                      | 1.3        | 5                 | -          | 2,050                            | 1,025                              | 410                              |
| Barolong Farms    | 1                      | 0.7        | 7                 | -          | 1,700                            | 1,700                              | 243                              |
| Lethakane Farms   | 5                      | 3.3        | 65                | 2.0        | 18,500                           | 3,700                              | 285                              |
| Total Commercial  | 150                    | 100.0      | 2,882             | 100.0      | 748,106                          | 4,987                              | 260                              |

TABLE 10.7: GOATS PURCHASES AND COST INCURRED (PULA) BY BLOCK

| BLOCK             | Holdings Purchasing Goats |            | Total Goats Purchases |            | Total Costs     | Total Costs        | Average Cost    |
|-------------------|---------------------------|------------|-----------------------|------------|-----------------|--------------------|-----------------|
|                   | Number                    | Percentage | Number                | Percentage | Incurred (Pula) | Per Holding (Pula) | Per Goat (Pula) |
| Tuli Block        | 3                         | 7.1        | 66                    | 4.2        | 15,700          | 5,233              | 238             |
| Tati Block        | 8                         | 19.0       | 211                   | 13.5       | 48,950          | 6,119              | 232             |
| Gantsi Freehold   | 8                         | 19.0       | 951                   | 60.9       | 305,230         | 38,154             | 321             |
| Molopo Freehold   | -                         | -          | -                     | -          | -               | -                  | -               |
| Gaborone Freehold | -                         | -          | -                     | -          | -               | -                  | -               |
| Pandamatenga      | 1                         | 2.4        | 3                     | 0.2        | 600             | 600                | 200             |
| Lobatse Freehold  | 2                         | 4.8        | 37                    | 2.4        | 10,250          | 5,125              | 277             |
| Sand Veldt TGLP   | 1                         | 2.4        | 2                     | 0.1        | 300             | 300                | 150             |
| Ngwaketse TGLP    | 1                         | 2.4        | 28                    | 1.8        | 4,300           | 4,300              | 154             |
| Kgalagadi TGLP    | 1                         | 2.4        | 2                     | 0.1        | 468             | 468                | 234             |
| Kweneng TGLP      | 6                         | 14.3       | 201                   | 12.9       | 47,850          | 7,975              | 238             |
| Gantsi TGLP       | 6                         | 14.3       | 23                    | 1.5        | 5,110           | 852                | 222             |
| Haina Veldt TGLP  | 5                         | 11.9       | 38                    | 2.4        | 8,500           | 1,700              | 224             |
| Nata TGLP         | -                         | -          | -                     | -          | -               | -                  | -               |
| Lepasha TGLP      | -                         | -          | -                     | -          | -               | -                  | -               |
| Barolong Farms    | -                         | -          | -                     | -          | -               | -                  | -               |
| Lethakane Farms   | -                         | -          | -                     | -          | -               | -                  | -               |
| Total Commercial  | 42                        | 100.0      | 1,562                 | 100.0      | 447,258         | 10,649             | 286             |

TABLE 10.8A: SHEEP HOLDINGS AND POPULATION BY GENDER AND BLOCK

| BLOCK             | Sheep Holdings |              |               | Total Holdings | Sheep Population |              |               | Total Population | Average Number of Sheep per Holding |
|-------------------|----------------|--------------|---------------|----------------|------------------|--------------|---------------|------------------|-------------------------------------|
|                   | Male Owned     | Female Owned | Company Owned |                | Male Owned       | Female Owned | Company Owned |                  |                                     |
| Tuli Block        | 7              | 6            | -             | 13             | 142              | 209          | -             | 351              | 27                                  |
| Tati Block        | 19             | 3            | 1             | 23             | 465              | 86           | 28            | 579              | 25                                  |
| Gantsi Freehold   | 38             | 4            | -             | 42             | 2,993            | 287          | -             | 3,280            | 78                                  |
| Molopo Freehold   | 3              | -            | 2             | 5              | 188              | -            | 312           | 500              | 100                                 |
| Gaborone Freehold | -              | -            | -             | -              | -                | -            | -             | -                | -                                   |
| Pandamatenga      | 2              | -            | -             | 2              | 163              | -            | -             | 163              | 82                                  |
| Lobatse Freehold  | 5              | 2            | -             | 7              | 129              | 4            | -             | 133              | 19                                  |
| Sand Veldt TGLP   | 11             | 2            | -             | 13             | 441              | 16           | -             | 457              | 35                                  |
| Ngwaketse TGLP    | 19             | 1            | -             | 20             | 760              | 11           | -             | 771              | 39                                  |
| Kgalagadi TGLP    | 14             | -            | -             | 14             | 1,741            | -            | -             | 1,741            | 124                                 |
| Kweneng TGLP      | 13             | 2            | -             | 15             | 359              | 17           | -             | 376              | 25                                  |
| Gantsi TGLP       | 40             | 3            | -             | 43             | 1,576            | 199          | -             | 1,775            | 41                                  |
| Haina Veldt TGLP  | 24             | 3            | 1             | 29             | 970              | 77           | 18            | 1,065            | 37                                  |
| Nata TGLP         | 1              | -            | -             | 1              | 16               | -            | -             | 16               | 16                                  |
| Lepasha TGLP      | 1              | 1            | -             | 2              | 26               | 17           | -             | 43               | 22                                  |
| Barolong Farms    | 1              | -            | 2             | 3              | 65               | -            | 228           | 293              | 98                                  |
| Lethakane Farms   | 7              | 1            | -             | 8              | 185              | 6            | -             | 191              | 24                                  |
| Total Commercial  | 205            | 28           | 6             | 239            | 10,219           | 929          | 586           | 11,734           | 49                                  |

TABLE 10.8B: SHEEP HOLDINGS AND POPULATION BY GENDER AND SHEEP FLOCK SIZE

| Sheep Flock Size | Sheep Holdings |              |               | Total Holdings | Sheep Population |              |               | Total Population | Average Number of Sheep per Holding |
|------------------|----------------|--------------|---------------|----------------|------------------|--------------|---------------|------------------|-------------------------------------|
|                  | Male Owned     | Female Owned | Company Owned |                | Male Owned       | Female Owned | Company Owned |                  |                                     |
| 01 - 20          | 83             | 15           | 2             | 100            | 849              | 144          | 30            | 1,023            | 10                                  |
| 21 - 40          | 49             | 7            | 1             | 57             | 1,435            | 212          | 28            | 1,675            | 29                                  |
| 41 - 60          | 22             | 2            | -             | 24             | 1,086            | 89           | -             | 1,175            | 49                                  |
| 61 - 80          | 16             | 2            | -             | 18             | 1,123            | 138          | -             | 1,261            | 70                                  |
| 81 - 100         | 4              | -            | 1             | 5              | 343              | -            | 84            | 427              | 85                                  |
| 101 - 120        | 8              | -            | -             | 8              | 867              | -            | -             | 867              | 108                                 |
| 121 - 140        | 8              | -            | -             | 8              | 1,019            | -            | -             | 1,019            | 127                                 |
| 141 - 160        | 1              | 1            | 1             | 3              | 145              | 151          | 144           | 440              | 147                                 |
| 161 - 180        | 2              | -            | -             | 2              | 342              | -            | -             | 342              | 171                                 |
| 181 - 200        | 3              | 1            | -             | 4              | 555              | 195          | -             | 750              | 188                                 |
| 201 +            | 9              | -            | 1             | 10             | 2,455            | -            | 300           | 2,755            | 276                                 |
| Total Commercial | 205            | 28           | 6             | 239            | 10,219           | 929          | 586           | 11,734           | 49                                  |

TABLE 10.9A: SHEEP COMPOSITION BY BLOCK

| BLOCK             | Male Sheep | Female Sheep | Male Lambs | Female Lambs | Total Sheep |
|-------------------|------------|--------------|------------|--------------|-------------|
| Tuli Block        | 94         | 172          | 48         | 37           | 351         |
| Tati Block        | 106        | 353          | 42         | 78           | 579         |
| Gantsi Freehold   | 560        | 2,042        | 331        | 347          | 3,280       |
| Molopo Freehold   | 185        | 235          | 40         | 40           | 500         |
| Gaborone Freehold | -          | -            | -          | -            | -           |
| Pandamatenga      | 28         | 130          | 2          | 3            | 163         |
| Lobatse Freehold  | 20         | 79           | 18         | 16           | 133         |
| Sand Veldt TGLP   | 75         | 242          | 61         | 79           | 457         |
| Ngwaketse TGLP    | 117        | 430          | 94         | 130          | 771         |
| Kgalagadi TGLP    | 246        | 1,161        | 163        | 171          | 1,741       |
| Kweneng TGLP      | 76         | 182          | 53         | 65           | 376         |
| Gantsi TGLP       | 228        | 1,109        | 193        | 245          | 1,775       |
| Haina Veldt TGLP  | 187        | 708          | 81         | 89           | 1,065       |
| Nata TGLP         | 4          | 10           | 1          | 1            | 16          |
| Lepasha TGLP      | 7          | 27           | 5          | 4            | 43          |
| Barolong Farms    | 61         | 199          | 17         | 16           | 293         |
| Lethakane Farms   | 31         | 113          | 20         | 27           | 191         |
| Total Commercial  | 2,025      | 7,192        | 1,169      | 1,348        | 11,734      |

TABLE 10.9B: SHEEP COMPOSITION BY SHEEP FLOCK SIZE

| SHEEP FLOCK SIZE | Male Sheep | Female Sheep | Male Lambs | Female Lambs | Total Sheep |
|------------------|------------|--------------|------------|--------------|-------------|
| 01 - 20          | 215        | 606          | 97         | 105          | 1023        |
| 21 - 40          | 350        | 977          | 153        | 195          | 1675        |
| 41 - 60          | 180        | 760          | 108        | 127          | 1175        |
| 61 - 80          | 181        | 749          | 142        | 189          | 1261        |
| 81 - 100         | 78         | 247          | 52         | 50           | 427         |
| 101 - 120        | 120        | 550          | 90         | 107          | 867         |
| 121 - 140        | 198        | 593          | 107        | 121          | 1019        |
| 141 - 160        | 59         | 311          | 30         | 40           | 440         |
| 161 - 180        | 53         | 227          | 30         | 32           | 342         |
| 181 - 200        | 119        | 490          | 70         | 71           | 750         |
| 201 +            | 472        | 1682         | 290        | 311          | 2755        |
| Total Commercial | 2025       | 7192         | 1169       | 1348         | 11734       |



TABLE 10.10: SHEEP HOLDINGS BY TYPE OF BREED AND BLOCK

| BLOCK             | Dorper | Karakul | Tswana | Other |
|-------------------|--------|---------|--------|-------|
| Tuli Block        | 8      | 1       | 7      | 5     |
| Tati Block        | 10     | 1       | 11     | 5     |
| Gantsi Freehold   | 28     | -       | 4      | 14    |
| Molopo Freehold   | 5      | -       | -      | 1     |
| Gaborone Freehold | -      | -       | -      | -     |
| Pandamatenga      | 1      | -       | 1      | 1     |
| Lobatse Freehold  | 3      | -       | 4      | -     |
| Sand Veldt TGLP   | 5      | 1       | 8      | 4     |
| Ngwaketse TGLP    | 14     | -       | 5      | 4     |
| Kgalagadi TGLP    | 11     | 2       | 1      | 3     |
| Kweneng TGLP      | 10     | 2       | 5      | 2     |
| Gantsi TGLP       | 34     | 2       | 5      | 3     |
| Haina Veldt TGLP  | 15     | -       | 11     | 3     |
| Nata TGLP         | 1      | -       | -      | -     |
| Lepasha TGLP      | 2      | -       | 1      | -     |
| Barolong Farms    | 2      | -       | 1      | -     |
| Lethakane Farms   | 4      | -       | 7      | 2     |
| Total Commercial  | 153    | 9       | 71     | 47    |

TABLE 10.11: SHEEP POPULATION BY TYPE OF BREED AND BLOCK

| BLOCK             | Dorper | Karakul | Tswana | Other | Total Sheep Population |
|-------------------|--------|---------|--------|-------|------------------------|
| Tuli Block        | 93     | 9       | 106    | 143   | 351                    |
| Tati Block        | 146    | 1       | 185    | 247   | 579                    |
| Gantsi Freehold   | 1,817  | -       | 125    | 1,338 | 3,280                  |
| Molopo Freehold   | 350    | -       | -      | 150   | 500                    |
| Gaborone Freehold | -      | -       | -      | -     | -                      |
| Pandamatenga      | 158    | -       | 1      | 4     | 163                    |
| Lobatse Freehold  | 69     | -       | 64     | -     | 133                    |
| Sand Veldt TGLP   | 112    | 1       | 192    | 152   | 457                    |
| Ngwaketse TGLP    | 438    | -       | 65     | 268   | 771                    |
| Kgalagadi TGLP    | 887    | 204     | 6      | 644   | 1,741                  |
| Kweneng TGLP      | 238    | 43      | 32     | 63    | 376                    |
| Gantsi TGLP       | 1,574  | 38      | 56     | 107   | 1,775                  |
| Haina Veldt TGLP  | 654    | -       | 359    | 52    | 1,065                  |
| Nata TGLP         | 16     | -       | -      | -     | 16                     |
| Lepasha TGLP      | 30     | -       | 13     | -     | 43                     |
| Barolong Farms    | 149    | -       | 144    | -     | 293                    |
| Lethakane Farms   | 35     | -       | 136    | 20    | 191                    |
| Total Commercial  | 6,766  | 296     | 1,484  | 3,188 | 11,734                 |

TABLE 10.12A: SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY BLOCK

| BLOCK             | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|
| Tuli Block        | 6     | 11                  | 17        | -       | 110    | 61     | -          | 7      |
| Tati Block        | 16    | 26                  | 25        | 17      | 133    | 31     | 2          | 35     |
| Gantsi Freehold   | 274   | 254                 | 45        | 483     | 1,037  | 619    | 11         | 164    |
| Molopo Freehold   | 20    | 30                  | 25        | 25      | 115    | 46     | 2          | 40     |
| Gaborone Freehold | -     | -                   | -         | -       | -      | -      | -          | -      |
| Pandamatenga      | 214   | 10                  | 2         | 222     | 35     | 15     | 12         | -      |
| Lobatse Freehold  | -     | 13                  | 2         | 11      | 58     | 38     | 2          | 12     |
| Sand Veldt TGLP   | 15    | 11                  | 24        | 2       | 166    | 46     | 1          | 1      |
| Ngwaketse TGLP    | 29    | 43                  | -         | 72      | 293    | 87     | 7          | 67     |
| Kgalagadi TGLP    | 164   | 146                 | 5         | 305     | 512    | 285    | 23         | 15     |
| Kweneng TGLP      | 30    | 34                  | 10        | 54      | 155    | 88     | 11         | 40     |
| Gantsi TGLP       | 109   | 97                  | 17        | 189     | 565    | 217    | 29         | 66     |
| Haina Veldt TGLP  | 94    | 69                  | 58        | 105     | 289    | 208    | 15         | 86     |
| Nata TGLP         | -     | 1                   | -         | 1       | 4      | 5      | 1          | -      |
| Lepasha TGLP      | -     | 3                   | -         | 3       | 14     | 2      | -          | 4      |
| Barolong Farms    | 54    | -                   | -         | 54      | 56     | 41     | 1          | 1      |
| Lethakane Farms   | -     | 12                  | -         | 12      | 62     | 33     | 4          | 24     |
| Total Commercial  | 1,025 | 760                 | 230       | 1,555   | 3,604  | 1,822  | 121        | 562    |

TABLE 10.12B: PERCENTAGE: SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY BLOCK

| BLOCK             | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|-------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|
| Tuli Block        | 1.7   | 3.1                 | 4.8       | -       | 31.3   | 17.4   | -          | 2.0    |
| Tati Block        | 2.8   | 4.5                 | 4.3       | 2.9     | 23.0   | 5.4    | 0.3        | 6.0    |
| Gantsi Freehold   | 8.4   | 7.7                 | 1.4       | 14.7    | 31.6   | 18.9   | 0.3        | 5.0    |
| Molopo Freehold   | 4.0   | 6.0                 | 5.0       | 5.0     | 23.0   | 9.2    | 0.4        | 8.0    |
| Gaborone Freehold | -     | -                   | -         | -       | -      | -      | -          | -      |
| Pandamatenga      | 131.3 | 6.1                 | 1.2       | 136.2   | 21.5   | 9.2    | 7.4        | -      |
| Lobatse Freehold  | -     | 9.8                 | 1.5       | 8.3     | 43.6   | 28.6   | 1.5        | 9.0    |
| Sand Veldt TGLP   | 3.3   | 2.4                 | 5.3       | 0.4     | 36.3   | 10.1   | 0.2        | 0.2    |
| Ngwaketse TGLP    | 3.8   | 5.6                 | -         | 9.3     | 38.0   | 11.3   | 0.9        | 8.7    |
| Kgalagadi TGLP    | 9.4   | 8.4                 | 0.3       | 17.5    | 29.4   | 16.4   | 1.3        | 0.9    |
| Kweneng TGLP      | 8.0   | 9.0                 | 2.7       | 14.4    | 41.2   | 23.4   | 2.9        | 10.6   |
| Gantsi TGLP       | 6.1   | 5.5                 | 1.0       | 10.6    | 31.8   | 12.2   | 1.6        | 3.7    |
| Haina Veldt TGLP  | 8.8   | 6.5                 | 5.4       | 9.9     | 27.1   | 19.5   | 1.4        | 8.1    |
| Nata TGLP         | -     | 6.3                 | -         | 6.3     | 25.0   | 31.3   | 6.3        | -      |
| Lepasha TGLP      | -     | 7.0                 | -         | 7.0     | 32.6   | 4.7    | -          | 9.3    |
| Barolong Farms    | 18.4  | -                   | -         | 18.4    | 19.1   | 14.0   | 0.3        | 0.3    |
| Lethakane Farms   | -     | 6.3                 | -         | 6.3     | 32.5   | 17.3   | 2.1        | 12.6   |
| Total Commercial  | 8.7   | 6.5                 | 2.0       | 13.3    | 30.7   | 15.5   | 1.0        | 4.8    |

TABLE 10.12C SHEEP INVENTORY ( BIRTHS, DEATHS, OFFTAKE ...) BY SHEEP FLOCK SIZE

| Sheep Flock size | Sales | Home<br>Consumption | Purchases | Offtake | Births | Deaths | Given Away | Losses |
|------------------|-------|---------------------|-----------|---------|--------|--------|------------|--------|
| 01 - 20          | 194   | 76                  | 85        | 185     | 369    | 304    | 11         | 106    |
| 21 - 40          | 39    | 104                 | 52        | 91      | 547    | 325    | 19         | 100    |
| 41 - 60          | 145   | 110                 | 48        | 207     | 315    | 164    | 16         | 34     |
| 61 - 80          | 196   | 100                 | -         | 296     | 466    | 213    | 22         | 112    |
| 81 - 100         | 10    | 17                  | 2         | 25      | 123    | 30     | 2          | 67     |
| 101 - 120        | 65    | 50                  | 13        | 102     | 256    | 64     | 3          | 30     |
| 121 - 140        | 25    | 37                  | 28        | 34      | 282    | 118    | 6          | 39     |
| 141 - 160        | 66    | 33                  | -         | 99      | 122    | 67     | 21         | 11     |
| 161 - 180        | 50    | 18                  | 2         | 66      | 70     | 18     | 12         | -      |
| 181 - 200        | 110   | 67                  | -         | 177     | 166    | 67     | 2          | 6      |
| 201 +            | 125   | 148                 | -         | 273     | 888    | 452    | 7          | 57     |
| Total Commercial | 1,025 | 760                 | 230       | 1,555   | 3,604  | 1,822  | 121        | 562    |

TABLE 10.13 SHEEP SALES AND REVENUE RECEIVED (PULA) BY BLOCK

| BLOCK             | Holdings Selling Sheep |            | Total Sheep Sales |            | Total Revenue   | Total Revenue      | Average Price   |
|-------------------|------------------------|------------|-------------------|------------|-----------------|--------------------|-----------------|
|                   | Number                 | Percentage | Number            | Percentage | Received (Pula) | Per Holding (Pula) | Per Sheep(Pula) |
| Tuli Block        | 1                      | 1.9        | 6                 | 0.6        | 1,200           | 1,200              | 200             |
| Tati Block        | 4                      | 7.6        | 16                | 1.6        | 4,428           | 1,107              | 277             |
| Gantsi Freehold   | 11                     | 20.7       | 274               | 26.7       | 70,525          | 6,411              | 257             |
| Molopo Freehold   | 1                      | 1.9        | 20                | 2.0        | 4,000           | 4,000              | 200             |
| Gaborone Freehold | -                      | -          | -                 | -          | -               | -                  | -               |
| Pandamatenga      | 3                      | 5.7        | 214               | 20.8       | 50,000          | 16,667             | 234             |
| Lobatse Freehold  | -                      | -          | -                 | -          | -               | -                  | -               |
| Sand Veldt TGLP   | 1                      | 1.9        | 15                | 1.5        | 4,500           | 4,500              | 300             |
| Ngwaketse TGLP    | 3                      | 5.7        | 29                | 2.8        | 11,900          | 3,967              | 410             |
| Kgalagadi TGLP    | 6                      | 11.3       | 164               | 16.0       | 36,710          | 6,118              | 224             |
| Kweneng TGLP      | 2                      | 3.7        | 30                | 2.9        | 10,000          | 5,000              | 333             |
| Gantsi TGLP       | 11                     | 20.7       | 109               | 10.6       | 28,340          | 2,576              | 260             |
| Haina Veldt TGLP  | 9                      | 17.0       | 94                | 9.2        | 30,540          | 3,393              | 325             |
| Nata TGLP         | -                      | -          | -                 | -          | -               | -                  | -               |
| Lepasha TGLP      | -                      | -          | -                 | -          | -               | -                  | -               |
| Barolong Farms    | 1                      | 1.9        | 54                | 5.3        | 17,630          | 17,630             | 326             |
| Lethakane Farms   | -                      | -          | -                 | -          | -               | -                  | -               |
| Total Commercial  | 53                     | 100.0      | 1,025             | 100.0      | 269,773         | 5,090              | 263             |

TABLE 10.14 SHEEP PURCHASES AND COST INCURRED (PULA) BY BLOCK

| BLOCK             | Holdings Purchasing Sheep |            | Total Sheep Purchases |            | Total Costs     | Total Costs       | Average Cost     |
|-------------------|---------------------------|------------|-----------------------|------------|-----------------|-------------------|------------------|
|                   | Number                    | Percentage | Number                | Percentage | Incurred (Pula) | Per Holding(Pula) | Per Sheep (Pula) |
| Tuli Block        | 3                         | 10.3       | 17                    | 7.4        | 4,280           | 1,427             | 252              |
| Tati Block        | 5                         | 17.2       | 25                    | 10.9       | 10,725          | 2,145             | 429              |
| Gantsi Freehold   | 6                         | 20.7       | 45                    | 19.6       | 11,290          | 1,882             | 251              |
| Molopo Freehold   | 1                         | 3.5        | 25                    | 10.9       | 6,750           | 6,750             | 270              |
| Gaborone Freehold | -                         | -          | -                     | -          | -               | -                 | -                |
| Pandamatenga      | 1                         | 3.5        | 2                     | 0.9        | 240             | 240               | 120              |
| Lobatse Freehold  | 2                         | 6.9        | 2                     | 0.9        | 900             | 450               | 450              |
| Sand Veldt TGLP   | 2                         | 6.9        | 24                    | 10.4       | 5,800           | 2,900             | 242              |
| Ngwaketse TGLP    | -                         | -          | -                     | -          | -               | -                 | -                |
| Kgalagadi TGLP    | 2                         | 6.9        | 5                     | 2.2        | 2,340           | 1,170             | 468              |
| Kweneng TGLP      | 1                         | 3.5        | 10                    | 4.3        | 1,300           | 1,300             | 130              |
| Gantsi TGLP       | 4                         | 13.7       | 17                    | 7.3        | 4,160           | 1,040             | 245              |
| Haina Veldt TGLP  | 2                         | 6.9        | 58                    | 25.2       | 14,500          | 7,250             | 250              |
| Nata TGLP         | -                         | -          | -                     | -          | -               | -                 | -                |
| Lepasha TGLP      | -                         | -          | -                     | -          | -               | -                 | -                |
| Barolong Farms    | -                         | -          | -                     | -          | -               | -                 | -                |
| Lethakane Farms   | -                         | -          | -                     | -          | -               | -                 | -                |
|                   |                           | -          |                       |            |                 |                   |                  |
| Total Commercial  | 29                        | 100.0      | 230                   | 100.0      | 62,285          | 2,148             | 271              |

TABLE 11.1: LAND HOLDINGS, LAND AREA (HECTARES), AREA PLANTED AND HARVESTED (HECTARES) BY BLOCK

| Block             | Number of<br>Land<br>Holdings | Number of<br>Holdings<br>Planted | Number of<br>Holdings<br>Harvested | Total<br>Area<br>Planted (ha) | Total<br>Area<br>Harvested (ha) | Area Planted<br>Per Crop<br>Holding (ha) | Area Harvested<br>per crop<br>Holding (ha) |
|-------------------|-------------------------------|----------------------------------|------------------------------------|-------------------------------|---------------------------------|------------------------------------------|--------------------------------------------|
| Tuli Block        | 4                             | 3                                | 3                                  | 50                            | 50                              | 167                                      | 167                                        |
| Tati Block        | 16                            | 11                               | 9                                  | 70                            | 55                              | 63                                       | 61                                         |
| Gantsi Freehold   | 10                            | 2                                | -                                  | 6                             | -                               | 30                                       | -                                          |
| Molopo Freehold   | -                             | -                                | -                                  | -                             | -                               | -                                        | -                                          |
| Gaborone Freehold | -                             | -                                | -                                  | -                             | -                               | -                                        | -                                          |
| Pandamatenga      | 38                            | 38                               | 37                                 | 16,372                        | 15,768                          | 4,308                                    | 4,262                                      |
| Lobatse Freehold  | 9                             | 5                                | 4                                  | 33                            | 28                              | 66                                       | 70                                         |
| Sand Veldt TGLP   | 2                             | -                                | -                                  | -                             | -                               | -                                        | -                                          |
| Ngwaketse TGLP    | 2                             | 2                                | 2                                  | 103                           | 103                             | 516                                      | 516                                        |
| Kgalagadi TGLP    | 1                             | -                                | -                                  | -                             | -                               | -                                        | -                                          |
| Kweneng TGLP      | 1                             | 1                                | 1                                  | 104                           | 104                             | 1,040                                    | 1,040                                      |
| Gantsi TGLP       | 7                             | 1                                | 1                                  | 2                             | 2                               | 15                                       | 15                                         |
| Haina Veldt TGLP  | 6                             | 4                                | 3                                  | 10                            | 5                               | 25                                       | 17                                         |
| Nata TGLP         | 1                             | -                                | -                                  | -                             | -                               | -                                        | -                                          |
| Lepasha TGLP      | -                             | -                                | -                                  | -                             | -                               | -                                        | -                                          |
| Barolong Farms    | 2                             | 2                                | 2                                  | 102                           | 86                              | 509                                      | 428                                        |
| Letlhakane Farms  | 1                             | 1                                | 1                                  | 6                             | 6                               | 60                                       | 60                                         |
| Total Commercial  | 100                           | 70                               | 63                                 | 16,857                        | 16,207                          | 6,799                                    | 6,635                                      |

TABLE 11.2: HOLDINGS PLANTED BY TYPE OF CROP AND BY BLOCK.

| Block             | Sorghum | Maize | Pearl\<br>Finger Millet | Pulses/<br>Cow Peas | SunFlower | Wheat | Cotton | Other Crops |
|-------------------|---------|-------|-------------------------|---------------------|-----------|-------|--------|-------------|
| Tuli Block        | -       | -     | -                       | -                   | -         | -     | -      | 1           |
| Tati Block        | 5       | 7     | 2                       | 5                   | 2         | 2     | -      | 1           |
| Gantsi Freehold   | -       | 1     | -                       | -                   | -         | -     | -      | -           |
| Molopo Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Gaborone Freehold | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Pandamatenga      | 30      | 3     | -                       | 4                   | 15        | -     | 4      | 3           |
| Lobatse Freehold  | -       | 2     | 1                       | 1                   | -         | -     | -      | 1           |
| Sand Veldt TGLP   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Ngwaketse TGLP    | 2       | 2     | -                       | 1                   | -         | -     | -      | -           |
| Kgalagadi TGLP    | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Kweneng TGLP      | 1       | 1     | -                       | -                   | -         | -     | -      | -           |
| Gantsi TGLP       | -       | -     | -                       | 1                   | -         | -     | -      | -           |
| Haina Veldt TGLP  | -       | 3     | -                       | 2                   | -         | -     | -      | 2           |
| Nata TGLP         | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Lepasha TGLP      | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Barolong Farms    | 1       | 1     | -                       | -                   | -         | -     | -      | -           |
| Lethakane Farms   | -       | 1     | -                       | -                   | -         | -     | -      | -           |
| Total Commercial  | 39      | 21    | 3                       | 14                  | 17        | 2     | 4      | 8           |



TABLE 11.3: AREA PLANTED (HECTARES) BY TYPE OF CROP AND BY BLOCK.

| Block             | Sorghum | Maize | Pearl/<br>Finger Millet | Pulses/<br>Cow Peas | SunFlower | Wheat | Cotton | Other Crops | Total Area Planted |
|-------------------|---------|-------|-------------------------|---------------------|-----------|-------|--------|-------------|--------------------|
| Tuli Block        | -       | -     | -                       | -                   | -         | -     | -      | 2           | 2                  |
| Tati Block        | 14      | 29    | 2                       | 9                   | 3         | 1     | -      | 2           | 60                 |
| Gantsi Freehold   | -       | 6     | -                       | -                   | -         | -     | -      | -           | 6                  |
| Molopo Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           | -                  |
| Gaborone Freehold | -       | -     | -                       | -                   | -         | -     | -      | -           | -                  |
| Pandamatenga      | 11,707  | 385   | -                       | 497                 | 2,753     | -     | 410    | 408         | 16,160             |
| Lobatse Freehold  | -       | 2     | 1                       | 15                  | -         | -     | -      | 6           | 24                 |
| Sand Veldt TGLP   | -       | -     | -                       | -                   | -         | -     | -      | -           | -                  |
| Ngwaketse TGLP    | 46      | 47    | -                       | 10                  | -         | -     | -      | -           | 103                |
| Kgalagadi TGLP    | -       | -     | -                       | -                   | -         | -     | -      | -           | -                  |
| Kweneng TGLP      | 40      | 62    | -                       | -                   | -         | -     | -      | -           | 102                |
| Gantsi TGLP       | -       | -     | -                       | 2                   | -         | -     | -      | -           | 2                  |
| Haina Veldt TGLP  | -       | 6     | -                       | 2                   | -         | -     | -      | 2           | 10                 |
| Nata TGLP         | -       | -     | -                       | -                   | -         | -     | -      | -           | -                  |
| Lepasha TGLP      | -       | -     | -                       | -                   | -         | -     | -      | -           | -                  |
| Barolong Farms    | 28      | 72    | -                       | -                   | -         | -     | -      | -           | 100                |
| Lethakane Farms   | -       | 6     | -                       | -                   | -         | -     | -      | -           | 6                  |
| Total Commercial  | 11,835  | 615   | 3                       | 534                 | 2,756     | 1     | 410    | 420         | 16,574             |

TABLE 11.4: HOLDINGS HARVESTED BY TYPE OF CROP AND BLOCK.

| Block             | Sorghum | Maize | Pearl\<br>Finger Millet | Pulses/<br>Cow Peas | SunFlower | Wheat | Cotton | Other Crops |
|-------------------|---------|-------|-------------------------|---------------------|-----------|-------|--------|-------------|
| Tuli Block        | -       | -     | -                       | -                   | -         | -     | -      | 1           |
| Tati Block        | 4       | 6     | 2                       | 2                   | 1         | 1     | -      | -           |
| Gantsi Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Molopo Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Gaborone Freehold | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Pandamatenga      | 30      | 3     | -                       | 3                   | 15        | -     | 4      | 2           |
| Lobatse Freehold  | -       | 2     | -                       | 1                   | -         | -     | -      | 1           |
| Sand Veldt TGLP   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Ngwaketse TGLP    | 2       | 2     | -                       | 1                   | -         | -     | -      | -           |
| Kgalagadi TGLP    | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Kweneng TGLP      | 1       | 1     | -                       | -                   | -         | -     | -      | -           |
| Gantsi TGLP       | -       | -     | -                       | 1                   | -         | -     | -      | -           |
| Haina Veldt TGLP  | -       | 2     | -                       | 1                   | -         | -     | -      | 1           |
| Nata TGLP         | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Lepasha TGLP      | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Barolong Farms    | 1       | 1     | -                       | -                   | -         | -     | -      | -           |
| Lethakane Farms   | -       | 1     | -                       | -                   | -         | -     | -      | -           |
| Total Commercial  | 38      | 18    | 2                       | 9                   | 16        | 1     | 4      | 5           |

TABLE 11.5: AREA HARVESTED (HECTARES) BY TYPE OF CROP AND BLOCK.

| Block             | Sorghum | Maize | Pearl\<br>Finger Millet | Pulses/<br>Cow Peas | SunFlower | Wheat | Cotton | Other Crops | Total Area Harvested |
|-------------------|---------|-------|-------------------------|---------------------|-----------|-------|--------|-------------|----------------------|
| Tuli Block        | -       | -     | -                       | -                   | -         | -     | -      | 2           | 2                    |
| Tati Block        | 11      | 26    | 2                       | 5                   | 3         | 1     | -      | -           | 47                   |
| Gantsi Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Molopo Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Gaborone Freehold | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Pandamatenga      | 11,707  | 385   | -                       | 397                 | 2,738     | -     | 330    | 8           | 15,565               |
| Lobatse Freehold  | -       | 1     | -                       | 13                  | -         | -     | -      | 6           | 20                   |
| Sand Veldt TGLP   | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Ngwaketse TGLP    | 46      | 47    | -                       | 10                  | -         | -     | -      | -           | 103                  |
| Kgalagadi TGLP    | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Kweneng TGLP      | 40      | 62    | -                       | -                   | -         | -     | -      | -           | 102                  |
| Gantsi TGLP       | -       | -     | -                       | 2                   | -         | -     | -      | -           | 2                    |
| Haina Veldt TGLP  | -       | 3     | -                       | 1                   | -         | -     | -      | 1           | 5                    |
| Nata TGLP         | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Lepasha TGLP      | -       | -     | -                       | -                   | -         | -     | -      | -           | -                    |
| Barolong Farms    | 28      | 56    | -                       | -                   | -         | -     | -      | -           | 84                   |
| Lethakane Farms   | -       | 6     | -                       | -                   | -         | -     | -      | -           | 6                    |
| Total Commercial  | 11,832  | 587   | 2                       | 427                 | 2,741     | 1     | 330    | 17          | 15,936               |

TABLE 11.6: TOTAL PRODUCTION (METRIC TONNES) BY TYPE OF CROP AND BLOCK.

| Block             | Sorghum | Maize | Pearl\<br>Finger Millet | Pulses/<br>Cow Peas | SunFlower | Wheat | Cotton | Other Crops |
|-------------------|---------|-------|-------------------------|---------------------|-----------|-------|--------|-------------|
| Tuli Block        | -       | -     | -                       | -                   | -         | -     | -      | 3           |
| Tati Block        | 3       | 3     | 4                       | 2                   | -         | 0     | -      | -           |
| Gantsi Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Molopo Freehold   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Gaborone Freehold | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Pandamatenga      | 1,130   | 142   | -                       | 115                 | 465       | -     | 126    | 38          |
| Lobatse Freehold  | -       | 63    | -                       | -                   | -         | -     | -      | 11          |
| Sand Veldt TGLP   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Ngwaketse TGLP    | 42      | 14    | -                       | 11                  | -         | -     | -      | -           |
| Kgalagadi TGLP    | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Kweneng TGLP      | 0       | 5     | -                       | -                   | -         | -     | -      | -           |
| Gantsi TGLP       | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Haina Veldt TGLP  | -       | 81    | -                       | 0                   | -         | -     | -      | 0           |
| Nata TGLP         | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Lepasha TGLP      | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Barolong Farms    | -       | 5     | -                       | -                   | -         | -     | -      | -           |
| Lethakane Farms   | -       | -     | -                       | -                   | -         | -     | -      | -           |
| Total Commercial  | 1,176   | 312   | 4                       | 128                 | 465       | 0     | 126    | 51          |

TABLE 11.7A VEGETABLES: HOLDINGS PLANTED BY TYPE OF VEGETABLE AND BLOCK

| Block             | Tomatoes | Onions | Cabbages | Spinach/<br>Chemolier | Carrots | Beetroots | Butternuts | Other<br>Vegetables |
|-------------------|----------|--------|----------|-----------------------|---------|-----------|------------|---------------------|
| Tuli Block        | -        | -      | -        | -                     | -       | -         | -          | 1                   |
| Tati Block        | 2        | 2      | 2        | 1                     | -       | -         | 1          | 2                   |
| Gantsi Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Molopo Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Gaborone Freehold | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Pandamatenga      | 2        | 2      | 2        | 2                     | 2       | 2         | 1          | 2                   |
| Lobatse Freehold  | 2        | 1      | 1        | 1                     | 1       | 1         | -          | 1                   |
| Sand Veldt TGLP   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Ngwaketse TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Kgalagadi TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Kweneng TGLP      | 1        | 1      | 1        | 1                     | 1       | 1         | -          | 1                   |
| Gantsi TGLP       | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Haina Veldt TGLP  | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Nata TGLP         | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Lepasha TGLP      | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Barolong Farms    | -        | 1      | -        | 2                     | -       | 1         | -          | -                   |
| Lethakane Farms   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Total Commercial  | 7        | 7      | 6        | 7                     | 4       | 5         | 2          | 7                   |

TABLE 11.7B VEGETABLES: AREA PLANTED (HECTARES) BY TYPE OF VEGETABLE AND BLOCK

| Block             | Tomatoes | Onions | Cabbages | Spinach/<br>Chemolier | Carrots | Beetroots | Butternuts | Other<br>Vegetables | Total Area Planted |
|-------------------|----------|--------|----------|-----------------------|---------|-----------|------------|---------------------|--------------------|
| Tuli Block        | -        | -      | -        | -                     | -       | -         | -          | 6                   | 6                  |
| Tati Block        | 2        | 1      | 1        | 0                     | -       | -         | 2          | 2                   | 7                  |
| Gantsi Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Molopo Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Gaborone Freehold | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Pandamatenga      | 5        | 2      | 15       | 17                    | 0       | 0         | 1          | 2                   | 42                 |
| Lobatse Freehold  | 3        | 0      | 4        | 0                     | 0       | 0         | -          | 2                   | 8                  |
| Sand Veldt TGLP   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Ngwaketse TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Kgalagadi TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Kweneng TGLP      | 0        | 0      | 1        | 0                     | 0       | 0         | -          | 0                   | 2                  |
| Gantsi TGLP       | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Haina Veldt TGLP  | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Nata TGLP         | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Lepasha TGLP      | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Barolong Farms    | -        | 0      | -        | 1                     | -       | 0         | -          | -                   | 2                  |
| Lethakane Farms   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                  |
| Total Commercial  | 10       | 3      | 20       | 19                    | 0       | 1         | 3          | 12                  | 67                 |

TABLE 11.7C VEGETABLES: HOLDINGS HARVESTED BY TYPE OF VEGETABLE AND BLOCK

| Block             | Tomatoes | Onions | Cabbages | Spinach/<br>Chemolier | Carrots | Beetroots | Butternuts | Other<br>Vegetables |
|-------------------|----------|--------|----------|-----------------------|---------|-----------|------------|---------------------|
| Tuli Block        | -        | -      | -        | -                     | -       | -         | -          | 1                   |
| Tati Block        | 2        | 2      | 1        | 1                     | -       | -         | 1          | 2                   |
| Gantsi Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Molopo Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Gaborone Freehold | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Pandamatenga      | 2        | 2      | 2        | 2                     | 2       | 2         | 1          | 2                   |
| Lobatse Freehold  | 2        | 1      | 1        | 1                     | 1       | 1         | -          | 1                   |
| Sand Veldt TGLP   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Ngwaketse TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Kgalagadi TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Kweneng TGLP      | 1        | 1      | 1        | 1                     | 1       | 1         | -          | 1                   |
| Gantsi TGLP       | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Haina Veldt TGLP  | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Nata TGLP         | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Lepasha TGLP      | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Barolong Farms    | -        | -      | -        | 2                     | -       | 1         | -          | -                   |
| Lethakane Farms   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Total Commercial  | 7        | 6      | 5        | 7                     | 4       | 5         | 2          | 7                   |

TABLE 11.7D VEGETABLES: AREA HARVESTED (HECTARES) BY TYPE OF VEGETABLE AND BLOCK

| Block             | Tomatoes | Onions | Cabbages | Spinach/<br>Chemolier | Carrots | Beetroots | Butternuts | Other<br>Vegetables | Total Area Harvested |
|-------------------|----------|--------|----------|-----------------------|---------|-----------|------------|---------------------|----------------------|
| Tuli Block        | -        | -      | -        | -                     | -       | -         | -          | 6                   | 6                    |
| Tati Block        | 2        | 1      | 0        | 0                     | -       | -         | 2          | 2                   | 6                    |
| Gantsi Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Molopo Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Gaborone Freehold | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Pandamatenga      | 5        | 2      | 14       | 13                    | 0       | 0         | 1          | 1                   | 35                   |
| Lobatse Freehold  | 3        | 0      | 2        | 0                     | 0       | 0         | -          | 2                   | 7                    |
| Sand Veldt TGLP   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Ngwaketse TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Kgalagadi TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Kweneng TGLP      | 0        | 0      | 1        | 0                     | 0       | 0         | -          | 0                   | 2                    |
| Gantsi TGLP       | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Haina Veldt TGLP  | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Nata TGLP         | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Lepasha TGLP      | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Barolong Farms    | -        | -      | -        | 1                     | -       | 0         | -          | -                   | 2                    |
| Lethakane Farms   | -        | -      | -        | -                     | -       | -         | -          | -                   | -                    |
| Total Commercial  | 10       | 3      | 16       | 15                    | 0       | 1         | 3          | 10                  | 57                   |



TABLE 11.7E VEGETABLES: TOTAL PRODUCTION (METRIC TONNES) BY TYPE OF VEGETABLE AND BLOCK

| Block             | Tomatoes | Onions | Cabbages | Spinach/<br>Chemolier | Carrots | Beetroots | Butternuts | Other<br>Vegetables |
|-------------------|----------|--------|----------|-----------------------|---------|-----------|------------|---------------------|
| Tuli Block        | -        | -      | -        | -                     | -       | -         | -          | 17                  |
| Tati Block        | 6        | 2      | 0        | 1                     | -       | -         | 1          | 1                   |
| Gantsi Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Molopo Freehold   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Gaborone Freehold | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Pandamatenga      | 30       | 77     | 93       | 129                   | 1       | 1         | 2          | 20                  |
| Lobatse Freehold  | 40       | 9      | 80       | 1                     | 1       | 4         | -          | 9                   |
| Sand Veldt TGLP   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Ngwaketse TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Kgalagadi TGLP    | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Kweneng TGLP      | -        | -      | -        | 0                     | -       | -         | -          | -                   |
| Gantsi TGLP       | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Haina Veldt TGLP  | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Nata TGLP         | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Lepasha TGLP      | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Barolong Farms    | -        | -      | -        | 3                     | -       | -         | -          | -                   |
| Lethakane Farms   | -        | -      | -        | -                     | -       | -         | -          | -                   |
| Total Commercial  | 76       | 88     | 173      | 133                   | 2       | 5         | 3          | 46                  |

TABLE 11.8A FRUITS: HOLDINGS PLANTED BY TYPE OF FRUIT AND BLOCK

| Block             | Oranges | Naartjies | Lemons | Bananas | Mangoes | Melons |
|-------------------|---------|-----------|--------|---------|---------|--------|
| Tuli Block        | 2       | 1         | 1      | -       | 1       | -      |
| Tati Block        | 3       | -         | -      | -       | -       | -      |
| Gantsi Freehold   | -       | -         | -      | -       | -       | -      |
| Molopo Freehold   | -       | -         | -      | -       | -       | -      |
| Gaborone Freehold | -       | -         | -      | -       | -       | -      |
| Pandamatenga      | 2       | -         | 1      | 2       | 3       | 5      |
| Lobatse Freehold  | -       | -         | -      | -       | -       | 1      |
| Sand Veldt TGLP   | -       | -         | -      | -       | -       | -      |
| Ngwaketse TGLP    | -       | -         | -      | -       | -       | -      |
| Kgalagadi TGLP    | -       | -         | -      | -       | -       | -      |
| Kweneng TGLP      | -       | -         | -      | -       | -       | -      |
| Gantsi TGLP       | -       | -         | -      | -       | -       | -      |
| Haina Veldt TGLP  | -       | -         | -      | -       | -       | -      |
| Nata TGLP         | -       | -         | -      | -       | -       | -      |
| Lepasha TGLP      | -       | -         | -      | -       | -       | -      |
| Barolong Farms    | -       | -         | -      | -       | -       | -      |
| Lethakane Farms   | -       | -         | -      | -       | -       | -      |
| Total Commercial  | 7       | 1         | 2      | 2       | 4       | 6      |

TABLE 11.8B FRUITS: AREA PLANTED (HECTARES) BY TYPE OF FRUIT AND BLOCK

| Block             | Oranges | Naartjies | Lemons | Bananas | Mangoes | Melons | Total Area Planted |
|-------------------|---------|-----------|--------|---------|---------|--------|--------------------|
| Tuli Block        | 8       | 1         | 31     | -       | 2       | -      | 42                 |
| Tati Block        | 3       | -         | -      | -       | -       | -      | 3                  |
| Gantsi Freehold   | -       | -         | -      | -       | -       | -      | -                  |
| Molopo Freehold   | -       | -         | -      | -       | -       | -      | -                  |
| Gaborone Freehold | -       | -         | -      | -       | -       | -      | -                  |
| Pandamatenga      | 36      | -         | 0      | 97      | 31      | 6      | 170                |
| Lobatse Freehold  | -       | -         | -      | -       | -       | 1      | 1                  |
| Sand Veldt TGLP   | -       | -         | -      | -       | -       | -      | -                  |
| Ngwaketse TGLP    | -       | -         | -      | -       | -       | -      | -                  |
| Kgalagadi TGLP    | -       | -         | -      | -       | -       | -      | -                  |
| Kweneng TGLP      | -       | -         | -      | -       | -       | -      | -                  |
| Gantsi TGLP       | -       | -         | -      | -       | -       | -      | -                  |
| Haina Veldt TGLP  | -       | -         | -      | -       | -       | -      | -                  |
| Nata TGLP         | -       | -         | -      | -       | -       | -      | -                  |
| Lepasha TGLP      | -       | -         | -      | -       | -       | -      | -                  |
| Barolong Farms    | -       | -         | -      | -       | -       | -      | -                  |
| Lethakane Farms   | -       | -         | -      | -       | -       | -      | -                  |
| Total Commercial  | 46      | 1         | 31     | 97      | 33      | 7      | 216                |

TABLE 11.8C FRUITS: HOLDINGS HARVESTED BY TYPE OF FRUIT AND BLOCK

| Block             | Oranges | Naartjies | Lemons | Bananas | Mangoes | Melons |
|-------------------|---------|-----------|--------|---------|---------|--------|
| Tuli Block        | 2       | 1         | 1      | -       | 1       | -      |
| Tati Block        | 3       | -         | -      | -       | -       | -      |
| Gantsi Freehold   | -       | -         | -      | -       | -       | -      |
| Molopo Freehold   | -       | -         | -      | -       | -       | -      |
| Gaborone Freehold | -       | -         | -      | -       | -       | -      |
| Pandamatenga      | 2       | -         | 1      | 2       | 3       | 5      |
| Lobatse Freehold  | -       | -         | -      | -       | -       | 1      |
| Sand Veldt TGLP   | -       | -         | -      | -       | -       | -      |
| Ngwaketse TGLP    | -       | -         | -      | -       | -       | -      |
| Kgalagadi TGLP    | -       | -         | -      | -       | -       | -      |
| Kweneng TGLP      | -       | -         | -      | -       | -       | -      |
| Gantsi TGLP       | -       | -         | -      | -       | -       | -      |
| Haina Veldt TGLP  | -       | -         | -      | -       | -       | -      |
| Nata TGLP         | -       | -         | -      | -       | -       | -      |
| Lepasha TGLP      | -       | -         | -      | -       | -       | -      |
| Barolong Farms    | -       | -         | -      | -       | -       | -      |
| Lethakane Farms   | -       | -         | -      | -       | -       | -      |
| Total Commercial  | 7       | 1         | 2      | 2       | 4       | 6      |

TABLE 11.8D FRUITS: AREA HARVESTED(HECTARES) BY TYPE OF FRUIT AND BLOCK

| Block             | Oranges | Naartjies | Lemons | Bananas | Mangoes | Melons | Total Area Harvested |
|-------------------|---------|-----------|--------|---------|---------|--------|----------------------|
| Tuli Block        | 8       | 1         | 31     | -       | 2       | -      | 42                   |
| Tati Block        | 2       | -         | -      | -       | -       | -      | 2                    |
| Gantsi Freehold   | -       | -         | -      | -       | -       | -      | -                    |
| Molopo Freehold   | -       | -         | -      | -       | -       | -      | -                    |
| Gaborone Freehold | -       | -         | -      | -       | -       | -      | -                    |
| Pandamatenga      | 36      | -         | 0      | 97      | 31      | 5      | 169                  |
| Lobatse Freehold  | -       | -         | -      | -       | -       | 1      | 1                    |
| Sand Veldt TGLP   | -       | -         | -      | -       | -       | -      | -                    |
| Ngwaketse TGLP    | -       | -         | -      | -       | -       | -      | -                    |
| Kgalagadi TGLP    | -       | -         | -      | -       | -       | -      | -                    |
| Kweneng TGLP      | -       | -         | -      | -       | -       | -      | -                    |
| Gantsi TGLP       | -       | -         | -      | -       | -       | -      | -                    |
| Haina Veldt TGLP  | -       | -         | -      | -       | -       | -      | -                    |
| Nata TGLP         | -       | -         | -      | -       | -       | -      | -                    |
| Lepasha TGLP      | -       | -         | -      | -       | -       | -      | -                    |
| Barolong Farms    | -       | -         | -      | -       | -       | -      | -                    |
| Lethakane Farms   | -       | -         | -      | -       | -       | -      | -                    |
| Total Commercial  | 46      | 1         | 31     | 97      | 33      | 6      | 214                  |

TABLE 11.8E FRUITS: TOTAL PRODUCTION (METRIC TONNES) BY TYPE OF FRUIT AND BLOCK

| Block             | Oranges | Naartjies | Lemons | Bananas | Mangoes | Melons |
|-------------------|---------|-----------|--------|---------|---------|--------|
| Tuli Block        | 26      | 14        | 14     | -       | 10      | -      |
| Tati Block        | 3       | -         | -      | -       | -       | -      |
| Gantsi Freehold   | -       | -         | -      | -       | -       | -      |
| Molopo Freehold   | -       | -         | -      | -       | -       | -      |
| Gaborone Freehold | -       | -         | -      | -       | -       | -      |
| Pandamatenga      | 34      | -         | 2      | 9       | 96      | 125    |
| Lobatse Freehold  | -       | -         | -      | -       | -       | 60     |
| Sand Veldt TGLP   | -       | -         | -      | -       | -       | -      |
| Ngwaketse TGLP    | -       | -         | -      | -       | -       | -      |
| Kgalagadi TGLP    | -       | -         | -      | -       | -       | -      |
| Kweneng TGLP      | -       | -         | -      | -       | -       | -      |
| Gantsi TGLP       | -       | -         | -      | -       | -       | -      |
| Haina Veldt TGLP  | -       | -         | -      | -       | -       | -      |
| Nata TGLP         | -       | -         | -      | -       | -       | -      |
| Lepasha TGLP      | -       | -         | -      | -       | -       | -      |
| Barolong Farms    | -       | -         | -      | -       | -       | -      |
| Lethakane Farms   | -       | -         | -      | -       | -       | -      |
| Total Commercial  | 63      | 14        | 16     | 9       | 106     | 185    |

## APPENDIX I: SAMPLING ERRORS

The estimates from a sample survey are affected by two types of errors: (1) non-sampling error, and (2) sampling errors. Nonsampling errors are the results of mistakes made in implementing data collection and data processing, such as failure to locate and interview the correct household, misunderstanding of the questions on the part of either the interviewer or the respondent, and data entry errors. Although numerous efforts were made during the implementation of the 2004 Agricultural Census to minimize these type of errors, non-sampling errors are impossible to avoid and difficult to evaluate statistically.

Sampling errors, on the other hand, can be evaluated statistically. The sample of respondents selected in the 2004 Agricultural Census is only one of many samples that could have been selected from the same population, using the same sample design and expected size. Each of these samples would yield results that differ somewhat from the results of the actual sample selected. Sampling errors are a measure of the variability between all possible samples. Although the degree of variability is not known exactly, it can be estimated from the survey results.

A sampling error is usually measured in terms of *standard error* for a particular statistic (mean, percentage, etc.), which is the square root of the variance. The standard error can be used to calculate confidence intervals within which the true value for the population can reasonably be assumed to fall. For example, for any given statistic calculated from a sample survey, the value of that statistic will fall within a range of plus or minus two times the standard error of that statistic in 95 percent of all possible samples of identical size and design.

The standard error can also be used to compute the design effect (DEFT) for each estimate, which is defined as the ratio between the standard error using the given sample design and the standard error that would result if a simple random sample had been used. A DEFT value of 1 indicates that the sample design is as efficient as simple random sample: a value greater than 1 indicates that increase in the sampling error is due to the use of more complex and less statistically efficient design.

If the sample of respondents had been selected as a simple random sample, it would have been possible to use straightforward formulae for calculating standard errors. However, the agricultural census sample is the results of a stratified two stage design which is considered a complex design, hence special methods and softwares are required to take into account the complexity of the design.

WesVar 4.3 statistical software (supported by WESTAT) was used to obtain standard errors, confidence intervals and design effect for selected indicators. It is a powerful tool for statistical data analysis from complex survey designs which includes multi-stage, stratification and unequal probability samples. Jackknife replication method was applied which forms part of the replication options within this software. To estimate variances using the jackknife method requires forming replications from the full sample by randomly eliminating one sample cluster (enumeration area) from a domain or stratum at

a time. Then a pseudo-estimate is formed from the retained EAs, which are re-weighted to compensate for the eliminated unit. Thus, for a particular stratum containing  $k$  clusters,  $k$  replicated estimates are formed by eliminating one of these, at a time, and increasing the weight of the remaining  $(k - 1)$  clusters by a factor of  $k / (k - 1)$ . This process is repeated for each cluster.

For a given stratum or domain, the estimate of the variance of a statistic say  $t$  ( $t$  may be the mean, proportion, ratio e.t.c.) is given by:

$$\text{var}(t) = (se)^2 = \frac{1}{k(k-1)} \sum_{i=1}^k (t_i - t)^2$$

Where:

- $k$  is the number of clusters in the stratum or estimation domain,
- $t$  is the weighted estimate calculated from the entire sample of clusters in the stratum,
- $t_i$  is equal to  $kt - (k-1)t_{(i)}$ , where
- $t_{(i)}$  is the re-weighted estimate calculated from the reduced sample of  $k-1$  clusters.

To obtain an estimate of the variance at a higher level, say, at the national level, the process is repeated over all strata, with  $k$  redefined to refer to the total number of clusters (as opposed to the number in the stratum).

Sampling errors for selected variables are presented in the following Tables. In addition to the value (R) of type of statistic, standard error (SE) the relative standard error (the standard error divided by the value of the statistic) and the 95 percent confidence limits ( $R. \pm 1.96SE$ ). The confidence limits may be interpreted by using the following example: the overall estimate of the total cattle holdings is 71,826 and its standard error is 2402. To obtain the 95% confidence limits, 1.96 times the standard error is subtracted and added from the estimate of the total cattle holdings, i.e  $71826 \pm 1.96 \times 2402$ . Thus there is 95% probability that the true value of total cattle holdings lies between 67118 and 76534.



**TABLE 1: SAMPLING ERRORS: 2004 AGRICULTURAL CENSUS (TRADITIONAL SECTOR): LIVESTOCK**

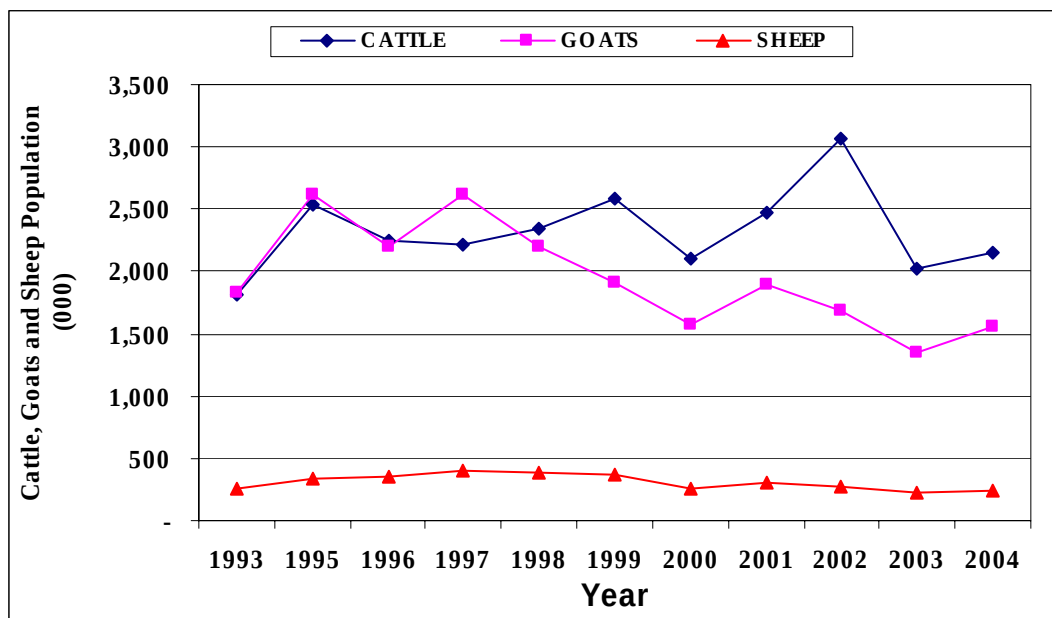
| Variables            | Value<br>(R ) | Standard<br>Error<br>(SE) | Relative<br>Error<br>(SE/R) | Confidence Limits |            |
|----------------------|---------------|---------------------------|-----------------------------|-------------------|------------|
|                      |               |                           |                             | R – 1.96SE        | R + 1.96SE |
| Cattle:              |               |                           |                             |                   |            |
| Total holdings       | 71,826        | 2402                      | 3.34                        | 67118             | 76534      |
| Total cattle         | 1,939,927     | 72336                     | 3.73                        | 1798148           | 2081706    |
| Total births         | 466,804       | 18715                     | 4.01                        | 430122            | 503486     |
| Total deaths         | 245,434       | 13135                     | 5.35                        | 219689            | 271179     |
| Total sales          | 149,300       | 6802                      | 4.60                        | 134419            | 161083     |
| Total home slaughter | 31,460        | 1481                      | 4.71                        | 28557             | 34363      |
| Total purchases      | 25,161        | 2951                      | 11.73                       | 19377             | 30945      |
| Goats:               |               |                           |                             |                   |            |
| Total holdings       | 78,363        | 2680                      | 3.42                        | 73111             | 83615      |
| Total goats          | 1,518,456     | 49902                     | 3.29                        | 1420649           | 1616263    |
| Total births         | 731,401       | 25311                     | 3.46                        | 681791            | 781011     |
| Total deaths         | 332,844       | 13390                     | 4.02                        | 306600            | 359088     |
| Total sales          | 52,144        | 2721                      | 5.22                        | 46811             | 57477      |
| Total home slaughter | 73,004        | 3076                      | 4.21                        | 66975             | 79033      |
| Total purchases      | 15,522        | 1223                      | 7.88                        | 13126             | 17918      |
| Off-take             | 109,626       | 5153                      | 4.70                        | 99527             | 119725     |
| Sheep:               |               |                           |                             |                   |            |
| Total holdings       | 17,532        | 769                       | 4.39                        | 16025             | 19039      |
| Total sheep          | 232,168       | 14366                     | 6.19                        | 204010            | 260326     |
| Total births         | 92,080        | 5997                      | 6.51                        | 80326             | 103834     |
| Total deaths         | 45,579        | 3333                      | 7.31                        | 39047             | 52111      |
| Total sales          | 10,004        | 1583                      | 15.83                       | 6901              | 13107      |
| Total home slaughter | 9,034         | 839                       | 9.29                        | 7389              | 10679      |
| Total purchases      | 3,051         | 422                       | 13.82                       | 2224              | 3878       |
| Off-take             | 15,987        | 2192                      | 13.71                       | 11690             | 20284      |
| Other livestock:     |               |                           |                             |                   |            |
| Total donkeys/mules  | 400,879       | 22331                     | 5.57                        | 357111            | 444647     |
| Total horses         | 44,099        | 3101                      | 7.03                        | 38021             | 50177      |
| Total pigs           | 4,805         | 1272                      | 26.46                       | 2313              | 7297       |
| Chicken population   | 1,029,945     | 43711                     | 4.25                        | 943969            | 1115317    |

**TABLE 2: SAMPLING ERRORS: 2004 AGRICULTURAL CENSUS (TRADITIONAL SECTOR): CROPS**

| Variables                 | Value<br>(R) | Standard<br>Error<br>(SE) | Relative<br>Error<br>(SE/R) | Confidence Limits |            |
|---------------------------|--------------|---------------------------|-----------------------------|-------------------|------------|
|                           |              |                           |                             | R – 1.96SE        | R + 1.96SE |
| Total Holdings with land  | 63257.00     | 2511.45                   | 3.97                        | 58,334.56         | 68,179.44  |
| Total land area (ha)      | 208752.10    | 15490.84                  | 7.42                        | 178,390.06        | 239,114.14 |
| Total crop holdings       | 55807.00     | 2297.50                   | 4.12                        | 51,303.90         | 60,310.10  |
| Total area planted (ha)   | 141585.00    | 6078.02                   | 4.26                        | 130,833.36        | 154,659.20 |
| Total area harvested (ha) | 99084.06     | 4320.58                   | 4.36                        | 90,615.73         | 107,552.39 |
| Total production (tons)   | 75540.97     | 4814.90                   | 6.37                        | 66,114.77         | 84,989.17  |
| <b>Sorghum:</b>           |              |                           |                             |                   |            |
| Total area planted (ha)   | 48814.72     | 2241.39                   | 4.59                        | 44,421.59         | 53,207.85  |
| Total area harvested (ha) | 38735.60     | 1968.23                   | 5.08                        | 34,877.87         | 42,593.33  |
| Total production (tons)   | 10581.60     | 729.49                    | 6.89                        | 9,151.81          | 12,011.40  |
| <b>Maize:</b>             |              |                           |                             |                   |            |
| Total area planted (ha)   | 63213.52     | 2646.30                   | 4.19                        | 58,026.78         | 68,400.26  |
| Total area harvested (ha) | 42804.21     | 1887.67                   | 4.41                        | 39,104.38         | 46,504.04  |
| Total production (tons)   | 7222.66      | 448.63                    | 6.21                        | 6,343.34          | 8,101.98   |
| <b>Millet:</b>            |              |                           |                             |                   |            |
| Total area planted (ha)   | 7113.20      | 857.07                    | 12.05                       | 5,433.35          | 8,793.05   |
| Total area harvested (ha) | 6423.02      | 825.96                    | 12.86                       | 4,804.15          | 8,041.89   |
| Total production (tons)   | 2697.68      | 337.83                    | 12.52                       | 2,035.54          | 3,359.81   |
| <b>Beans/pulses:</b>      |              |                           |                             |                   |            |
| Total area planted (ha)   | 15283.90     | 759.63                    | 4.97                        | 13,795.03         | 16,772.77  |
| Total area harvested (ha) | 7702.22      | 455.04                    | 5.91                        | 6,810.34          | 8,594.10   |
| Total production (tons)   | 2049.02      | 242.52                    | 11.84                       | 1,573.68          | 2,524.36   |
| <b>Groundnuts:</b>        |              |                           |                             |                   |            |
| Total area planted (ha)   | 1093.31      | 133.82                    | 12.24                       | 831.02            | 1,355.60   |
| Total area harvested (ha) | 557.96       | 79.22                     | 14.20                       | 402.69            | 713.23     |
| Total production (tons)   | 269.42       | 56.52                     | 20.98                       | 158.64            | 380.20     |
| <b>Sunflower:</b>         |              |                           |                             |                   |            |
| Total area planted (ha)   | 195.40       | 58.97                     | 30.18                       | 79.82             | 310.98     |
| Total area harvested (ha) | 115.17       | 53.78                     | 46.70                       | 9.75              | 220.59     |
| Total production (tons)   | 22.60        | 7.03                      | 31.11                       | 8.82              | 36.37      |

## APPENDIX II: CATTLE GOATS AND SHEEP POPULATION TRENDS

FIGURE 2A: CATTLE GOATS AND SHEEP POPULATION TRENDS



## APPENDIX III: CATTLE, GOATS AND SHEEP BIRTHS, DEATHS AND OFFTAKE RATES (%) TRENDS

FIGURE 2B: CATTLE: BIRTHS, DEATHS AND OFFTAKE RATES (%) TRENDS

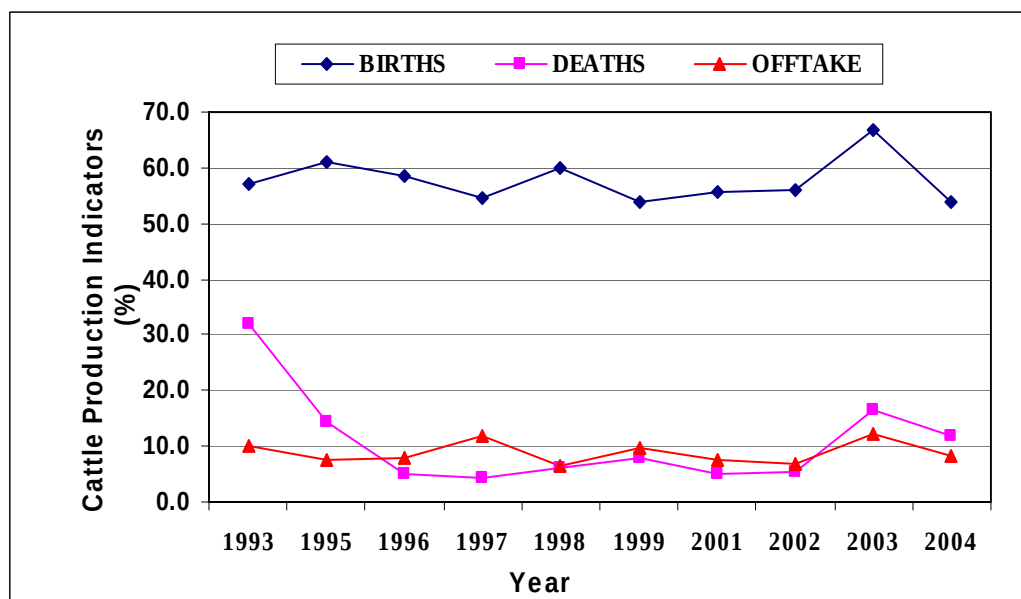


FIGURE 2C: GOATS BIRTHS, DEATHS AND OFFTAKE RATES (%) TRENDS

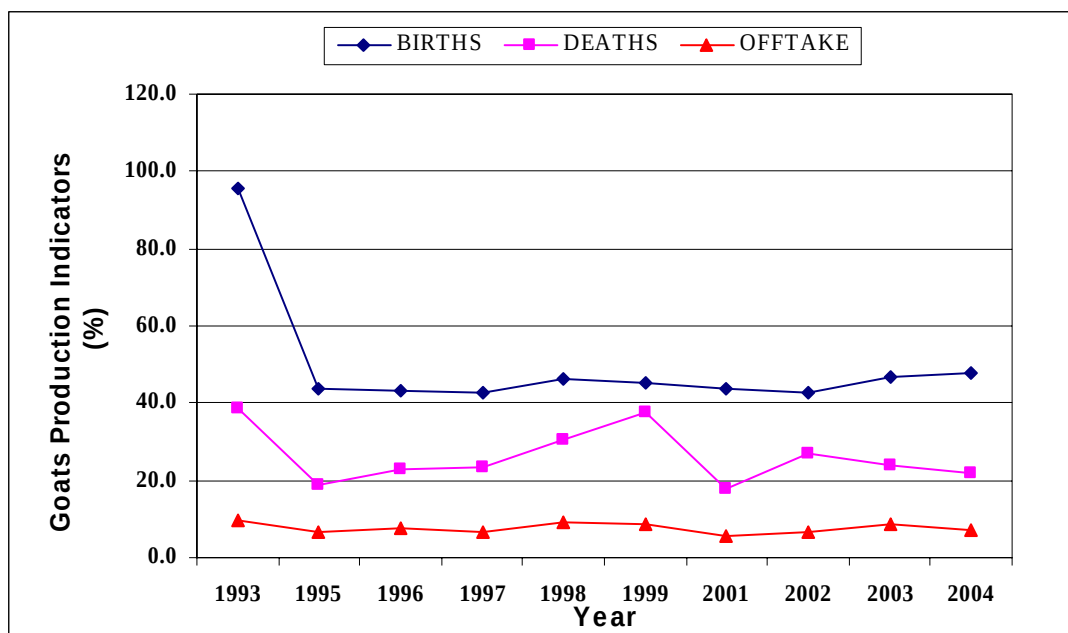
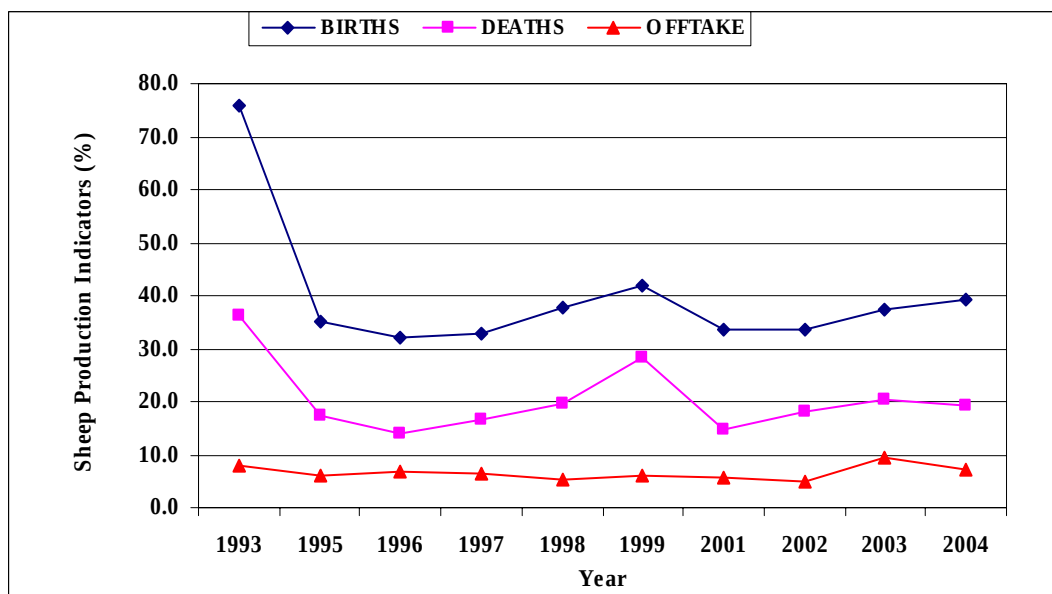
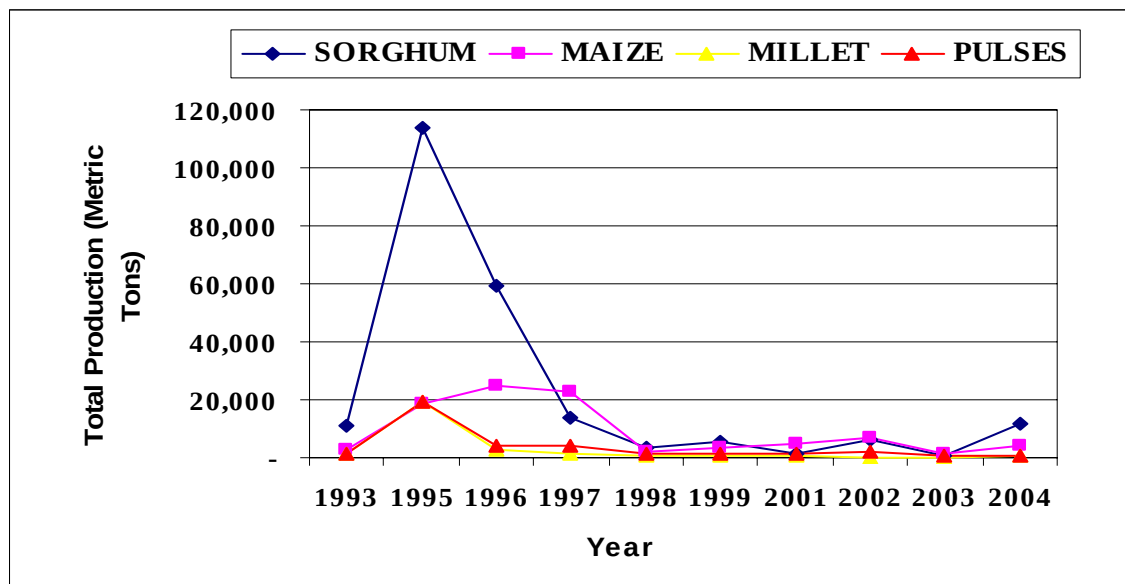


FIGURE 2D: SHEEP: BIRTHS, DEATHS AND OFFTAKE RATES (%) TRENDS



#### APPENDIX IV: TOTAL PRODUCTION (MT) TRENDS FOR FOUR MAJOR CROPS

FIGURE 1E: PRODUCTION (MT) TRENDS FOR FOUR MAJOR CROPS (SORGHUM, MAIZE, MILLET & PULSES)





**CENTRAL STATISTICS OFFICE**  
Private Bag 0024  
GABORONE, BOTSWANA



Republic of Botswana

*All correspondence should be addressed to the Government Statistician*

**CONFIDENTIAL 2004 AGRICULTURAL CENSUS**

Collected under Statistics Act ( Cap 17:01)

**Form I: Identification Form - First Visit**

**Section I: Locality Identification**

- 1 Agricultural Region: \_\_\_\_\_
- 2 Agricultural District: \_\_\_\_\_
- 3 Block Number \_\_\_\_\_
- 4 Locality Name \_\_\_\_\_
- 6 Enumerator's Name \_\_\_\_\_
- 7 Date when listing commenced \_\_\_\_\_
- 8 Date when listing completed \_\_\_\_\_
- 9 Supervisor's Name \_\_\_\_\_
- 10 Date Checked \_\_\_\_\_

(Codes)

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
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|  |  |  |  |

**5. Form Continuation**

Total Number of Forms

\_\_\_\_\_

This Page is

Part: \_\_\_\_\_

of : \_\_\_\_\_

Supervisor's Signature

**11 ( Office and Supervisor Use )**

| Class  | Random Start | Interval |
|--------|--------------|----------|
| 1 - 20 | Take all     | Take all |
|        |              |          |
|        |              |          |

**12 ( Supervisor Use )**

| Part Number | Total Number of Holders | Number of CattleHolders |
|-------------|-------------------------|-------------------------|
| Part 1      |                         |                         |
| Part 2      |                         |                         |
| Part 3      |                         |                         |
| Part 4      |                         |                         |
| Part 5      |                         |                         |
| Part 6      |                         |                         |
| Part 7      |                         |                         |
| Part 8      |                         |                         |
| Part 9      |                         |                         |
| Part 10     |                         |                         |
| Part 11     |                         |                         |
| Part 12     |                         |                         |
| Part 13     |                         |                         |
| Part 14     |                         |                         |
| Part 15     |                         |                         |
| Part 16     |                         |                         |
| Part 17     |                         |                         |
| Part 18     |                         |                         |
| Part 19     |                         |                         |
| Part 20     |                         |                         |
| Part 21     |                         |                         |
| Total       |                         |                         |

- 12a Total Number of Holders \_\_\_\_\_
- 12b Total Number of Cattle Holders \_\_\_\_\_
- 13a Number for selection \_\_\_\_\_
- 13b Number of Selected Holders \_\_\_\_\_
- 13c Total sample of Holders \_\_\_\_\_
- 13d Total Number of Listed Dwellings \_\_\_\_\_
- 13e Total Number of Occupied Dwellings \_\_\_\_\_

Section II: Listing of Dwellings and Household

Question 14a

| 1                                     | 2                                                               | 3              | 4                                                                                            | 5                                                | 6                     | 7                                                                                         | 8                                            | Does any of the (include |         |        |              |
|---------------------------------------|-----------------------------------------------------------------|----------------|----------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|---------|--------|--------------|
| Dwelling Number (Census Number Plate) | Is this Dwelling Occupied at this time<br><br>Yes = 1<br>No = 2 | House hold No. | Interview Status<br><br>1 Completed<br>2 Call-back<br>3 Vacant<br>4 Refusal<br>5 Not at Home | What is the name of the head of this household ? | Sex<br><br>M=1<br>F=2 | Is the head of this household living in this household at this time?<br>Yes = 1<br>No = 2 | How many people live in this household now ? | 9A                       | 9B      | 9C     | 9D           |
|                                       |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              | LANDS                    | CROPS   |        | If YES to    |
|                                       |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              | Yes = 1                  | Yes = 1 |        | of livestock |
|                                       |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              | No = 2                   | No = 2  | CATTLE | SHEEP        |
|                                       |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         | Number | Number       |
| 1                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 2                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 3                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 4                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 5                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 6                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 7                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 8                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 9                                     |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 10                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 11                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 12                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 13                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 14                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 15                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 16                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 17                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 18                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 19                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 20                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 21                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 22                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 23                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 24                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |
| 25                                    |                                                                 |                |                                                                                              |                                                  |                       |                                                                                           |                                              |                          |         |        |              |

14b Number of Dwellings listed

14c Number of Occupied Dwellings

|  |
|--|
|  |
|  |

\a Camels etc to be counted together

| 9                                                                                                        |          |         |        |          |            | 10                                                                                                                                                                       | 11                           | 12             |                                                                                                                |
|----------------------------------------------------------------------------------------------------------|----------|---------|--------|----------|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------|----------------------------------------------------------------------------------------------------------------|
| member of this household manage or operate following in Questions 9A - 9I?<br>owned and Mafisa livestock |          |         |        |          |            | Ask for the Holder's Name if any of the following is reported. LAND, CROPS LIVESTOCK and POULTRY. NOTE: IF ONLY POULTRY IS REPORTED THE NUMBER MUST BE AT LEAST 25 BIRDS | 11A To be used for selection | 11B Office Use | Do you have any permanent dwellings other than here, and if YES, where are they located (Write locality names) |
| 9E                                                                                                       | 9F       | 9G      | 9H     | 9I       | 9J         |                                                                                                                                                                          |                              |                |                                                                                                                |
| any Columns 9C to 9I, write NUMBER in appropriate box and if NO, then, write zero                        |          |         |        |          |            |                                                                                                                                                                          |                              |                |                                                                                                                |
| GOATS                                                                                                    | DON-KEYS | HOR-SES | PIGS   | POUL-TRY | OTHER<br>a |                                                                                                                                                                          |                              |                |                                                                                                                |
| Number                                                                                                   | Number   | Number  | Number | Number   | Number     |                                                                                                                                                                          |                              |                |                                                                                                                |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 1                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 2                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 3                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 4                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 5                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 6                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 7                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 8                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 9                                                                                                              |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 10                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 11                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 12                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 13                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 14                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 15                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 16                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 17                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 18                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 19                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 20                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 21                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 22                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 23                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 24                                                                                                             |
|                                                                                                          |          |         |        |          |            |                                                                                                                                                                          |                              |                | 25                                                                                                             |

14d Total number of holders ..... on this FORM

14e Cattle Holders with 100 cattle or more

|  |
|--|
|  |
|  |



### Section III: Sketch Map of the Locality

- 15 a. Draw a sketch map of the locality to show the locations of the dwelling units
- b. Place dwelling numbers ( from Section II, Column 1 ) on the map
- c. Draw roads, rivers, schools and other prominent landmarks on the map

[illegible]



Republic of Botswana

**CENTRAL STATISTICS OFFICE**  
Private Bag 0024  
GABORONE, BOTSWANA



*All correspondence should be addressed to the Government Statistician*

**CONFIDENTIAL**

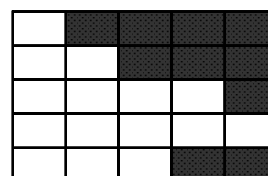
**2004 AGRICULTURAL CENSUS**

Collected under Statistics Act ( Cap 17:01)

**FORM II: TRADITIONAL FARMERS - SECOND VISIT**

**Section I: IDENTIFICATION**

- 1 Agricultural Region: \_\_\_\_\_
- 2 Agricultural District: \_\_\_\_\_
- 3 Block Number \_\_\_\_\_
- 4 Dwelling Number \_\_\_\_\_
- 5 Household Number \_\_\_\_\_



- 6 Full Name of Holder

- 7 Name of Respondent

- 8 Is the respondent the:

- 1 Holder
- 2 Spouse of Holder
- 3 Son of Holder
- 4 Daughter of Holder
- 5 Other Relative of Holder
- 6 Not Related

|              |           |
|--------------|-----------|
| Enumerator's | Name      |
|              | Signature |
|              | Date      |
| Supervisor's | Name      |
|              | Signature |
|              | Date      |

**Enumerator's Visit Log**

| Visit No. | Date | Time | Remarks |
|-----------|------|------|---------|
|           |      |      |         |
|           |      |      |         |
|           |      |      |         |

**Comments:**

|  |
|--|
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|  |
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|  |
|  |
|  |

- 9 **RECORD CONTROL: For Office Use Only**

| Number of Persons | Number of Fields |
|-------------------|------------------|
|                   |                  |

[illegible]

[illegible]

| Secondary           |                     | Non Formal            |                       |
|---------------------|---------------------|-----------------------|-----------------------|
| 21 Form 1 completed | 25 Form 5 completed | 61 Primer 1 completed | 64 Primer 4 completed |
| 22 Form 2 completed | 26 Form 6 completed | 62 Primer 2 completed | 65 Primer 5 completed |
| 23 Form 3 completed | 29 Not Known        | 63 Primer 3 completed | 69 Not Known          |

Section II: PARTICULARS OF THE HOLDING

(All responses are indicated by either writing a single code in the box provided or by circling the multiple responses)

11 Is this holding operated by:

1. An individual living in this holding
2. An individual living elsewhere
3. A household with two or more persons living in this holding
4. A household with two or more persons elsewhere
5. Other (Specify) \_\_\_\_\_

Enter code

12 What other economic activities are undertaken in this holding for commercial gain? (circle appropriate codes)

1. Transport services
2. Ploughing services
3. Hunting/Trapping
4. Game/Wildlife propagation
5. Fishing
6. Tree Planting
7. Timber Harvesting
8. Trading Store/Shop/Vendor
9. Selling veld Products
10. Selling Traditional beer
11. Craft-Work
12. Selling Livestock
13. Selling Crop Produce
14. Piggery
15. Bee keeping
16. Dairy Produce
17. Ostrich Farming
18. Horticulture
19. Sorghum/maize Processing
20. Fruits/vegetable Processing
21. Hides and skin processing
22. Other (Specify)-----

Section III PARTICULARS OF THE HOLDER

13 State the sex of the holder

(Circle Appropriate Code)

[ Male = 1 Female = 2 ]

14 What is the age of the holder? ( In complete years )

15 What is the marital status of the holder?

1. Never married
2. Married
3. Living together
4. Separated
5. Divorced
6. Widowed

16 Is the holder a Full-time Farmer?

(Circle Appropriate Code)

Yes = 1  $\Rightarrow$  Q18

No = 2

17 What is his/her other occupation?

Office use



22 What were the sources of your seeds this year? *(Circle Appropriate Codes)*

1. BAMB
  2. Drought Relief
  3. Cooperatives
  4. Trader
  5. Another Farmer
  6. Previous year's harvest
  7. Seed Multiplication Unit
  - Other (*specify*)
- 

23 What was the draught power used mainly to plough the fields?

1. Oxen only
  2. Cows only
  3. Both Oxen and Cows
  4. Donkeys
  5. Tractor
  6. Hand hoe
  7. Other (*Specify*)
- 

24 Who provided this draught power? *(Circle Appropriate Codes)*

1. Self/Family
2. Borrowed
3. Self plus Borrowed
4. Mafisa
5. Hired
6. Other (*Specify*)-----

25 What methods were used to plant the seeds? *(Circle Appropriate Codes)*

1. Broadcast
2. Row planter
3. Row plant by hand
- Other (*Specify*)-----

26 Are your fields fenced?

1. Yes - All
2. Yes - Some
3. No - none

⇒ **Go To Section V**

27 What kind of fences have been used?

1. Bush
2. Wire and Poles
3. Poles Only
- Other (*Specify*)-----

**Section V Land Measurement .**

**28 TAKE FIELD MEASUREMENT: VISIT EACH FIELD REPORTED IN THE HOLDING.**

**NOTE: MAKE SURE THAT THE NUMBER OF FIELDS REPORTED FOR AREA MEASUREMENT REFLECT THE NUMBER OF FIELDS REPORTED IN QUESTION 21 IN THAT SEQUENCE**

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

- a. Perimeter Field  
b. Closing Error (%)  
c. Area

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

- a. Perimeter Field  
b. Closing Error (%)  
c. Area



Land Measurement Continued

Sketch Map of Field      Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

a. Perimeter Field

b. Closing Error (%)

c. Area

Sketch Map of Field      Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

a. Perimeter Field

b. Closing Error (%)

c. Area

29    Total Number of Fields:      1. Crop Fields

2. Fallow Fields



## SECTION II : LIVESTOCK

### Part A : CATTLE

**10a** Does this holding own, raise, operate or manage any Cattle? *(Include Mafisa Cattle in your Kraal)*

Yes = 1  $\Rightarrow$  Q 11a

No = 2

**10b** Has this Holding ever had any Cattle during this agricultural season?

Yes = 1  $\Rightarrow$  Q 12

No = 2  $\Rightarrow$  Q21a

**11a** How many of the following breeds do you have?

*(Include Cattle owned by other members of this Holding and Mafisa in)?*

| B R E E D           | Bulls | Oxen | Cows | Heifers | Tollies | Male Calves | Female Calves | Total |
|---------------------|-------|------|------|---------|---------|-------------|---------------|-------|
| 1. Semmental        |       |      |      |         |         |             |               |       |
| 2. Charolais        |       |      |      |         |         |             |               |       |
| 3. Jersey           |       |      |      |         |         |             |               |       |
| 4. Tuli             |       |      |      |         |         |             |               |       |
| 5. Friesian         |       |      |      |         |         |             |               |       |
| 6. Brahman          |       |      |      |         |         |             |               |       |
| 7. Crosses          |       |      |      |         |         |             |               |       |
| 8. Tswana           |       |      |      |         |         |             |               |       |
| 9. Brown swiss      |       |      |      |         |         |             |               |       |
| 10. Afrikander      |       |      |      |         |         |             |               |       |
| 11. Santa Getrudis  |       |      |      |         |         |             |               |       |
| 12. Other (specify) |       |      |      |         |         |             |               |       |
| -----               |       |      |      |         |         |             |               |       |
| -----               |       |      |      |         |         |             |               |       |
| <b>TOTAL</b>        |       |      |      |         |         |             |               |       |

**11b** Which breed of cattle do you prefer most?

*office use*

**11c Cattle Breed Preference:** Why do you prefer this particular breed?

*office use*

**11d** What is the breeding method that you use amongst your cattle?

- 1 Artificial insemination
- 2 Bull service
- 3 Both artificial insemination and bull service

**11e Breeding method use :** Why do you use this particular method?

*office use*

**12 Sales:** How many Cattle were sold or traded out during this agricultural season?

*(In case of cattle being exchanged for other goods please state the value of those goods or give description of those goods)*

| S o l d T o              | S o l d |       | T r a d e d o u t |       |             |
|--------------------------|---------|-------|-------------------|-------|-------------|
|                          | Number  | Value | Number            | Value | Description |
| 1. BMC Direct            |         |       |                   |       |             |
| 2. Municipal Abbatoir    |         |       |                   |       |             |
| 3. BMC Agent             |         |       |                   |       |             |
| 4. At Auction            |         |       |                   |       |             |
| 5. Government Restocking |         |       |                   |       |             |
| 6. Another Farmer        |         |       |                   |       |             |
| 7. Village Abbatoir      |         |       |                   |       |             |
| 8. Trader                |         |       |                   |       |             |
| 9. Butcher               |         |       |                   |       |             |
| 10. Feedlot              |         |       |                   |       |             |
| other (specify)          |         |       |                   |       |             |

### CALVES ONLY

**13** How many Calves were born during this agricultural season, through;

*(include those lost, dead, sold, etc)*

a. Artificial insemination

b. Bull service

14 How many Calves died during this agricultural season ?

14a How many calves were lost due to strays and theft during this agricultural season ?

#### CATTLE

15 How many Cattle, excluding Calves, died during this agricultural season ?

16 How many Cattle were lost due to strays and theft during this agricultural season ?

17 How many Cattle were slaughtered for your home consumption during this agricultural season ?  
*Include slaughter for weddings, death ceremonies etc*

18 How many Cattle were eradicated/destroyed due to cattle diseases outbreak during this agricultural season ?

number  
cattle   
calves

19 Given Away: How many Cattle were given away (including Bogadi) during this agricultural season ?

20 Purchases: How many Cattle were purchased/obtained during this agricultural season ?  
*In case of Cattle being exchanged for other goods please state the value of those goods or give description of those goods*

| Purchased/Obtained | Number | Value (Pula) | Description of goods given out |
|--------------------|--------|--------------|--------------------------------|
| 1. Purchased       |        |              |                                |
| 2. Obtained        |        |              |                                |

#### **Part B : GOATS**

21a Does this holding own, raise, operate or manage any Goats? (*Include Mafisa Goats in your Kraal*)  Yes = 1  $\Rightarrow$  Q 22  
No = 2

21b Has this Holding ever had any Goats during this agricultural season?  Yes = 1  $\Rightarrow$  Q 23  
No = 2  $\Rightarrow$  Q 32a

22 How many of the following breeds do you have? (Include Goats owned by other members of this Holding and Mafisa in )?

| B R E E D         | Buck(uncastrated)<br>1 Year & Over | Castrated Males<br>1 Year & Over | Females<br>1 Year & Over | Males<br>Under 1 Year | Females<br>Under 1 Year | TOTAL |
|-------------------|------------------------------------|----------------------------------|--------------------------|-----------------------|-------------------------|-------|
| 1. Tswana         |                                    |                                  |                          |                       |                         |       |
| 2. Boer           |                                    |                                  |                          |                       |                         |       |
| 3. Saanan         |                                    |                                  |                          |                       |                         |       |
| 4. Crosses        |                                    |                                  |                          |                       |                         |       |
| 5. Other(specify) |                                    |                                  |                          |                       |                         |       |
| TOTAL             |                                    |                                  |                          |                       |                         |       |

#### KIDS ONLY

23 How many Kids were born during this agricultural season ?   
(include those lost, dead, sold, etc)

24 How many Kids died during this agricultural season ?

25 How many Kids were lost due to strays and theft during this agricultural season ?   
*Do not include Kids already reported as dead.*

#### GOATS - EXCLUDING KIDS

26 How many Goats, excluding Kids, died during the current agricultural season ?

27 How many Goats were lost due to strays and theft during the current agricultural season ?   
*Do not include Goats already reported as dead.*

28 How many Goats were slaughtered for consumption during the current agricultural season ?   
*Include slaughtered for weddings, deaths ceremonies etc*

## GOATS AND KIDS

29 How many Goats were given away during the current agricultural season ?

30 How many Goats were sold or traded during the current agricultural season ?

*Include BMC, Auctions, Abattoirs, Traders Farmers etc*

| Sales/Traded  | Number | Value (Pula) | Description of goods received |
|---------------|--------|--------------|-------------------------------|
| 1. Sales      |        |              |                               |
| 2. Traded out |        |              |                               |

31 How many Goats were purchased/obtained during the current agricultural season ?

*In case of Goats being exchanged for other goods please state the value of those goods or give description of those goods*

| Purchased/Obtained | Number | Value (Pula) | Description of goods given away |
|--------------------|--------|--------------|---------------------------------|
| 1. Purchased       |        |              |                                 |
| 2. Obtained        |        |              |                                 |

### Part C : SHEEP

32a Does this holding own, raise, operate or manage any Sheep? *(Include Mafisa Sheep in your Kraal)*

Yes = 1  $\Rightarrow$  Q 33

No = 2

32b Has this Holding ever had any sheep during this agricultural season?

Yes = 1  $\Rightarrow$  Q 34

No = 2  $\Rightarrow$  Q 43

33 How many of the following breeds do you have? *(Include Sheep owned by other members of this Holding and Mafisa in ).*

| B R E E D         | Rams (males)<br>1 Year & Over | Castrated Males<br>1 Year & Over | Females<br>1 Year & Over | Males<br>Under 1 Year | Ewes ( females)<br>Under 1 Year | T o t a l |
|-------------------|-------------------------------|----------------------------------|--------------------------|-----------------------|---------------------------------|-----------|
| 1. Tswana         |                               |                                  |                          |                       |                                 |           |
| 2. Dorper         |                               |                                  |                          |                       |                                 |           |
| 3. Karakul        |                               |                                  |                          |                       |                                 |           |
| 4. Crosses        |                               |                                  |                          |                       |                                 |           |
| 5. Other(specify) |                               |                                  |                          |                       |                                 |           |
| TOTAL             |                               |                                  |                          |                       |                                 |           |

### L A M B S O N L Y

34 How many Lambs were born during this agricultural season ?

*(include those lost, dead, sold, etc)*

35 How many Lambs died during this agricultural season ?

36 How many Lambs were lost due to strays and theft during this agricultural season ?

*Do not include Lambs already reported as dead.*

### SHEEP - EXCLUDING LAMBS

37 How many Sheep, excluding Lambs died, during this agricultural season ?

38 How many Sheep were lost due to strays and theft during this agricultural season ?

*Do not include Sheep already reported as dead.*

39 How many Sheep were slaughtered for consumption during this agricultural season ?

*Include slaughtered for weddings, deaths ceremonies etc*

### SHEEP A N D L A M B S

40 How many Sheep were given away during this agricultural season ?

41 How many Sheep were sold or traded during this agricultural season ?

*Include BMC, Auctions, Abattoirs, Traders Farmers etc*

| Sales/Traded  | Number | Value (Pula) | Description of goods received |
|---------------|--------|--------------|-------------------------------|
| 1. Sales      |        |              |                               |
| 2. Traded out |        |              |                               |

- | Purchased/Obtained | Number | Value (Pula) | Description of goods given out |
|--------------------|--------|--------------|--------------------------------|
| 1. Purchased       |        |              |                                |
| 2. Obtained        |        |              |                                |

43 How many of the following do you have and how many were sold/traded during this agricultural season ?  
*State the value or describe animals exchanged for those goods or give description of those goods?*

|                 | Current | S A L E S |              | T R A D E D   O U T |                               |              |
|-----------------|---------|-----------|--------------|---------------------|-------------------------------|--------------|
|                 | Number  | Number    | Value (Pula) | Number              | Description of goods received | Value (Pula) |
| 1. * Pigs       |         |           |              |                     |                               |              |
| 2. Donkeys      |         |           |              |                     |                               |              |
| 3. Mules        |         |           |              |                     |                               |              |
| 4. Horses       |         |           |              |                     |                               |              |
| 5. * Dogs       |         |           |              |                     |                               |              |
| 6. * Chickens   |         |           |              |                     |                               |              |
| Other (specify) |         |           |              |                     |                               |              |

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### Part A : CROPS AND FALLOW FIELDS CHANGES

- 45 During our first visit, it was reported that this holding had the following crops and fallow fields.  
( Read out the list)

[illegible]

- ➡ Q 47

**Update the list if any changes, take field measurements and record the data on the last page of the questionnaire**

**Part B : FARMING PRACTICE**

**47** Were any fertilisers used on any of your crop fields?

**Yes = 1**

**No = 2**  $\Rightarrow$  **Q 49**

**48** What type of fertilisers did you use? (*circle appropriate code*)

1. Chemical only
2. Manure only
3. Both chemical and manure

**48a** What was the overall quantity used?

**Kg**

**49** Did you weed your crop fields this agricultural season?

**Yes, All = 1**

**Yes, Some = 2**

**No = 3**  $\Rightarrow$  **Q 51**

**50** How many times did you weed your fields?

**51** What were the most predominant weeds?(*circle appropriate codes*)

- 1 Cynodon dactylon (motlho, motlhwa)
- 2 Datura ferox (mokhure)
- 3 Hibiscus meeusei (mmabasete, mmankgarane)
- 4 Acospermum hispidum (setlhabakolobe, sephalane, khonkhorose)
- 5 Urochloa mosambicensis (phoka, sugwagwa)
- 6 Sesamum triphyllum (mothomaganyane, mosuwene)
- 7 Striga asiatica/Alectra vogelli (matebele, molelwane)
- 8 Tribulus terrestris (mosetlho, setlho)
- 9 Sida cordifolia (motswalakgoro)
- Other (specify) \_\_\_\_\_

**Part C : DISPOSAL OF CROP PRODUCE**

52 Now ask the Holder about the harvested crops.

| Harvesting Codes                 | Field Number |       |       |       |       | Field Number |       |       |       |       | Field Number |       |       |       |       | Field Number |       |       |       |       | Field Number |       |       |       |       |
|----------------------------------|--------------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|--------------|-------|-------|-------|-------|
| Has been Harvested = 1           |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Will be Harvested = 2            | Crop:        | Crop: | Crop: | Crop: | Crop: | Crop:        | Crop: | Crop: | Crop: | Crop: | Crop:        | Crop: | Crop: | Crop: | Crop: | Crop:        | Crop: | Crop: | Crop: | Crop: | Crop:        | Crop: | Crop: | Crop: | Crop: |
| Will not be Harvested = 3        |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>a. Office Use (Crop Code)</b> |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>b. Harvesting Status Code</b> |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>c. Total Production</b>       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg, Lt)          |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>d. Home Consumption</b>       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>e. Stored</b>                 |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>f. Given Away</b>             |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>g. Payment in kind</b>        |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>h. Sold/Traded</b>            |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Amount Received (Pula)           |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>i. Expected further sales</b> |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Weight of Unit (Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Number of Units                  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Amount expected (Pula)           |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| Office Use (Qty Kg)              |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |
| <b>Area Harvested(off. Use)</b>  |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |              |       |       |       |       |

NOTE: (1) If there are crops sold or expected further sales indicated, i.e Questions 52h and 52i have entries, ask Question 53.  
 and (2) If there is harvesting status code of three (3) in Question 52, ask Question 54.  
 Otherwise if none of the above is indicated as stated, go to Section IV.



53 To whom were most of the crops sold ?(Circle *Appropriate codes*) ?

1. BAMB directly
2. BAMB agent
3. Cooperative
4. Private trader

5. Public directly
6. Millers
7. Seed Multiplication Unit
8. Other (specify) \_\_\_\_\_

54 What were the main reasons for not harvesting the crops mentioned earlier in Question 52 (Circle *Appropriate codes*)?

1. Lack of rain
2. Crops destroyed by Livestock
3. Crops destroyed by diseases
4. Crops attacked by pests (quelea birds, insects etc)
5. Underground fire

6. Crops destroyed by floods
7. Crops destroyed by weeds
8. Crops destroyed by frost
9. Crops destroyed by wildlife
10. Other (Specify) \_\_\_\_\_

#### SECTION IV : WATER SUPPLY ,FARM EQUIPMENT AND MACHINERY INVENTORY

55a What is your most reliable source of water supply for the following?

|              | <i>Tick where appropriate</i> |                           |        |                                               |                   |                     |
|--------------|-------------------------------|---------------------------|--------|-----------------------------------------------|-------------------|---------------------|
|              | 1.Borehole                    | 2. Well(Petse/<br>Sediba) | 3. Dam | 4. River (Open well)<br>(Including Go shaola) | 5. Lecha<br>(Pan) | 6. Pond<br>(Mogobe) |
| 1. Livestock |                               |                           |        |                                               |                   |                     |
| 2. Household |                               |                           |        |                                               |                   |                     |

55b Who owns the water source?

|              | <i>Tick where appropriate</i> |        |           |           |            |                 |
|--------------|-------------------------------|--------|-----------|-----------|------------|-----------------|
|              | Self                          | Family | Syndicate | Community | Government | Other (Specify) |
| 1. Livestock |                               |        |           |           |            |                 |
| 2. Household |                               |        |           |           |            |                 |

55c For water supply being borehole ; state the source of energy

1. Solar
2. Petrol
3. Diesel
4. Electricity

55d What is the approximate distance in kilometres from the kraal/holding to the water source?

**Note: For livestock, the approximate distance is from the kraal, rather than from the housing unit.**

|              | Distance in Km |
|--------------|----------------|
| 1. Livestock |                |
| 2. Household |                |

56 How many of the following do you own and are either in good working condition or temporarily out of order?

|                   | Working Condition |                             |       |                      | Working Condition |                             |       |
|-------------------|-------------------|-----------------------------|-------|----------------------|-------------------|-----------------------------|-------|
|                   | Good              | Temporarily<br>Out of Order | Total |                      | Good              | Temporarily<br>Out of Order | Total |
| 1. Harrow         |                   |                             |       | 14. Trailer          |                   |                             |       |
| 2. Single Plough  |                   |                             |       | 15. Cart             |                   |                             |       |
| 3. Double Plough  |                   |                             |       | 16. Shovel           |                   |                             |       |
| 4. Single Planter |                   |                             |       | 17. Spray race       |                   |                             |       |
| 5. Double Planter |                   |                             |       | 18. Spray pump       |                   |                             |       |
| 6. Cultivator     |                   |                             |       | 19. Dip-tank         |                   |                             |       |
| 7. Mower          |                   |                             |       | 20. Maize grinder    |                   |                             |       |
| 8. Hoe            |                   |                             |       | 21. Maize Sheller    |                   |                             |       |
| 9. Rake           |                   |                             |       | 22. Bailer           |                   |                             |       |
| 10. Wheel Barrow  |                   |                             |       | 23. Forage Harvester |                   |                             |       |
| 11. Thresher      |                   |                             |       | 24. Double harvester |                   |                             |       |
| 12. Tractor       |                   |                             |       | 25. _____            |                   |                             |       |
| 13. Truck         |                   |                             |       | 26. _____            |                   |                             |       |

## SECTION V : FARM ENTERPRISE

### Part A: ECONOMIC SECTION

57a What are the sources of income for this Holding *(Circle Appropriate codes)*?

- |                                |                                              |
|--------------------------------|----------------------------------------------|
| 1. Sale of Crop produce        | 5. Income from a business other than farming |
| 2. Sale of Livestock           | 6. Remittances                               |
| 3. Income from paid Employment | 7. Pension                                   |
| 4. Sale of other produce       | 8. Other (Specify) _____                     |

57b Of the ones indicated above, which one do you regard as the **main**?

58a What are the sources of food for this Holding *(Circle Appropriate codes)*?

1. Own farm production
2. Purchased food
3. Government rations
4. Supplies from relatives /friends
5. Other (Specify) \_\_\_\_\_

58b Of the ones indicated above, which one do you regard as the **main** source?

59 Are you aware of any of the following Farming Programmes?

**(Circle codes)**

1. ALDEP
2. NAMPAAD
3. SLOCA
4. Livestock Water Development
5. Other (Specify) \_\_\_\_\_
6. None \_\_\_\_\_

### Part B: FARM LABOUR

60 Is there anyone employed either on fulltime or on temporary basis to work on this holding?

**Circle**

1. Yes \_\_\_\_\_
2. No  $\Rightarrow$  END INTERVIEW \_\_\_\_\_

| Question 61 PERSONS CURRENTLY EMPLOYED IN THIS HOLDING |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
|--------------------------------------------------------|---------------------------------------------------------------------------|----------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|                                                        | NAME                                                                      | SEX                  | AGE                                          | CITIZENSHIP                                                                                                                                                                                                                                                                                 | MARITAL STATUS                 | SCHOOL ATTENDANCE                                                                                                 | HIGHEST LEVEL                                                                             | SKILLS ACQUIRED                                                                                                                                                     | EMPLOYEE STATUS                                                                                                                                                                                                                   | OCCUPATION                                                                                                     | PAY-PERIOD                                                                                                                             | MODE OF PAYMENT                                                                                                             | AMOUNT                                                                                                   | CASH EQUI-                                                                  |
| 1                                                      | 2                                                                         | 3                    | 4                                            | 5                                                                                                                                                                                                                                                                                           | 6                              | 7                                                                                                                 | 8                                                                                         | 9                                                                                                                                                                   | 10                                                                                                                                                                                                                                | 11                                                                                                             | 12                                                                                                                                     | 13                                                                                                                          | 14                                                                                                       | 15                                                                          |
| WORKER                                                 | Please Give names of all those who are currently employed in this holding | 1. Male<br>2. Female | How Old is ... ?<br>(Age In Completed Years) | What is the country of... 's citizenship?<br>001 Botswana<br>002 Angola<br>003 Lesotho<br>004 Malawi<br>005 Mozambique<br>006 Namibia<br>007 South Africa<br>008 Swaziland<br>009 Zambia<br>010 Zimbabwe<br>011 Tanzania<br>012 DRC<br>013 Mauritius<br>014 Seychelles<br>Other - (specify) | What is ... 's marital status? | Has---Ever Attended School?<br>1. Never attended<br>Go to colm 9<br>2. Yes- Attending<br>3. Yes - But Left School | What is the Highest Level/ Grade Has..... Completed?<br>(Use Education Codes Given below) | How did ..... Get the Skills He/She uses now?<br>1. Self taught<br>2. Apprenticeship<br>3. On the Job<br>4. Technical/ Vocational Institution<br>Other... (Specify) | What is ... working as?<br>1. Employee - paid cash<br>2. Employee - paid inkind<br>3. Self employed - no employees<br>4. Self employed - with employees<br>5. Unpaid family helper<br>6. Worked in own lands/ cattlepost (unpaid) | What type of WORK does .....do ?<br><br>(Use at least two words to describe his/her work. Probe as necessary.) | How Often is.....Paid?<br>1. Daily<br>2. Weekly<br>3. Fortnightly<br>4. Monthly<br>5. Every Six Months<br>6. Yearly<br>Other (Specify) | How is...Paid<br>1. Cash Only<br>2. In Kind only<br>(Go To Column 15)<br>3. Both 1 & 2<br>(Complete both columns 14 and 15) | How Much Cash To The Nearest Pula?<br>(If code 1 in col. 13, then end interview otherwise go to col. 15) | How Much Is the Cash Equivalent of the In Kind Payment to the Nearest Pula? |
| 1                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 2                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 3                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 4                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 5                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 6                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 7                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 8                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 9                                                      |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 10                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 11                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 12                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 13                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 14                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 15                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 16                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 17                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 18                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 19                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |
| 20                                                     |                                                                           |                      |                                              |                                                                                                                                                                                                                                                                                             |                                |                                                                                                                   |                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                   |                                                                                                                |                                                                                                                                        |                                                                                                                             |                                                                                                          |                                                                             |

NOTE: Column 8 - HIGHEST LEVEL OF EDUCATION COMPLETED:

| Pre-school               | Primary                     | Secondary    | Non Formal               |
|--------------------------|-----------------------------|--------------|--------------------------|
| 00 1st year not complete | 10 Standard 1 not completed | 13 Std 3     | 21 Form 1                |
| 01 1st year completed    | 11 Standard 1               | 14 Std 4     | 22 Form 2                |
| 02 2nd year completed    | 12 Standard 2               | 15 Std 5     | 23 Form 3                |
| 09 Don't Know            |                             | 16 Std 6     | 24 Form 4                |
|                          |                             | 17 Std 7     | 25 Form 5                |
|                          |                             | 18 Not Known | 26 Form 6                |
|                          |                             |              | 29 Not Known             |
|                          |                             |              | 60 Primer 1 not complete |
|                          |                             |              | 61 Primer 1              |
|                          |                             |              | 62 Primer 2              |
|                          |                             |              | 63 Primer 3              |
|                          |                             |              | 64 Primer 4              |
|                          |                             |              | 65 Primer 5              |
|                          |                             |              | 69 Not Known             |

**Section V Land Measurement .**

**62 TAKE FIELD MEASUREMENT: VISIT EACH FIELD REPORTED IN THE HOLDING.**

**NOTE: MAKE SURE THAT THE NUMBER OF FIELDS REPORTED FOR AREA MEASUREMENT REFLECT THE NUMBER OF FIELDS REPORTED IN QUESTION 21 IN THAT SEQUENCE**

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

- a. Perimeter Field  
b. Closing Error (%)  
c. Area

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

- a. Perimeter Field  
b. Closing Error (%)  
c. Area

Land Measurement Continued

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

a. Perimeter Field

b. Closing Error (%)

c. Area

Sketch Map of Field

Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

| Side    | Length(m) | Bearing |          | Inside Angle |
|---------|-----------|---------|----------|--------------|
|         |           | Forward | Backward |              |
| AB : BA |           |         |          |              |
| BC : CB |           |         |          |              |
| CD : DC |           |         |          |              |
| DE : ED |           |         |          |              |
| EF : FE |           |         |          |              |
| FG : GH |           |         |          |              |
| HI : IH |           |         |          |              |

**Note:** The first inside angle is the difference between the first bearing AB and the last backward bearing (from the starting point A).

| Side | Length(m) | Bearing |          | Inside Angle |
|------|-----------|---------|----------|--------------|
|      |           | Forward | Backward |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |
|      |           |         |          |              |

a. Perimeter Field

b. Closing Error (%)

c. Area

63 Total Number of Fields:

1. Crop Fields

2. Fallow Fields



Republic of Botswana

**CENTRAL STATISTICS OFFICE**  
Private Bag 0024  
GABORONE, BOTSWANA



*All correspondence should be addressed to the Government Statistician*

CONFIDENTIAL

**2004 AGRICULTURAL CENSUS**

Collected under Statistics Act ( Cap 17:01)

**FORM IV: COMMERCIAL FARMS AND RANCHES**

**Section I: IDENTIFICATION**

|  |                            |  |
|--|----------------------------|--|
|  | <b>For Office Use Only</b> |  |
|  | 1 Agricultural Region:     |  |
|  | 2 Agricultural District:   |  |
|  | 3 Block Number             |  |
|  | 4 Questionnaire Number     |  |
|  |                            |  |
|  |                            |  |
|  |                            |  |
|  |                            |  |
|  |                            |  |

- 5 If the above Name is incorrect or the Estate has a New Owner, please write the correct address in the opposite box.

*(Unless otherwise stated, responses are to be circled)*

- 6 What is the Farm Number ?

- 7 If this Farm is also known by another Name, please indicate: \_\_\_\_\_

- 8 Ownership status                      1. Owner                                      2. Leasee

- 8a Name of Owner/Leasee \_\_\_\_\_

- 9 Sex                                              1. Male                                              2. Female

- 10a In which Block is this Farm located? *(enter appropriate code)*

- |                      |                     |                            |
|----------------------|---------------------|----------------------------|
| 1. Tuli Block        | 7. Lobatse Freehold | 13. Haina Veld TGLP        |
| 2. Tati Block        | 8. Sand Veld TGLP   | 14. Nata TGLP              |
| 3. Gantsi Freehold   | 9. Ngwaketse TGLP   | 15. Lepasha TGLP           |
| 4. Molopo Freehold   | 10. Kgalagadi TGLP  | 16. Barolong Farms         |
| 5. Gaborone Freehold | 11. Kweneng TGLP    | 17. Other <i>(Specify)</i> |
| 6. Pandamatenga      | 12. Gantsi TGLP     |                            |

- 10b What is the total area for this particular Farm?                      Hectares

- 10c Is the farm fenced?                      1. Yes                                      2. No

- 11 Indicate the type of Organisation or Management of this Farm :*(enter appropriate code)*

- |                            |                           |
|----------------------------|---------------------------|
| 1. Individual Ownership    | 5. Public Limited Company |
| 2. Partnership             | 6. TGLP Syndicate         |
| 3. Co-operative            | 7. Government             |
| 4. Private Limited Company | 8. Other <i>(Specify)</i> |

- 12 How do you rate the production of this ranch?                      *(enter appropriate code)*

- |              |         |
|--------------|---------|
| 1. Very Good | 3. Fair |
| 2. Good      | 4. Poor |

13 Are there other farms in this Block that are under the same Ownership as this one?

Yes = 1

No = 2 → Section II

14 Please give Farm Names, Locations and Total Area for each Farm specified.

|    | N a m e | Postal Address | Area | Unit |
|----|---------|----------------|------|------|
| 1  |         |                |      |      |
| 2  |         |                |      |      |
| 3  |         |                |      |      |
| 4  |         |                |      |      |
| 5  |         |                |      |      |
| 6  |         |                |      |      |
| 7  |         |                |      |      |
| 8  |         |                |      |      |
| 9  |         |                |      |      |
| 10 |         |                |      |      |

*\* Please do not include information from these Farms on this form. You will be sent separate FORMS for each Farm that you have specified in Question 14.*

---

---

**Section II : LIVESTOCK: BEEF AND DAIRY CATTLE**

15a Does this Farm have any Cattle?

1. Dairy only

2. Beef only

3. Both

4. None

→ Question 17a

} → Question 16a

15b Did this Farm have any Cattle during this agricultural season?

1. Yes

2. No

→ Question 19

→ Question 26a

**A: BEEF CATTLE ONLY**

16a How many of the following beef animals do you have for each breed on this Farm?

| B r e e d           | Bulls | Oxen | Cows | Heifers | Tollies | Bullocks | Male Calves | Female Calves |
|---------------------|-------|------|------|---------|---------|----------|-------------|---------------|
| 1. Semintal         |       |      |      |         |         |          |             |               |
| 2. Charollier       |       |      |      |         |         |          |             |               |
| 3. Brown Swiss      |       |      |      |         |         |          |             |               |
| 4. Tuli             |       |      |      |         |         |          |             |               |
| 5. Bonsmara         |       |      |      |         |         |          |             |               |
| 6. Brahman          |       |      |      |         |         |          |             |               |
| 7. Sussex           |       |      |      |         |         |          |             |               |
| 8. Afrikander       |       |      |      |         |         |          |             |               |
| 9. Santa Getrudis   |       |      |      |         |         |          |             |               |
| 10. Crosses         |       |      |      |         |         |          |             |               |
| 11. Tswana          |       |      |      |         |         |          |             |               |
| 12. Other (specify) |       |      |      |         |         |          |             |               |
|                     |       |      |      |         |         |          |             |               |
|                     |       |      |      |         |         |          |             |               |
| TOTAL               |       |      |      |         |         |          |             |               |

16b **Cattle Breed Preference:** Which breed of beef cattle do you prefer most?

16c Why do you prefer this particular breed?

## B. DAIRY CATTLE ONLY

17a How many of the following dairy animals do you have for each breed on this Farm?

| B r e e d          | Bulls | Oxen | Cows    |     | Heifers | Tollies | Bullocks | Calves |
|--------------------|-------|------|---------|-----|---------|---------|----------|--------|
|                    |       |      | Milking | Dry |         |         |          |        |
| 1.Dairy Semintal   |       |      |         |     |         |         |          |        |
| 2. Brown Swiss     |       |      |         |     |         |         |          |        |
| 3. Jersey          |       |      |         |     |         |         |          |        |
| 4. Holstein        |       |      |         |     |         |         |          |        |
| 5. Friesian        |       |      |         |     |         |         |          |        |
| 6. Dairy Swiss     |       |      |         |     |         |         |          |        |
| 7. Dairy crosses   |       |      |         |     |         |         |          |        |
| 8. Other (specify) |       |      |         |     |         |         |          |        |
| TOTAL              |       |      |         |     |         |         |          |        |

17b Cattle Breed Preference: Which breed of dairy cattle do you prefer most?

---

17c Why do you prefer this particular breed?

---

17d Breeding Stock: How many were bought and what were the costs during this agricultural season?

1. Locally
2. Imported
3. Other

| Number | Cost |
|--------|------|
|        |      |
|        |      |
|        |      |

17e Were the animals tested for TB and Brucellosis during this agricultural season?  
( tick appropriate box)

|             | Yes | No |
|-------------|-----|----|
| TB          |     |    |
| Brucellosis |     |    |

## MILK AND MILK PRODUCTS

18a How much milk is produced per day in litres?

18b How much milk is produced per lactation period? (I.e in 305 Days)

18c What is the farm gate price per litre?

*price*

18d To whom is the raw milk sold ?

1. Processing plant

2. Consumer

18e Is some of the milk produced in this farm processed to produce the following?

(tick appropriate box)

| Product            | Yes | No |
|--------------------|-----|----|
| 1. Pasturised milk |     |    |
| 2. Sour milk       |     |    |
| 3. Yoghurt         |     |    |
| 4. Cheese          |     |    |
| 5. Other (specify) |     |    |

18f What are the quantities produced monthly per each product and the retail prices?

| Product         | Quantity | Weight per unit of measure | Retail price/unit | Sold To |
|-----------------|----------|----------------------------|-------------------|---------|
| Pasturised milk |          |                            |                   |         |
| Sour milk       |          |                            |                   |         |
| Yoghurt         |          |                            |                   |         |
| Cheese          |          |                            |                   |         |
| Other (specify) |          |                            |                   |         |



## DAIRY EQUIPMENT AND PROBLEMS ENCOUNTERED

**18g** How many of the following do you have and are either in good working condition or temporarily out of order?

Milk cooling tank  
 Milking machine (with its accessories)  
 Milk cans  
 Milk strainer  
 Strip cup  
 Seamless milk buckets  
 Nitrogen flask

| Working condition |              |       |
|-------------------|--------------|-------|
| Working           | Out of order | Total |
|                   |              |       |
|                   |              |       |
|                   |              |       |
|                   |              |       |
|                   |              |       |
|                   |              |       |
|                   |              |       |

**18h** Are there any problems that you experience in this dairy farm ? (Tick in box)

1. Market problems
2. Veterinary support services
3. Other (specify)

| Yes | No |
|-----|----|
|     |    |
|     |    |
|     |    |

### C: BOTH BEEF AND DAIRY

**19 Breeding Method:** What is the breeding method used amongst your Cattle?

1. Artificial insemination
2. Bull service
3. Both

**19a** Why do you prefer this particular method?

### CALVES ONLY

**19b Births:** How many Calves were born during this agricultural season through each method?  
*include those dead, lost, sold etc*

| Method of Breeding         | Number of calves |
|----------------------------|------------------|
| 1. Artificial insemination |                  |
| 2. Bull service            |                  |

**19c Deaths:** How many Calves died during this agricultural season?

(Number)

|          |  |
|----------|--|
| 1. Beef  |  |
| 2. Dairy |  |

**20 Loss:** How many Calves were lost due to strays and theft during this agricultural season?

(Number)

|          |  |
|----------|--|
| 1. Beef  |  |
| 2. Dairy |  |

### CATTLE - -EXCLUDING CALVES

**21 Deaths:** How many Cattle, excluding Calves, died during this agricultural season?

(Number)

|          |  |
|----------|--|
| 1. Beef  |  |
| 2. Dairy |  |

**22 Lost:** How many Cattle excluding calves were lost due to strays and theft during this agricultural season?

(Number)

|          |  |
|----------|--|
| 1. Beef  |  |
| 2. Dairy |  |

**23 Consumption:** How many Cattle were slaughtered for home consumption during this agricultural season?

(Number)

|          |  |
|----------|--|
| 1. Beef  |  |
| 2. Dairy |  |

**23a** How many cattle were eradicated due to cattle disease outbreaks during this agricultural season?

(Number)

|          |  |
|----------|--|
| 1. Beef  |  |
| 2. Dairy |  |

24 **Given away:** How many Cattle were given away (including Bogadi/Lobola) during this agricultural season?

(Number)

1. Beef   
2. Dairy

25a **Sales :** How many Cattle were sold or traded out during this agricultural season?

| S o l d T o           | S o l d |       | T r a d e d O u t |       |             |
|-----------------------|---------|-------|-------------------|-------|-------------|
|                       | Number  | Value | Number            | Value | Description |
| 1. BMC Direct         |         |       |                   |       |             |
| 2. BMC Agent          |         |       |                   |       |             |
| 3. At Auction         |         |       |                   |       |             |
| 4. Municipal Abbatoir |         |       |                   |       |             |
| 5. Another Farmer     |         |       |                   |       |             |
| 6. Village Abbatoir   |         |       |                   |       |             |
| 7. Trader             |         |       |                   |       |             |
| 8. Butcher            |         |       |                   |       |             |
| 9. Feedlot            |         |       |                   |       |             |

25b **Purchases:** Number of Cattle purchased/obtained during this agricultural season?

| Purchased/Obtained |              | Number | Value | Description of goods given out | Office Use |
|--------------------|--------------|--------|-------|--------------------------------|------------|
| 1. Beef            | 1. Purchased |        |       |                                |            |
|                    | 2. Obtained  |        |       |                                |            |
| 2. Dairy           | 1. Purchased |        |       |                                |            |
|                    | 2. Obtained  |        |       |                                |            |

## Section II : LIVESTOCK: GOATS

26a Does this farm have any Goats?

Yes=1 ☐ Question 27  
No = 2 ☐

26b Did this Farm have any Goats during this agricultural season?

Yes=1 ☐ Q 28  
No = 2 ☐ Q 37a

27 How many of the following animals do you have on this Farm?

| Breed              | Uncastrated males | Castrated Males | Females | Male Kids | Female Kids |
|--------------------|-------------------|-----------------|---------|-----------|-------------|
| 1.Boer goat        |                   |                 |         |           |             |
| 2. Sanaan          |                   |                 |         |           |             |
| 3. Tswana          |                   |                 |         |           |             |
| 4. Other (specify) |                   |                 |         |           |             |
| Total              |                   |                 |         |           |             |

## K I D S O N L Y

28 **Births:** How many Kids were born during this agricultural season?  
*include those dead, lost, sold etc*

29 **Deaths:** How many Kids died during this agricultural season?

30 **Lost:** How many Kids were lost due to strays and theft during this agricultural season?

## GOATS - EXCLUDING KIDS

31 **Deaths:** How many Goats, excluding Kids, died during this agricultural season?

32 **Lost:** How many Goats(excluding Kids) were lost due to strays and theft during this agricultural season?

33 **Consumption:** How many Goats were slaughtered for consumption during this agricultural season?  
*Include those slaughtered for weddings, death ceremonies and all other ceremonies*

34 **Given away:** How many Goats were given away during this agricultural season?

35 **Sales:** How many Goats were sold or traded during this agricultural season?

| Sales/Traded | number | Value (Pula) | Description of goods received where applicable | (Office Use) |
|--------------|--------|--------------|------------------------------------------------|--------------|
| 1. Sales     |        |              |                                                |              |
| 2. Traded    |        |              |                                                |              |

36 **Purchased:**How many goats were purchased/obtained during this agricultural season?

| Purchased/Obtained | number | Value (Pula) | Description of goods given out where applicable | (Office Use) |
|--------------------|--------|--------------|-------------------------------------------------|--------------|
| 1. Purchased       |        |              |                                                 |              |
| 2. Obtained        |        |              |                                                 |              |

**Section II : LIVESTOCK: SHEEP**

37a Does this Farm have any Sheep?

Yes=1  $\Rightarrow$  Q 38  
No = 2

37b Did this Farm have any Sheep during this agricultural season?

Yes=1  $\Rightarrow$  Q 39  
No = 2  $\Rightarrow$  Q 48

38 How many of the following animals do you have on this Farm?

| Breed              | Uncastrated males | Castrated Males | Female sheep | Male Lambs | Female Lambs |
|--------------------|-------------------|-----------------|--------------|------------|--------------|
| 1. Dorper          |                   |                 |              |            |              |
| 2. Karakul         |                   |                 |              |            |              |
| 3. Tswana          |                   |                 |              |            |              |
| 4. Other (specify) |                   |                 |              |            |              |
| Total              |                   |                 |              |            |              |

**L A M B S O N L Y**

39 **Births:** How many Lambs were born during this agricultural season?  
*include those dead, lost, sold etc*

40 **Deaths:** How many Lambs died during this agricultural season?

41 **Lost:** How many Lambs were lost due to strays and theft during this agricultural season?

**SHEEP - EXCLUDING LAMBS**

42 **Deaths:** How many Sheep, excluding Lambs, died during this agricultural season?

43 **Lost:** How many Sheep(excluding Lambs) were lost due to strays during this agricultural season?

44 **Consumption:**How many Sheep were slaughtered for consumption during this agricultural season?  
*Include those slaughtered for weddings, death ceremonies etc*

45 **Given away:** How many Sheep were given away during this agricultural season?

46 **Sales:** How many Sheep were sold or traded during this agricultural season?

| Sales/Traded | number | Value (Pula) | Description of goods received where applicable | office use |
|--------------|--------|--------------|------------------------------------------------|------------|
| 1. Sales     |        |              |                                                |            |
| 2. Traded    |        |              |                                                |            |

47 **Purchased:** Purchased/obtained during this agricultural season?

| Purchased/Obtained | number | Value (Pula) | Description of goods given out where applicable | Office Use |
|--------------------|--------|--------------|-------------------------------------------------|------------|
| 1. Purchased       |        |              |                                                 |            |
| 2. Obtained        |        |              |                                                 |            |

**Section II : LIVESTOCK: OTHER LIVESTOCK**

48 How many Other Livestock are on this Farm/Ranch and how many were sold or traded during this agricultural season?  
*If animals were exchanged for other goods, state the value or the description of those goods?*

| ANIMAL           | Current | SALES  |       | TRADED O U T |                                      | office use |
|------------------|---------|--------|-------|--------------|--------------------------------------|------------|
|                  | Number  | Number | Value | Number       | Description of traded goods received | Value      |
| 1. Pigs          |         |        |       |              |                                      |            |
| 2. Donkeys/Mules |         |        |       |              |                                      |            |
| 3. Mules         |         |        |       |              |                                      |            |
| 4. Horses        |         |        |       |              |                                      |            |
| 5. Dogs          |         |        |       |              |                                      |            |
| 6. Chickens      |         |        |       |              |                                      |            |
| 7. Ostriches     |         |        |       |              |                                      |            |
| 8. Other Birds   |         |        |       |              |                                      |            |
| 9. Other Animals |         |        |       |              |                                      |            |

49a Were any vaccines/drugs/medicines used on your livestock during this agricultural season?

Yes=1

No = 2



Q 50a

49b What vaccines/drugs/medicines did you use?

(write names of vaccines/drugs/medicines below)

|   |       |   |       |
|---|-------|---|-------|
| 1 | _____ | 4 | _____ |
| 2 | _____ | 5 | _____ |
| 3 | _____ | 6 | _____ |

49c What were these vaccines/drugs/medicines used to control?

Tick where appropriate

|            |              |                  |                    |
|------------|--------------|------------------|--------------------|
| 1. Insects | 2. Parasites | 3. Disease/Fungi | 4. Other (Specify) |
| _____      | _____        | _____            | _____              |

**Section III: A. CROP PRODUCTION (Cereal Crops, Fruits, & Vegetables)**

50a Did you or any member of this holding plant/ grow any crops, fruits or vegetables in this Farm during this agricultural season?

Yes = 1

No = 2

⇒ Q 62

50b Are there any crops under irrigation during this agricultural season?

Yes = 1

No = 2

⇒ Q 54

51 Please indicate the type of irrigation system used (Tick where appropriate).

|           |         |              |                 |          |              |         |
|-----------|---------|--------------|-----------------|----------|--------------|---------|
| 1. Furrow | 2. Drip | 3. Sprinkler | 4. Centre Pivot | 5. Basin | 6. Micro Jet | 7. Hose |
| _____     | _____   | _____        | _____           | _____    | _____        | _____   |

**Section III: B. CROP PRODUCTION : WATER SOURCE AND MARKETING OF HORTICULTURAL PRODUCE**

52 What is your most reliable source of water supply for your crops? (Tick where appropriate)

|           |       |       |
|-----------|-------|-------|
| Bore-hole | Dam   | River |
| _____     | _____ | _____ |

53 Who owns the water source?

(enter code in box)

1. Self
2. Family
3. Syndicate
4. Community
5. Council
6. None

**Section IV: FARMING PRACTICE USE OF FERTILISER**

54 Were any fertilisers used on any of your crop fields?

Yes = 1

No = 2

⇒ Q57

55 What kind of fertilisers did you use?

1. Chemical only
2. Manure only
3. Both chemical and manure

56 What was the overall quantity used?

Kg

57 Were any pesticides used on your crop fields?

Yes = 1

No = 2

⇒ Q 59

58 What kind of pesticide did you use? (enter code in box)

- |                      |                 |
|----------------------|-----------------|
| 1. Parathion         | 6. DDT          |
| 2. Diamond Backmorth | 7. Addreen      |
| 3. Malathion         | 8. Cypermethrin |
| 4. Carbarly          | 9.....          |
| 5. Alphamethrin      | 10. ....        |

**Section V DISPOSAL OF YOUR CROP PRODUCTION**

59 Please give details below of the total area planted and harvested and the crop production and disposal in the agricultural period. For perennial crops, give total area under cultivation.

| Crops            | Crop Area Planted and Harvested                 |           |                     |           | Total Production for the Season           |                      |                     | Disposal of your Production for the Season |                                    |                                               |                                |                                                  |                                       |                              |    | Crop Code<br>Office Use Only |
|------------------|-------------------------------------------------|-----------|---------------------|-----------|-------------------------------------------|----------------------|---------------------|--------------------------------------------|------------------------------------|-----------------------------------------------|--------------------------------|--------------------------------------------------|---------------------------------------|------------------------------|----|------------------------------|
|                  | Total Area in Hectares<br>(Including Irrigated) |           | Irrigated Area only |           | Total Production<br>(including irrigated) |                      | Irrigated Area Only | Number of Units Sold                       | Average Price per Unit Sold (Pula) | Total Receipts from Sales Already Made (Pula) | Number of Units Expect to Sell | Expected Total Receipts from column 12 ( Pula) * | Units given away &Home Consumption ** | Units for Payment in Kind ** |    |                              |
|                  | Planted                                         | Harvested | Planted             | Harvested | Number of Units                           | Weight (kg) per Unit | Number of Units     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
|                  | 2                                               | 3         | 4                   | 5         | 6                                         | 7                    | 8                   | 9                                          | 10                                 | 11                                            | 12                             | 13                                               | 14                                    | 15                           | 16 |                              |
| A. GRAINS        |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
|                  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 1. Sorghum       |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 2. Maize         |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 3. Pearl millet  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 4. Finger millet |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 5. Wheat         |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
|                  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| B. CASH CROPS    |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
|                  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 1. Cow peas      |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 2. Common beans  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 3. Tepary beans  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 4. Mug beans     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 5. Jugo beans    |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 6. Sunflower     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 7. Groundnuts    |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 8. Cotton        |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 9. Lucerne       |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 10. Chillies     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 11. Okra         |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 12. Baby Marrow  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 13. Egg Plant    |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 14. Sweet reed   |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 15. Sugar cane   |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 16. Lablab       |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
| 17. Olive        |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |
|                  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                  |                                       |                              |    |                              |

Notes:

1. Please include any crops you have that are not listed.
2. In columns 6, 7, 8, 9, 10, 12, 14, 15, by UNIT we mean a bag, box, bundle, etc. Specify average weight per unit in column 7.
3. Columns 9, 10 & 11 deal with sales you have already made, while column 12 deals with sales you still expect to make from the harvest of the current agricultural season (October of previous year to September of current year)
4. \* Column 13 requires the expected total receipts from the remaining units still to be sold.
5. \*\* Include in: Column 14 quantity for your own household consumption & given away, Column 15 quantity used for farm labourers as payment in kind,

| Crops          | Crop Area Planted and Harvested                 |           |                     |           | Total Production for the Season           |                      |                     | Disposal of your Production for the Season |                                    |                                               |                                |                                                   |                               |                              | Crop Code<br>Office Use Only |
|----------------|-------------------------------------------------|-----------|---------------------|-----------|-------------------------------------------|----------------------|---------------------|--------------------------------------------|------------------------------------|-----------------------------------------------|--------------------------------|---------------------------------------------------|-------------------------------|------------------------------|------------------------------|
|                | Total Area in Hectares<br>(Including Irrigated) |           | Irrigated Area only |           | Total Production<br>(including irrigated) |                      | Irrigated Area Only | Number of Units Sold                       | Average Price per Unit Sold (Pula) | Total Receipts from Sales Already Made (Pula) | Number of Units Expect to Sell | Expected Total Receipts from column 13 ( Pula ) * | Units for Home Consumption ** | Units for Payment in Kind ** |                              |
|                | Planted                                         | Harvested | Planted             | Harvested | Number of Units                           | Weight (kg) per Unit | Number of Units     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                | 2                                               | 3         | 4                   | 5         | 6                                         | 7                    | 8                   | 9                                          | 10                                 | 11                                            | 12                             | 13                                                | 14                            | 15                           |                              |
| C. VEGETABLES  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 1. Potatoes    |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 2. Tomatoes    |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 3. Onions      |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 4. Cabbage     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 5. Spinach     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 6. Carrots     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 7. Beet Root   |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 8. Rape        |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 9. Kale        |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| D. FRUIT       |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 1. Oranges     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 2. Naartjies   |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 3. Lemons      |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 4. Grapefruit  |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 5. Bananas     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 6. Watermelons |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 7. Mango       |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
| 8. Peaches     |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |
|                |                                                 |           |                     |           |                                           |                      |                     |                                            |                                    |                                               |                                |                                                   |                               |                              |                              |

## Notes:

1. Please include any crops you have that are not listed.
2. In columns 6, 7, 8, 9, 10, 12, 14, 15, by UNIT we mean a bag, box, bundle, etc. Specify average weight per unit in column 7.
3. Columns 9, 10 & 11 deal with sales you have already made, while column 12 deals with sales you still expect to make from the harvest of the current agricultural season (October of previous year to September of current year)
4. \* Column 13 requires the expected total receipts from the remaining units still to be sold.
5. \*\* Include in: Column 14 quantity for your own household consumption & given away, Column 15 quantity used for farm labourers as payment in kind,

60 Who are your major Crop Buyers (during this agricultural season? )

1. BAMB
2. BAMB Agent
3. Co-operative
4. Trader
5. Exported
6. Millers
7. Public
- Other (specify)-----

61 To which of the following buyers do you sell your horticultural produce?  
(Circle appropriate codes)

1. Wholesalers
2. Farm Stall
3. Retailers
4. Street Vendors
5. Fresh Produce Market
6. Institutions
7. Public
- Other (specify)-----

62 Do you have any land in this Farm that you did not plough/plant during this agricultural season?

Yes = 1  
No = 2  $\Rightarrow$  Q 64

63 What is the total fallow area this season in hectares ?

Hectares

#### Section VI: AGRICULTURAL EQUIPMENT AND IMPLEMENTS

64 How many of the following do you own and are either in good working condition or temporarily out of order?  
(Read out the list and put in the number inside the box)

|                   | Total Number | Good Condition | Temporarily Out of Order |
|-------------------|--------------|----------------|--------------------------|
| 1. Harrow         |              |                |                          |
| 2. Single Plough  |              |                |                          |
| 3. Double Plough  |              |                |                          |
| 4. Single Planter |              |                |                          |
| 5. Double Planter |              |                |                          |
| 6. Cultivator     |              |                |                          |
| 7. Mower          |              |                |                          |
| 8. Hand Hoe       |              |                |                          |
| 9. Rake           |              |                |                          |
| 10. Wheel Barrow  |              |                |                          |
| 11. Thresher      |              |                |                          |
| 12. Tractor       |              |                |                          |
| 13. Truck         |              |                |                          |

|                      | Total Number | Good Condition | Temporarily out of order |
|----------------------|--------------|----------------|--------------------------|
| 14. Trailer          |              |                |                          |
| 15. Cart             |              |                |                          |
| 16. Spray race       |              |                |                          |
| 17. Spray pump       |              |                |                          |
| 18. Dip-tank         |              |                |                          |
| 19. Maize grinder    |              |                |                          |
| 20. Maize Sheller    |              |                |                          |
| 21. Bailer           |              |                |                          |
| 22. Forage Hrvester  |              |                |                          |
| 23. Double harvester |              |                |                          |
| 24. _____            |              |                |                          |
| 25. _____            |              |                |                          |
| 26. _____            |              |                |                          |

#### Section VII: AGRICULTURAL LABOUR AND FARM CREDIT

65 a. Are you aware of any Credit Institution(s)?

Yes = 1 No = 2  $\Rightarrow$  Q67

b. Did you apply for any Credit this agricultural season?

Yes = 1 No = 2  $\Rightarrow$  Q67

c. To which credit Institution did you apply ?

|        |                     |                    |
|--------|---------------------|--------------------|
| 1. NDB | 2. Commercial Banks | 3. Other (Specify) |
|        |                     |                    |

d. Did you receive any Credit during this agricultural season?

Yes = 1 No = 2  $\Rightarrow$  Q67

e. Which credit Institution helped you?

|        |                     |                    |
|--------|---------------------|--------------------|
| 1. NDB | 2. Commercial Banks | 3. Other (Specify) |
|        |                     |                    |

f. How much was the credit during this Agricultural Season?

amount

|              |          |                             |
|--------------|----------|-----------------------------|
| 1. Livestock | 2. Crops | 3. Other ( <i>Specify</i> ) |
|              |          |                             |

**No = 2       $\Rightarrow$  Q68**

NOTE: COMPLETE TABLE (QUESTION 67a) FIRST ON PAGE 12 IF CODE IS 1 (YES)

(Circle appropriate codes)

- 69** What kind of assistance would you consider useful to your farm?

(Circle appropriate codes)

- 70** If training is indicated in Q69, What type of training is required?

*(Circle appropriate codes)*

1. Technical skills
2. Commercial- book keeping/financial
3. Managerial/marketing
4. Literacy programme

## THANK YOU

RE A LEBOGA

## DANKIE

[illegible]



| Question 67a                                                 |                                                                           | PERSONS CURRENTLY EMPLOYED IN THIS HOLDING |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
|--------------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
|                                                              | NAME                                                                      | SEX                                        | AGE                                              | CITIZENSHIP                                                                                                                                                                                                                                                                                     | MARITAL STATUS                 | SCHOOL ATTENDANCE                                                                                                             | HIGHEST LEVEL                                                                                 | SKILLS AQUIRED                                                                                                                                                          | EMPLOYEE STATUS                                                                                                                                                                                                                       | OCCUPATION                                                                                                                                               | PAY-PERIOD                                                                                                                                 | MODE OF PAYMENT                                                                                                                         | AMOUNT                                                                                                       | CASH EQUI-                                                                  |
| 1                                                            | 2                                                                         | 3                                          | 4                                                | 5                                                                                                                                                                                                                                                                                               | 6                              | 7                                                                                                                             | 8                                                                                             | 9                                                                                                                                                                       | 10                                                                                                                                                                                                                                    | 11                                                                                                                                                       | 12                                                                                                                                         | 13                                                                                                                                      | 14                                                                                                           | 15                                                                          |
| W<br>O<br>R<br>K<br>E<br>R<br><br>N<br>U<br>M<br>B<br>E<br>R | Please Give names of all those who are currently employed in this holding | 1. Male<br>2. Female                       | How Old is ... ?<br><br>(Age In Completed Years) | What is the country of... 's citizenship?<br><br>001 Botswana<br>002 Angola<br>003 Lesotho<br>004 Malawi<br>005 Mozambique<br>006 Namibia<br>007 South Africa<br>008 Swaziland<br>009 Zambia<br>010 Zimbabwe<br>011 Tanzania<br>012 DRC<br>013 Mauritius<br>014 Seychelles<br>Other - (specify) | What is ... 's marital status? | Has---Ever Attended School?<br><br>1. Never attended<br>Go to colm 9<br><br>2. Yes- Attending<br><br>3. Yes - But Left School | What is the Highest Level/ Grade Has..... Completed?<br><br>(Use Education Codes Given below) | How did ..... Get the Skills He/She uses now?<br><br>1. Self taught<br>2. Apprenticeship<br>3. On the Job<br>4. Technical/ Vocational Institution<br>Other... (Specify) | What is ... working as?<br><br>1. Employee - paid cash<br>2. Employee - paid inkind<br>3. Self employed - no employees<br>4. Self employed - with employees<br>5. Unpaid family helper<br>6. Worked in own lands/ cattlepost (unpaid) | What type of WORK does .....do ?<br><br>(Use at least two words to describe his/her work. Probe as necessary.)<br><br><div>OFFICE<br/>USE<br/>ONLY</div> | How Often is.....Paid?<br><br>1. Daily<br>2. Weekly<br>3. Fortnightly<br>4. Monthly<br>5. Every Six Months<br>6. Yearly<br>Other (Specify) | How is...Paid<br><br>1. Cash Only<br><br>2. In Kind only<br>(Go To Column 15)<br><br>3. Both 1 & 2<br>(Complete both columns 14 and 15) | How Much Cash To The Nearest Pula?<br><br>(If code 1 in col. 13, then end interview otherwise go to col. 15) | How Much Is the Cash Equivalent of the In Kind Payment to the Nearest Pula? |
| 1                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 2                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 3                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 4                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 5                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 6                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 7                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 8                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 9                                                            |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 10                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 11                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 12                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 13                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 14                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 15                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 16                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 17                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 18                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 19                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |
| 20                                                           |                                                                           |                                            |                                                  |                                                                                                                                                                                                                                                                                                 |                                |                                                                                                                               |                                                                                               |                                                                                                                                                                         |                                                                                                                                                                                                                                       |                                                                                                                                                          |                                                                                                                                            |                                                                                                                                         |                                                                                                              |                                                                             |

NOTE: Column 8 - HIGHEST LEVEL OF EDUCATION COMPLETED:

| Pre-school               | Primary                     | Secondary | Non Formal                           |
|--------------------------|-----------------------------|-----------|--------------------------------------|
| 00 1st year not complete | 10 Standard 1 not completed | 13 Std 3  | 16 Std 6                             |
| 01 1st year completed    | 11 Standard 1               | 14 Std 4  | 17 Std 7                             |
| 02 2nd year completed    | 12 Standard 2               | 15 Std 5  | 19 Not Known                         |
| 09 Don't Know            |                             |           |                                      |
|                          |                             | 21 Form 1 | 25 Form 5                            |
|                          |                             | 22 Form 2 | 26 Form 6                            |
|                          |                             | 23 Form 3 | 29 Not Known                         |
|                          |                             | 24 Form 4 |                                      |
|                          |                             |           | 60 Primer 1 not complete 63 Primer 3 |
|                          |                             |           | 61 Primer 1 64 Primer 4              |
|                          |                             |           | 62 Primer 2 65 Primer 5              |
|                          |                             |           | 69 Not Known                         |





