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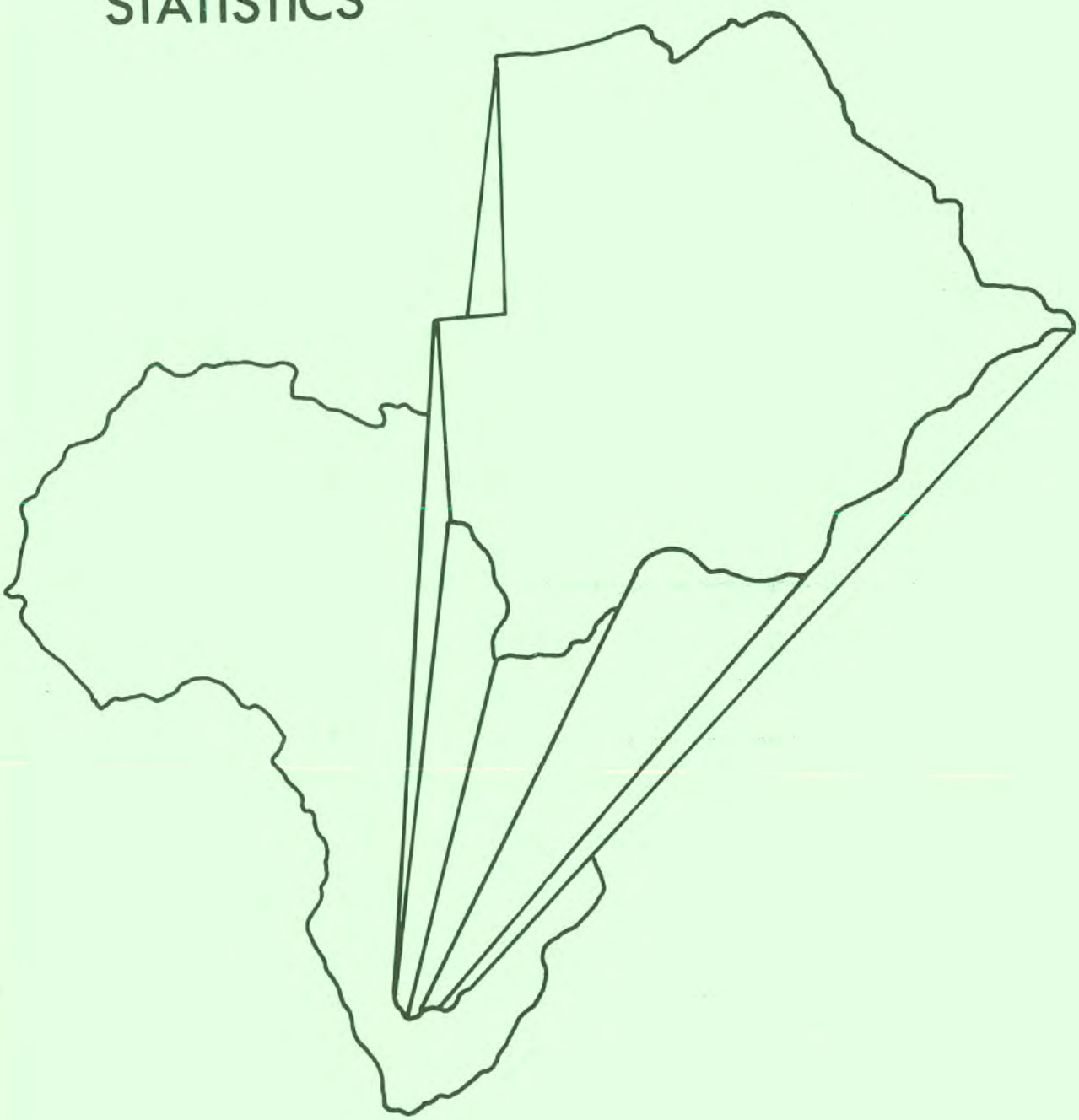
1987 BOTSWANA AGRICULTURAL STATISTICS



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A G R I C U L T U R A L S T A T I S T I C S

1987

(1987 Agricultural Survey Report)

Planning and Statistics Division
Ministry of Agriculture

Published by
Central Statistics Office
Private Bag 0024, Gaborone

Printed by
Government Printer
Gaborone, February 1989

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ISBN 99912—1—008—8

P R E F A C E

This report presents the results of the 1987 Agricultural Survey, the latest in an annual series which started in 1967. It is undertaken by the Agricultural Statistics Unit of the Central Statistics Office with close support from staff of the Planning and Statistics Division of the Ministry of Agriculture where it is located.

As a nation-wide sample enquiry conducted annually, it has proved to be a very effective media for collecting current agricultural data on crop and livestock productions in the country. It is one of several regular enquiries undertaking by the Planning and Statistics Division of the Ministry of Agriculture.

The Agricultural Survey is a major statistical undertaking and like all others, it has its own problems. A major concern is the deterioration of the sampling frame throughout the inter-censal period. Deployment of resources has to be carefully balanced between ever increasing field costs on the one hand and, on the other, the need to produce results of acceptable quality. The computerised processing system was taylor-made and although is highly efficient, it has proved to be less flexible when changes are required to the survey structure. Both the CSO and the Ministry of Agriculture are constantly aware of the need to keep up with changes in user requirements in any development process.

In 1979 a major reappraisal of the Agricultural Survey was undertaken. After a decade both authorities feel it is appropriate that another study was undertaken. It is proposed to look at all aspects of the survey including possible integration with other on-going surveys in both the Ministry and the CSO.

I am grateful to the cooperation and dedication of those associated with the production of this report, and in particular, to the farmers of this country for without their willing cooperation there would have been no results to report on.

G. M. Charumbira
GOVERNMENT STATISTICIAN

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D

l Agricultural Office (Maun, Lobatse, Gaborone, Serowe, Francistown).

t Agricultural Office (Good Hope, Mmathethe, Kanye, Ramotswa, Molepolole, Lentsweletau, Mochudi, Mahalapye, Palapye, Serowe, Bobonong, Francistown, Tutume, Shakawe, Maun, Kasane, Tsabong, Hukuntsi, Ghanzi).

ed Regional Agricultural Office (Western Region).

he proposed regional agricultural office will be in Kang.

ltural Demonstrator postings (Some occupied by Supervisors).

Training Centres.

and H.T.C. (near Francistown, near Kanye).

TECHNICAL NOTES

Coverage

The 1987 Agricultural Statistics report contains the results of an annual nation-wide sample enquiry of commercial and traditional farm holdings during the year. As in previous surveys, the topics included information on crop and livestock productions as well as on farming practices. The annual agricultural survey currently covers all traditional farmers, except those residing permanently in urban areas, and more than 500 large commercial farmers operating on private land. It is one of a number of regular enquiries on various aspects of agriculture undertaken by different units of the Planning and Statistics Division of the Ministry of Agriculture.

Objective

The main objective of the survey is to generate up-to-date information on crop and livestock productions in the country on an annual basis. Information produced is used for monitoring trends in food production and agricultural outputs in general. Agriculture is the core activity of the rural economy in which around 80 percent of the country's population are dependent on.

Survey Design

The basic design was a stratified two-stage sampling scheme. Two separate samples were selected, one of commercial farm holdings and other was a sample of traditional farmers. The survey was carried out in three phases using a combination of direct interviewing and postal questionnaires.

a) Commercial Farm Sample

The commercial farm sample was obtained from an establishment list of commercial farms located in the Tuli, Tati, Lobatse, Gaborone, Xanagas, Pandamatenga, Barolong, Sedibeng and Hynah Velt Blocks. Initially the survey form was posted to all holdings. At a later date a 25 percent sample of non-respondents were visited. The overall response rate ranged between 50 and 60 percent.

b) Traditional Farm Sample

For the traditional farm sample, an area frame based on the 1981 population census data on dwellings was used. This area frame consisted of the entire land of Botswana with the exclusion of commercial farm and urban areas. The entire survey therefore excluded traditional farm holders living 'year round' in urban centres. As a proportion of all traditional farm holders, these are reckoned to be less than two percent.

The area frame was divided into 2,936 blocks (clusters) using the

criterion of roughly equal numbers of dwellings with definable boundaries of each block.

For estimation purposes, the blocks were stratified into 22 districts and the districts further stratified or grouped into 6 regions based on the Agricultural Extension Boundaries for regions and districts.

The selection of traditional farm holders as the unit of enumeration was made in two stages. In each stratum (district) a set number of blocks were selected with probability proportional to size, taken as the number of dwellings listed during the 1981 population census. A complete listing of dwellings was carried out in all the selected blocks to identify farms using a point system. The second stage of selection involved subsampling of farms using a simple random selection method to achieve an overall nation wide sample of around 2,500 farms or about 2 percent of farmers. It should be noted that all farmers who reported cattle holdings of 100 or more in the sample blocks wereincluded in the sample.

Estimation

The method of estimation used is based on the following where:

n = Number of blocks selected at the first stage
Mi = Number of farms listed in the ith block
mi = Number of farms selected in the ith block
pi = Probability of selecting the ith block

Then for any survey variate or characteristic y, the estimate of the total is given by

$$\hat{Y} = \frac{1}{n} \sum_{i=1}^{h} \frac{Mi}{pimi} yi$$

where yi is the sample total of the ith block

For farmers who reported cattle holdings of 100 or more:

$$\hat{Y} = \frac{1}{n} \sum_{i=1}^{n} \frac{yi}{pi}$$

Estimate of the variance is given by:

$$\hat{V}(\hat{Y}) = \frac{1}{n(n-1)}\left[\sum_{i=1}^{n}\left(\frac{Mi\ yi}{mi\ pi}\right)^2 - \frac{1}{n}\left(\sum_{i-1}^{n}\frac{Mi\ yi}{pi\ mi}\right)^2\right]$$

In this report a measure of precision for individual variates is given in terms of the relative standard error referred to as the coefficient of variation (C.V.), and expressed in percentage form:

$$C\ V\ (\hat{Y}) = \frac{\sqrt{\hat{V}(\hat{Y})}}{\hat{Y}} \times 100$$

The coefficients of variation are given in summary tables 7 and 8 for estimates at the national level only. For example, the standard error for the total number of cattle would be (2,263, 400 x 6.5%) = 147,121. About a two-thirds or 67% confidence interval would be obtained by plus or minus one standard error while a 95% confidence interval would be plus or minus two standard errors. Thus, the 95% confidence interval for total cattle would be (1,965,158 - 2,557,642) or (2,263,400 $\pm$ 294,242).

Enumeration

The survey field work was carried out by six enumeration teams, each consisting of a supervisor, four to five enumerators and a driver. It was conducted in three phases from early January through to October, 1987 as follows:

January - May:	Listing of traditional farms in blocks on Form 1. Select sample of farms and list crops planted, measure crop areas and record farming practices on Form II. For area measurement the triangular method was used and area calculations were done on HP 97 programmable calculators in Gaborone.
June - September:	Traditional farm production and disposal data on livestock and crops data on Form III.
July - October:	Commercial farm data on livestock production, area planted and harvested and disposal data on the Freehold Farm Questionnaire.

Supervisors made a final review of all completed survey forms in each block before they were posted to head office in Gaborone. The team of supervisors were contacted immediately when question or apparent problems with the data were found.

Quality Control

A great deal of emphasis was placed on the training of enumerators prior to the field work. Also close supervision of their work was maintained throughout enumeration. The objective of such quality control measures was to reduce non-sampling errors.

Data Processing

Processing of the survey is done on the ICL 2966 mainframe computer operated by the Government Computer Bureau. During the survey, data were continuously entered directly from the survey forms into the computer through terminals. The data were then run through a comprehensive computer edit for detecting data entry, coding and enumerator errors. Necessary corrections were made on the forms and to the computer data set. This procedure made possible the complete summarisation of the data three weeks after the survey was completed.

Interpretation of Data

An understanding of the data and their limitations are needed for correct interpretation for policy and planning purposes. Some of the limitations in this data are the following:

1. As was the case for previous surveys, the sampling frame was obtained from the 1981 Botswana Population Census. There has since been changes in the Agricultural Extension Boundaries for regions and districts. This has resulted in changes to the regional and district estimates, as compared to the 1981 Agricultural Survey estimates. Also users of the data should bear in mind that the standard errors for district estimates continue to be relatively large.

2. Individual data were assigned to the district where the farm holder was living at the time of first interview. The reported livestock and/or crops might be located in a different district causing some slight distortion in the 'true' district totals. To ease processing and facilitate comparisons with past data, the compilation and analysis were made on the 19 former districts.

3. Commercial farm estimates (Pandamatenga included) are presented at the national level only. Thus, some district totals could increase significantly if commercial farm data were included.

4. Although enumerators were instructed to obtain all production

data from a given field, they found it difficult to account for 'green mealies' harvested during the season and as a result maize production might be under estimated.

5. A point system was used to determine whether a particular individual qualified as a farmer (see terms and definitions).

6. Estimates of total land in the report tables refer only to land that is fallow or is under cultivation. Commercial land area would be nearly 40,000 square kilometers with a coefficient of variation of 22 percent if grazing land and non-farm land were included.

7. From 1987, births, deaths, sales, purchases and home slaughter of livestock were worked out on the basis of the mid-year livestock population.

8. For cattle inventory according to size of cattle holding, the ratio of births to cows and deaths, sales, home slaughter and purchases to total cattle were calculated by adjusting the herd size according to the mid-year populations.

Terms and Definitions

Farm: Any combination of at least 100 points to qualify a household as a farm. Point values are as follows:

	Points
Fallow land per hectare	25.
Sorghum per hectare	50.
Maize per hectare	50.
Millet per hectare	50.
Beans per hectare	50.
Vegetable/Fruit per hectare	400.
Sunflower per hectare	100.
Groundnuts per hectare	50.
Other Crops per hectare	50.
Cattle per head	150.
Pigs per head	50.
Horses per head	50.
Donkeys/Mules per head	50.
Goats per head	30.
Sheep per head	30.
Chickens per head	4.

Head of Household: Person who is 'in charge' of the household.

Agricultural Holder: The person in the household who makes the day-to-day decision for the farm.

Livestock Farms:	Agricultural holders were classified according to specific livestock farms if they own or manage one or more animals of a species.
Other Livestock Farms:	These include farms with mules, donkeys, horses, chickens and/or other birds such as ducks, gees, turkeys etc.
Bull:	A grown male that is used for breeding purposes (usually over three years old).
Cow:	A full grown female (usually over three years of age) that has calved.
Heifer:	A young female that has not yet calved but is at least one year old but less than three years.
Tollie:	A young male that is at least one year old but less than three years old.
Calf:	A male or female which is under one year old.
Chicken:	A general term used to define hens, roosters, chicks, pullets, etc.
Deaths:	Includes deaths from natural causes, and predators but excludes "still" births (livestock born dead).
Home slaughter:	Livestock killed for home consumption
Sales:	Livestock sold, gifts out, and/or traded away.
Purchases:	Livestock bought, gifts in, and or traded for.
Net Sales:	Sales minus purchases.
Crop Farm:	A farm with crops planted during the Survey year.
Land Area:	A continuous piece of land that contains crop and/or fallow areas. Grazing or non-cleared areas are not included.
Field	A continuous piece of land that is under one use, i.e. one crop, one crop mixture or is fallow.

Fallow Land:	Land that was not planted during the survey year but has been planted at least once during the previous five years.
Mixed Crops:	Two or more crops interplanted in the same field.
Four Crops:	Consists of the four major food crops of sorghum, maize, millet and beans/pulses.

Notation

The symbols and abbreviations used in the report tables are defined below:

1/ Included in regional totals

2/ Not available

3/ Regional estimates only

4/ Not published

5/ Difference due to rounding

C.V. Coefficient of Variation

TIME SERIES DATA

TABLE-1 LIVESTOCK POPULATION (1980-87)

	1980	1981	1982	1983	1984	1985	1986	1987
				NUMBERS (000)				
CATTLE	2 911	2 967	2 979	2 818	2 685	2 459	2 332	2 264
GOAT	638	621	636	783	889	1 138	1 332	1 470
SHEEP	149	140	140	165	167	200	229	240
DONKEY/MULE	130	127	138	142	139	146	142	147
HORSES	22	24	24	23	23	23	24	24
CHICKENS	833	1 046	1 146	961	714	1 020	1 179	1 283
PIGS	6	5	5	5	7	9	11	11

TABLE-2 LIVESTOCK: BIRTH, DEATH AND OFF TAKE RATES*

	1980	1981	1982	1983	1984	1985	1986	1987
				PERCENTAGE				
CATTLE								
BIRTH RATE	59.2	57.9	59.2	51.6	52.5	53.4	55.8	55.8
DEATH RATE	12.4	12.2	15.2	16.1	17.8	20.1	20.3	21.2
OFF TAKE	7.9	8.1	8.1	10.2	9.6	12.8	9.4	8.4
GOAT								
BIRTH RATE	84.6	80.1	79.8	94.3	85.7	87.2	86.0	81.5
DEATH RATE	36.7	31.4	27.5	24.8	26.9	22.1	19.5	21.9
OFF TAKE	7.8	7.1	8.5	7.0	7.6	6.5	6.9	7.7
SHEEP								
BIRTH RATE	65.7	57.0	66.5	68.8	65.7	66.9	68.3	64.6
DEATH RATE	35.4	24.0	34.6	23.6	24.4	21.0	15.2	17.2
OFF TAKE	18.1	8.9	8.2	12.1	12.8	13.1	5.7	7.1

*Based on mid-year populations

TABLE-3 AREA PLANTED BY CROPS (1980-87)

	1980	1981	1982	1983	1984	1985	1986	1987
				HECTARES (000)				
SORGHUM	147	141	93	126	114	125	161	210
MAIZE	80	87	64	61	48	49	44	46
MILLET	17	20	16	17	17	16	18	14
BEANS/PULSES	24	26	20	22	17	15	16	16
SUNFLOWER	7	3	2	1	2	3	1	1
GROUNDNUTS	5	5	2	1	4	2	2	2
OTHER CROPS	7	8	7	1	1	1	1	1
T O T A L	287	290	204	229	203	211	243	290

TABLE-4 AREA HARVESTED BY CROPS (1980-87)

	1980	1981	1982	1983	1984	1985	1986	1987
				HECTARES (000)				
SORGHUM	131.0	123.0	37.0	35.0	49.0	83.0	96.6	113.9
MAIZE	47.0	59.0	24.0	20.0	3.0	8.0	8.8	5.4
MILLET	14.0	13.0	4.0	6.0	8.0	10.0	10.1	5.5
BEANS/PULSES	13.0	15.0	4.0	3.0	3.0	3.0	5.0	2.9
SUNFLOWER	6.7	2.9	1.9	0.5	1.3	0.6	0.3	0.4
GROUNDNUTS	3.8	4.3	0.7	0.6	1.8	1.0	0.7	0.4
OTHER CROPS	2.5	4.8	4.4	0.9	1.0	0.4	0.7	1.0
T O T A L	218.0	222.0	76.0	66.0	67.0	106.0	122.2	129.5

TABLE-5 TOTAL CROP PRODUCTION (1980-87)

	1980	1981	1982	1983	1984	1985	1986	1987
				METRIC TONS (000)				
SORGHUM	29.0	28.0	4.0	5.0	6.0	15.0	16.0	18.0
MAIZE	12.0	22.0	13.0	9.0	0.5	1.5	3.6	3.3
MILLET	3.0	2.0	0.5	0.5	0.7	1.8	1.3	0.4
BEANS/PULSES	2.0	3.0	0.5	0.3	0.4	0.4	0.6	0.1
SUNFLOWER	1.4	1.2	0.7	0.2	0.4	0.5	0.2	0.1
GROUNDNUTS	1.4	2.0	0.3	0.8	0.6	0.8	0.2	0.1
T O T A L	48.8	58.2	19.0	15.8	8.6	20.0	21.9	22.2

TABLE- 6 S A M P L E SIZE OF BLOCKS AND HOLDERS FOR TRADITIONAL FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BLOCKS IN POPULATION	BLOCKS SELECTED	HOLDERS SELECTED
TRADITIONAL			
BAROLONG	37	12	72
NGWAKETSE SOUTH	120	14	100
NGWAKETSE NORTH	332	26	196
SOUTHERN REGION	489	57	368
BAMALETE	96	9	56
KWENENG SOUTH	263	15	79
KWENENG NORTH	139	12	91
KGATLENG	182	18	90
GABORONE REGION	680	54	316
LETLHAKANE		10	
MAHALAPYE EAST	168	15	129
MAHALAPYE WEST	144	9	62
PALAPYE	168	12	80
SEROWE	261	17	198
BOBONONG	226	18	149
CENTRAL REGION	967	81	618
TATI	142	15	121
TUTUME	191	19	157
FRANCISTOWN REGION	333	34	278
NGAMILAND WEST	175	22	179
NGAMILAND EAST	150	14	88
CHOBE	27	5	23
MAUN REGION	352	41	290
TSABONG		8	
GHANZI	54	13	74
KGALAGADI	63	7	116
WESTERN REGION	117	28	190
T O T A L TRADITIONA	2 936	295	2 060

TABLE- 7

SUMMARY OF TRADITIONAL,COMMERCIAL AND TOTAL LIVESTOCK ESTIMATES (1986-1987) AGRICULTURAL STATISTICS

	TRADITIONAL		COMMERCIAL		TOTAL		C.V.
	1986	1987	1986	1987	1986	1987	1987
			NUMBER				PERCENT
TOTAL FARMS	83 300	83 700	540	540	83 840	84 240	4.3
CATTLE:-							
CATTLE FARMS	52 900	51 000	510	500	53 410	51 500	4.6
TOTAL CATTLE	1 954 400	1 866 800	377 800	396 600	2 332 200	2 263 400	6.5
BULLS	33 800	31 600	6 800	7 500	40 600	39 100	9.5
OXEN	216 100	160 200	21 900	26 200	238 000	186 400	7.2
COWS	838 200	779 500	153 800	174 500	992 000	954 000	
TOLLIES	214 700	218 200	48 800	46 800	263 500	265 000	9.0
HEIFERS	269 300	284 000	70 600	63 900	339 900	347 900	8.2
CALVES	382 300	393 300	75 900	77 700	458 200	471 000	8.0
BIRTHS	467 200	456 300	95 500	86 200	562 700	542 500	7.9
DEATHS	454 000	423 900	33 200	24 800	487 200	448 700	10.1
SALES	176 800	121 100	144 100	112 200	320 900	233 300	9.3
PURCHASES	41 400	22 600	100 600	54 600	142 000	77 200	15.6
HOME SLAUGHTER	35 400	35 000	11 400	1 500	46 800	35 600	16.2
GOATS:-							
GOAT FARMS	57 900	62 500	300	350	58 200	62 850	4.7
TOTAL GOATS	1 295 800	1 428 900	35 800	41 000	1 331 600	1 469 900	5.6
MALES ONE YEAR AND OVER	199 500	219 900	5 600	6 200	205 100	226 100	
FEMALES ONE YEAR AND OV	658 000	752 100	19 300	21 400	677 300	773 500	
MALES UNDER ONE YEAR	203 900	205 300	5 100	6 200	209 000	211 500	6.4
FEMALES UNDER ONE YEAR	234 400	251 600	5 800	7 200	240 200	258 800	6.1
BIRTHS	530 100	575 500	15 100	15 500	545 200	591 000	5.6
DEATHS	235 500	299 100	6 000	7 400	241 500	306 500	7.6
SALES	42 500	51 400	3 900	3 300	46 400	54 700	13.4
PURCHASES	23 100	26 700	2 500	900	25 600	27 600	12.6
HOME SLAUGHTER	62 200	77 500	2 700	3 700	64 900	81 200	6.1
SHEEP:-							
SHEEP FARMS	13 550	14 350	250	270	13 800	14 620	6.6
TOTAL SHEEP	198 700	204 300	30 300	36 000	229 000	240 300	10.0
MALES ONE YEAR AND OVER	33 900	35 400	4 800	4 300	38 700	39 700	10.9
FEMALES ONE YEAR AND OV	106 700	112 500	16 100	20 700	122 800	133 200	11.0
MALES UNDER ONE YEAR	26 700	24 900	4 200	4 700	30 900	29 600	11.5
FEMALES UNDER ONE YEAR	31 400	31 500	5 200	6 300	36 600	37 800	12.1
BIRTHS	67 300	69 200	12 100	13 500	79 400	82 700	11.4
DEATHS	26 100	30 500	6 500	9 800	32 600	40 300	13.3
SALES	6 000	11 800	2 600	4 100	8 600	15 900	24.3
PURCHASES	2 700	7 600	2 000	3 800	4 700	11 400	21.9
HOME SLAUGHTER	6 200	9 600	2 200	2 500	8 400	12 100	25.0
OTHER LIVESTOCK:-							
DONKEY FARMS	27 450	26 900	150	150	27 600	27 050	6.2
DONKEYS	142 000	144 700	1 900	1 800	143 900	146 500	7.4
MULES FARMS	500	500	35	50	535	550	0.0
MULES	1 200	1 100	200	350	1 400	1 450	0.0
HORSE FARMS	5 350	5 850	210	220	5 560	6 070	13.1
HORSES	20 100	19 800	4 000	4 400	24 100	24 200	309.6
PIG FARMS	6 000	6 100	40	40	6 040	6 140	28.5
PIGS	8 000	8 500	2 500	2 700	10 500	11 200	33.7
CHICKEN FARMS	63 600	64 800	200	250	63 800	65 050	4.6
CHICKENS	729 500	757 700	449 100	525 000	1 178 600	1 282 700	5.6

TABLE- 8 SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL CROP ESTIMATES (1986-1987) AGRICULTURAL STATISTICS

	TRADITIONAL		COMMERCIAL		TOTAL		C.V.
	1986	1987	1986	1987	1986	1987	1987
			NUMBER				PERCENT
TOTAL CROPS							
FARMS WITH LAND	62 200	62 800	220	200	62 420	63 000	5.5
FARMS WITH CROPS PLANTE	56 800	57 700	160	150	56 960	57 850	5.7
TOTAL AREA PLANTED (HA)	230 200	269 000	12 900	20 500	243 100	289 500	9.4
TOTAL AREA HARVESTED	113 400	113 600	8 800	15 900	122 200	129 500	11.3
SORGHUM							
FARMS	52 800	55 950	90	90	52 890	56 040	5.6
AREA PLANTED (HA)	152 900	194 700	8 500	15 300	161 400	210 000	11.6
AREA HARVESTED (HA)	90 400	102 600	6 200	11 300	96 600	113 900	12.7
TOTAL PRODUCTION (MT)	11 330	11 135	4 700	6 900	16 030	18 035	11.1
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	74	57	553	451	99	86	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	125	109	758	611	166	159	11.7
MAIZE							
FARMS	30 600	33 050	70	85	30 670	33 135	6.7
AREA PLANTED (HA)	41 600	43 300	2 000	3 200	43 600	46 500	9.4
AREA HARVESTED (HA)	7 600	3 200	1 200	2 200	8 800	5 400	31.7
TOTAL PRODUCTION (MT)	1 910	215	1 650	3 050	3 560	3 265	28.4
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	251	67	1 375	1 386	405	605	27.1
MILLET							
FARMS	16 550	13 950	10	5	16 560	13 955	12.2
AREA PLANTED (HA)	17 400	14 000	100	100	17 500	14 100	15.0
AREA HARVESTED (HA)	10 100	5 400		100	10 100	5 500	30.6
TOTAL PRODUCTION (MT)	1 290	360		5	1 290	365	24.1
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	74	26		50	74	26	
AVERAGE PRODUCTION OF HARVESTED AREA	128	67		50	128	67	22.1
BEANS/PULSES							
FARMS	26 500	27 850	40	50	26 540	27 900	7.3
AREA PLANTED (HA)	15 700	14 900	500	1 000	16 200	15 900	9.9
AREA HARVESTED (HA)	4 600	2 200	400	700	5 000	2 900	25.8
TOTAL PRODUCTION (MT)	490	285	50	40	540	325	19.1
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	31	19	100	40	33	20	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	107	130	125	57	108	112	21.7

TABLE- 8A

SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL CROP ESTIMATES
(1986-1987) AGRICULTURAL STATISTICS

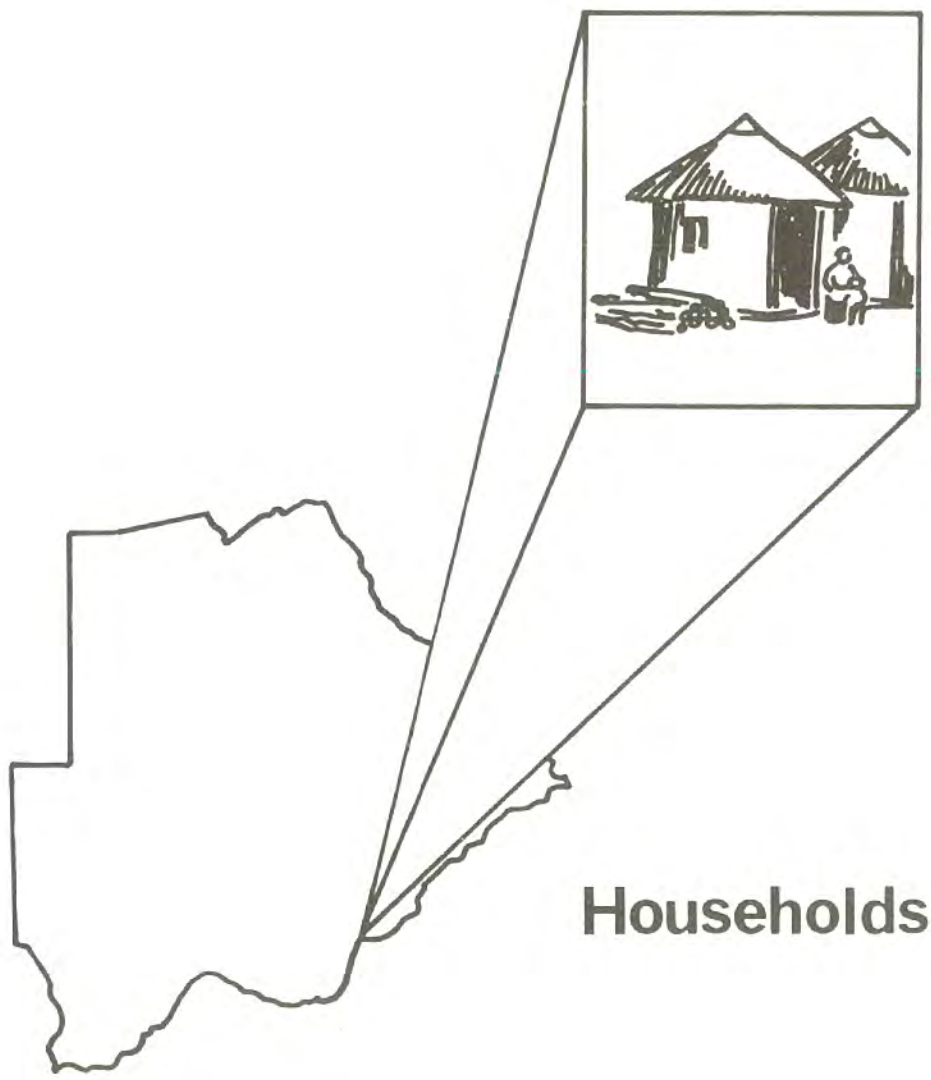
	TRADITIONAL		COMMERCIAL		TOTAL		C.V.
	1986	1987	1986	1987	1986	1987	1987
			NUMBER				PERCENT
FOUR CROPS (SORGHUM/MAIZE) MILLET AND (BEANS/PULSES)							
FARMS	56 800	57 600	130	150	56 930	57 750	5.2
AREA PLANTED (HA)	227 600	267 000	11 100	19 600	238 700	286 600	8.7
AREA HARVESTED (HA)	112 700	113 400	7 800	14 300	120 500	127 700	9.0
TOTAL PRODUCTION (MT)	15 020	11 995	6 400	1 000	21 420	21 995	10.8
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	66	45	577	510	90	77	--
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	133	106	821	699	178	172	11.4
GROUNDNUTS							
FARMS	1 900	2 250	20	10	1 920	2 260	20.4
AREA PLANTED (HA)	700	1 500	1 000	400	1 700	1 900	27.9
AREA HARVESTED (HA)	200		500	400	700	400	98.5
TOTAL PRODUCTION (MT)	70		150	60	220	60	100.0
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	100		150	150	129	33	- -
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	350		300	150	314	150	100.0
SUNFLOWER							
FARMS	200	150	15	15	215	165	57.6
AREA PLANTED (HA)	600	400	300	200	900	600	65.9
AREA HARVESTED (HA)	100	200	200	200	300	400	98.7
TOTAL PRODUCTION (MT)	100	25	90	85	190	105	100.0
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	167	63	300	400	211	175	- -
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	1 000	125	450	400	633	263	100.0

TABLE- 9 F A R M S : TOTAL, WITH LANDS, CROPS, CATTLE, SHEEP, GOATS & OTHER LIVESTOCK BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	TOTAL FARMS	FARMS WITH LAND	CROP FARMS	CATTLE FARMS	SHEEP FARMS	GOAT FARMS	OTHER LIVESTOCK FARMS
			- NUMBER -				
TRADITIONAL							
BAROLONG	1 500	1 100	1 100	800	500	900	1 400
NGWAKETSE SOUTH	3 200	2 500	2 100	1 800	1 000	2 300	2 600
NGWAKETSE NORTH	9 100	6 100	5 500	5 800	2 000	6 400	7 700
SOUTHERN REGION	13 800	9 700	8 700	8 400	3 500	9 600	11 700
BAMALETE	3 200	2 800	2 700	1 200	300	1 900	2 200
KWENENG SOUTH	7 400	6 000	5 500	4 000	1 700	5 500	6 200
KWENENG NORTH	2 900	2 500	2 400	1 900	300	2 000	2 300
KGATLENG	5 500	4 500	4 500	3 500	600	3 800	4 700
GABORONE REGION	19 000	15 800	15 100	10 600	2 900	13 200	15 400
MAHALAPYE EAST	4 600	3 700	3 500	2 600	900	3 500	3 700
MAHALAPYE WEST	3 700	3 200	3 100	2 100	800	2 900	3 200
PALAPYE	5 500	3 900	3 500	3 300	800	5 000	5 000
SEROWE	7 000	4 600	3 900	5 000	900	5 300	5 800
BOBONONG	5 300	4 200	4 100	3 200	1 300	4 300	4 700
CENTRAL REGION	26 100	19 600	18 100	16 200	4 700	21 000	22 400
TATI	6 200	5 500	5 400	3 600	5 200	1 300	5 600
TUTUME	6 400	5 500	5 400	4 200	5 000	600	5 500
FRANCISTOWN REGION	12 600	11 000	10 800	7 800	10 200	1 900	11 100
NGAMILAND WEST	4 200	2 500	1 900	2 600	300	2 300	3 300
NGAMILAND EAST	4 000	2 200	1 600	2 900	300	3 600	3 400
CHOBE	1 500	1 100	1 000	900	50	500	1 500
MAUN REGION	9 700	5 800	4 500	6 400	650	6 400	8 200
GHANZI	1 000	400	200	700	150	800	900
KGALAGADI	1 500	500	300	900	550	1 300	1 200
WESTERN REGION	2 500	900	500	1 600	700	2 100	2 100
TOTAL TRADITIONAL	83 700	62 800	57 700	51 000	22 650	54 200	70 900
TOTAL COMMERCIAL	540	200	150	500	270	350	430
T O T A L	84 240	63 000	57 850	51 500	22 920	54 550	71 330

TABLE- 10 P R O D U C T I O N M I X : FARM HOLDERS BY PRODUCTION MIX AND BY DISTRICTS & REGIONS.

DISTRICTS/ REGIONS	CATTLE ONLY	CATTLE & SMALL STOCK	CATTLE & CROPS	CATTLE CROPS & SMALLSTK	CROPS ONLY	CROPS AND SMALL STOCK	SMALL STOCK ONLY	OTHER PRODUCTION MIXES	TOTAL
				- NUMBER -					
TRADITIONAL									
BAROLONG	50	150	200	400	200	300	150	50	1 500
NGWAKETSE SOUTH	100	300	200	1 200	100	600	600	100	3 200
NGWAKETSE NORTH	350	900	900	3 650	850	100	2 000	350	9 100
SOUTHERN REGION	500	1 350	1 300	5 250	1 150	1 000	2 750	500	13 800
BAMALETE	50	350	200	600	900	1 000	100		3 200
KWENENG SOUTH	200	200	400	2 800	1 000	1 300	900	200	7 400
KWENENG NORTH	50	150	250	1 450	450	250	200	100	2 900
KGATLENG	250	200	500	2 550	700	750	500	50	5 500
GABORONE REGION	550	1 300	1 350	7 400	3 050	3 300	1 700	350	19 000
MAHALAPYE EAST	300	450	100	1 750	600	1 050	250	100	4 600
MAHALAPYE WEST	100	300	300	1 400	300	1 100	200		3 700
PALAPYE	350	750	200	2 000	300	1 000	800	100	5 500
SEROWE	650	1 900	600	1 850	450	1 000	350	200	7 000
BOBONONG	150	550	250	2 250	550	1 050	400	100	5 300
CENTRAL REGION	1 550	3 950	1 450	9 250	2 200	2 000	2 850	500	26 100
TATI	150	150	350	2 950	500	1 600	400	100	6 200
TUTUME	200	350	300	3 350	700	1 050	300	150	6 400
FRANCISTOWN REGION	350	500	650	6 300	1 200	2 650	700	250	12 600
NGAMILAND WEST	550	900	300	850	500	250	600	250	4 200
NGAMILAND EAST	200	1 700	200	800	400	200	100	400	4 000
CHOBE	100	50	400	350	200	50	100	250	1 500
MAUN REGION	850	2 650	900	2 000	1 100	500	850	900	9 700
GHANZI	200	400		100	50	50	150	50	1 000
KGALAGADI	100	550	100	150		50	450	100	1 500
WESTERN REGION	300	950	100	250	50	100	600	150	2 500
TOTAL TRADITIONAL	4 100	10 700	5 750	30 450	8 750	12 750	8 550	2 650	83 700
TOTAL COMMERCIAL	120	260	40	80	30		5	5	540
T O T A L	4 220	10 960	5 790	30 530	8 780	12 750	8 555	2 655	84 240



Households

TABLE- 11 S E X OF F A R M H O L D E R : BY DISTRICTS AND REGIONS.

DISTRICTS/ REGIONS	- MALE - NUMBER	PERCENTAGE	- FEMALE - NUMBER	PERCENTAGE	TOTAL NUMBER
TRADITIONAL					
BAROLONG	1 000	66.70	500	33.30	1 500
NGWAKETSE SOUTH	2 300	71.90	900	28.10	3 200
NGWAKETSE NORTH	6 600	72.50	2 500	27.50	9 100
SOUTHERN REGION	9 900	71.70	3 900	28.30	13 800
BAMALETE	1 900	59.40	1 300	40.60	3 200
KWENENG SOUTH	5 000	67.60	2 400	32.40	7 400
KWENENG NORTH	2 000	69.00	900	31.00	2 900
KGATLENG	3 800	69.10	1 700	30.90	5 500
GABORONE REGION	12 700	66.80	6 300	33.20	19 000
MAHALAPYE EAST	2 800	60.90	1 800	39.10	4 600
MAHALAPYE WEST	2 600	70.30	1 100	29.70	3 700
PALAPYE	4 200	76.40	1 300	23.60	5 500
SEROWE	5 000	71.40	2 000	28.60	7 000
BOBONONG	3 300	62.30	2 000	37.70	5 300
CENTRAL REGION	17 900	68.60	8 200	31.40	26 100
TATI	4 700	75.80	1 500	24.20	6 200
TUTUME	4 100	74.10	2 300	35.90	6 400
FRANCISTOWN REGION	8 800	69.80	3 800	30.20	12 600
NGAMILAND WEST	2 900	69.10	1 300	30.90	4 200
NGAMILAND EAST	2 800	70.00	1 200	30.00	4 000
CHOBE	700	46.70	800	53.30	1 500
MAUN REGION	6 400	66.00	3 300	34.00	9 700
GHANZI	700	70.00	300	30.00	1 000
KGALAGADI	1 000	66.70	500	33.30	1 500
WESTERN REGION	1 700	68.00	800	32.00	2 500
TOTAL TRADITIONAL	57 400	68.60	26 300	31.40	83 700

TABLE- 12 A G E OF F A R M H O L D E R : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
			— NUMBER —			
TRADITIONAL						
BAROLONG	100	200	600	300	300	1 500
NGWAKETSE SOUTH	300	600	1 000	600	700	3 200
NGWAKETSE NORTH	300	1 500	2 300	2 800	2 200	9 100
SOUTHERN REGION	700	2 300	3 900	3 700	3 200	13 800
BAMALETE	200	500	600	1 200	700	3 200
KWENENG SOUTH	600	900	1 900	2 700	1 300	7 400
KWENENG NORTH	200	400	900	1 000	400	2 900
KGATLENG	600	1 000	1 700	1 300	900	5 500
GABORONE REGION	1 600	2 800	5 100	6 200	3 300	19 000
MAHALAPYE EAST	200	900	1 200	1 500	800	4 600
MAHALAYE WEST	100	300	700	1 300	1 300	3 700
PALAPYE	200	300	2 100	2 000	900	5 500
SEROWE	600	1 100	1 700	2 000	1 600	7 000
BOBONONG	300	1 300	1 500	1 500	700	5 300
CENTRAL REGION	1 400	3 900	7 200	8 300	5 300	26 100
TATI	300	1 000	1 800	1 700	1 400	6 200
TUTUME	300	1 500	2 100	1 300	1 200	6 400
FRANCISTOWN REGION	600	2 500	3 900	3 000	2 600	12 600
NGAMILAND WEST	500	1 200	1 300	1 000	200	4 200
NGAMILAND EAST	600	1 000	700	1 100	600	4 000
CHOBE	200	800	300	200		1 500
MAUN REGION	1 300	3 000	2 300	2 300	800	9 700
GHANZI	100	100	300	300	200	1 000
KGALAGADI	100	300	400	600	100	1 500
WESTERN REGION	200	400	700	900	300	2 500
TOTAL TRADITIONAL	5 800	14 900	23 100	24 400	15 500	83 700

TABLE- 13 A G E OF F A R M H O L D E R : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
			- PERCENTAGE -			
TRADITIONAL						
BAROLONG	6.7	13.3	40.0	20.0	20.0	100.0
NGWAKETSE SOUTH	9.4	18.8	31.2	18.7	21.9	100.0
NGWAKETSE NORTH	3.3	16.5	25.3	30.7	24.2	100.0
SOUTHERN REGION	5.1	16.8	28.3	16.8	23.2	100.0
BAMALETE	6.3	16.5	18.7	37.5	21.9	100.0
KWENENG SOUTH	8.1	12.2	25.7	36.5	17.5	100.0
KWENENG NORTH	6.9	13.8	31.0	34.5	13.8	100.0
KGATLENG	10.9	18.2	30.9	23.6	16.4	100.0
GABORONE REGION	8.4	14.7	26.8	32.6	17.4	100.0
MAHALAPYE EAST	4.3	19.6	26.1	32.6	17.4	100.0
MAHALAPYE WEST	2.7	8.1	18.9	35.1	35.2	100.0
PALAPYE	3.6	5.5	38.2	36.4	16.4	100.0
SEROWE	8.6	15.7	24.3	28.6	22.8	100.0
BOBONONG	5.7	24.5	28.3	28.3	13.2	100.0
CENTRAL REGION	5.4	14.9	27.6	31.8	20.3	100.0
TATI	4.9	16.1	29.0	27.4	22.6	100.0
TUTUME	4.7	23.4	32.8	20.3	18.8	100.0
FRANCISTOWN REGION	4.8	19.8	31.0	23.8	20.6	100.0
NGAMILAND WEST	11.9	28.6	31.0	23.8	4.7	100.0
NGAMILAND EAST	6.7	20.0	26.7	40.0	6.6	100.0
CHOBE	13.3	53.3	20.0	13.4	0.0	100.0
MAUN REGION	13.4	30.9	23.7	23.7	8.3	100.0
GHANZI	10.0	10.0	30.0	30.0	20.0	100.0
KGALAGADI	6.7	20.0	26.7	40.0	6.6	100.0
WESTERN REGION	8.0	16.0	28.0	36.0	12.0	100.0
T O T A L	6.9	17.8	27.6	29.2	18.5	100.0

TABLE- 14 P E R S O N S L I V I N G IN F A R M H O L D E R S D W E L L I N G U N I T :
BY AGE GROUP & AVERAGE NUMBER PER DWELLING UNIT BY DISTRICTS AND REGIONS

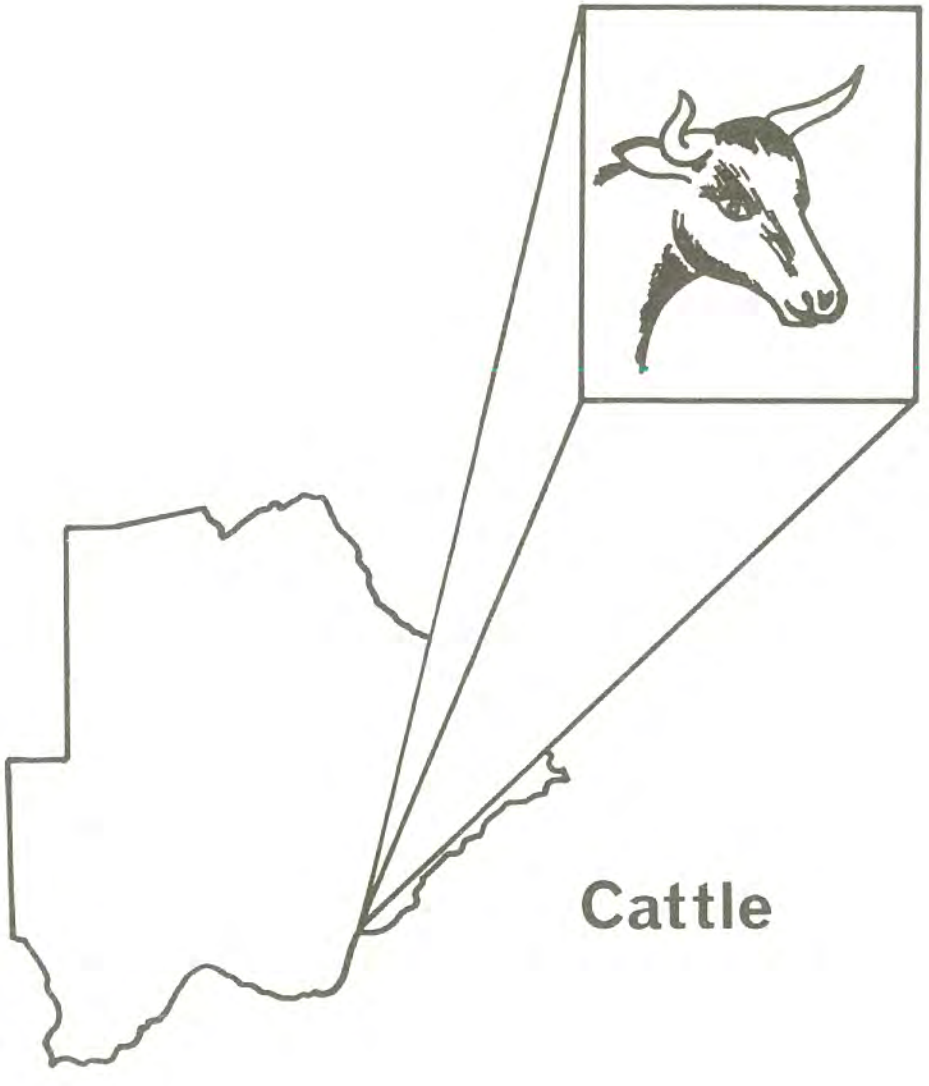
DISTRICTS/ REGIONS	UNDER 5 YEARS	5-14 YEARS	15-65 YEARS	OVER 65 YEARS	TOTAL	AVERAGE PER DWELLING UNIT
			- NUMBER -			
TRADITIONAL						
BAROLONG	1 800	3 200	4 400	200	9 600	6.4
NGWAKETSE SOUTH	4 900	7 000	10 000	700	22 600	7.1
NGWAKETSE NORTH	10 000	16 600	24 900	2 400	53 900	5.9
SOUTHERN REGION	16 700	26 800	39 300	3 300	86 100	6.2
BAMALETE	2 800	5 500	9 000	700	18 000	5.6
KWENENG SOUTH	7 900	13 300	19 000	1 200	41 400	5.6
KWENENG NORTH	3 300	5 500	7 400	500	16 700	5.8
KGATLENG	6 400	8 500	14 500	1 200	30 600	5.6
GABORONE REGION	20 400	32 800	49 900	3 600	106 700	5.6
MAHALAPYE EAST	6 900	9 800	14 700	1 600	33 000	7.2
MAHALAPYE WEST	3 800	6 400	9 000	1 500	20 700	5.6
PALAPYE	8 800	11 200	16 400	1 600	38 000	6.9
SEROWE	11 000	14 500	23 000	3 400	51 900	7.4
BOBONONG	7 300	8 600	15 200	1 000	32 100	6.1
CENTRAL REGION	37 800	50 500	78 300	9 100	175 700	6.7
TATI	7 700	11 300	16 600	2 200	37 800	6.1
TUTUME	8 600	9 000	16 200	1 600	35 400	5.5
FRANCISTOWN REGION	16 300	20 300	32 800	3 800	73 200	5.8
NGAMILAND WEST	4 600	6 400	11 000	400	22 400	5.3
NGAMILAND EAST	3 100	7 900	14 200	1 000	26 200	6.6
CHOBE	1 900	2 400	3 700		8 000	5.3
MAUN REGION	9 600	16 700	28 900	1 400	56 600	5.8
GHANZI	900	1 900	3 200	400	6 400	6.4
KGALAGADI	1 600	2 500	4 700	400	9 200	6.1
WESTERN REGION	2 500	4 400	7 900	800	15 600	6.2
TOTAL TRADITIONAL	103 300	151 500	237 100	22 000	513 900	6.1

TABLE- 15 P E R S O N S L I V I N G IN F A R M H O L D E R S D W E L L I N G U N I T :
BY AGE GROUP & AVERAGE NUMBER PER DWELLING UNIT BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	UNDER 5 YEARS	5-14 YEARS	15-65 YEARS	OVER 65 YEARS	TOTAL
			- PERCENTAGE -		
TRADITIONAL					
BAROLONG	18.8	33.3	45.8	2.1	100.0
NGWAKETSE SOUTH	21.7	31.0	44.2	3.1	100.0
NGWAKETSE NORTH	18.6	30.8	46.2	4.4	100.0
SOUTHERN REGION	19.4	31.1	45.7	3.8	100.0
BAMALETE	15.6	30.5	50.0	3.9	100.0
KWENENG SOUTH	19.1	32.1	45.9	2.9	100.0
KWENENG NORTH	19.8	32.9	44.3	3.0	100.0
KGATLENG	20.9	27.8	47.4	3.9	100.0
GABORONE REGION	19.1	30.7	46.8	3.4	100.0
MAHALAPYE EAST	20.9	29.7	44.5	4.9	100.0
MAHALAPYE WEST	18.4	30.9	43.5	7.2	100.0
PALAPYE	23.2	29.5	43.1	4.2	100.0
SEROWE	21.2	27.9	44.3	6.6	100.0
BOBONONG	22.7	26.8	47.4	3.1	100.0
CENTRAL REGION	21.5	28.7	44.6	5.2	100.0
TATI	20.4	29.9	43.9	5.8	100.0
TUTUME	24.3	25.4	45.8	4.5	100.0
FRANCISTOWN REGION	22.3	27.7	44.8	5.2	100.0
NGAMILAND WEST	20.5	28.6	49.1	1.8	100.0
NGAMILAND EAST	11.8	30.2	54.2	3.8	100.0
CHOBE	23.8	30.0	46.2	0.0	100.0
MAUN REGION	17.0	29.5	51.0	2.5	100.0
GHANZI	14.1	29.7	50.0	6.2	100.0
KGALAGADI	17.4	27.2	51.1	4.3	100.0
WESTERN REGION	16.0	28.2	50.6	5.2	100.0
TOTAL TRADITIONAL	20.1	29.5	46.1	4.3	100.0

TABLE -16 OWNERSHIP: DWELLING UNITS, CATTLE POST AND HOLDINGS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	DWELLING UNITS NUMBER	DWELLING UNITS AVERAGE/ ALL FARMS	CATTLE POST NUMBER	CATTLE POST AVERAGE/ ALL FARMS	LAND HOLDING NUMBER	LAND HOLDING AVERAGE/ ALL FARMS
BAROLONG	1 600	1.1	100	0.1	1 200	0.8
NGWAKETSE SOUTH	4 500	1.4	500	0.2	2 300	0.7
NGWAKETSE NORTH	16 500	1.8	1 900	0.2	7 600	0.8
SOUTHERN REGION	22 600	1.6	2 500	0.2	11 100	0.8
BAMALETE	5 600	1.8	100	0.1	2 900	0.9
KWENENG SOUTH	13 800	1.9	1 100	0.2	6 400	0.9
KWENENG NORTH	5 000	1.7	400	0.1	2 900	1.0
KGATLENG	11 000	2.0	1 700	0.3	4 300	0.8
GABORONE REGION	35 400	1.9	3 300	0.2	16 500	0.9
MAHALAPYE EAST	8 600	1.9	900	0.2	4 400	0.9
MAHALAPYE WEST	7 200	2.0	1 400	0.4	3 300	0.9
PALAPYE	12 000	2.2	1 500	0.3	4 700	0.9
SEROWE	15 000	2.2	3 700	0.5	5 200	0.7
BOBONONG	9 000	1.7	2 300	0.4	4 800	0.9
CENTRAL REGION	51 800	2.0	9 800	0.4	22 200	0.8
TATI	8 900	1.4	1 200	0.2	6 900	1.1
TUTUME	11 000	1.7	2 000	0.3	6 100	1.0
FRANCISTOWN REGION	19 900	1.6	3 200	0.3	13 000	1.0
NGAMILAND WEST	5 700	1.4	1 900	0.5	2 500	0.6
NGAMILAND EAST	7 800	2.0	2 700	0.7	2 600	0.7
CHOBE	2 300	1.5	200	0.1	500	0.3
MAUN REGION	15 800	1.6	4 800	0.5	5 600	0.6
GHANZI	1 400	1.4	500	0.5	100	0.1
KGALAGADI	1 600	1.1	400	0.3	400	0.3
WESTERN REGION	3 000	1.2	900	0.4	500	0.2
TOTAL TRADITIONAL	148 500	1.8	24 500	0.3	68 700	0.8



Cattle

TABLE-17 C A T T L E : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CATTLE FARMS		TOTAL CATTLE		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
BAROLONG	800	1.5	12.5	0.6	15.6
NGWAKETSE SOUTH	1 800	3.5	52.4	2.3	29.1
NGWAKETSE NORTH	5 800	11.3	175.2	7.7	30.2
SOUTHERN REGION	8 400	16.3	240.1	10.6	28.6
BAMALETE	1 200	2.3	13.8	0.6	11.5
KWENENG SOUTH	4 000	7.8	86.0	3.8	21.5
KWENENG NORTH	1 900	3.7	54.9	2.4	28.9
KGATLENG	3 500	6.8	106.4	4.7	30.4
GABORONE REGION	10 600	20.6	261.1	11.5	24.6
MAHALAPYE EAST	2 600	5.0	74.6	3.3	28.7
MAHALAPYE WEST	2 100	4.1	102.7	4.5	48.9
PALAPYE	3 300	6.4	126.4	5.6	38.3
SEROWE	5 000	9.7	309.0	13.7	61.8
BOBONONG	3 200	6.2	123.5	5.4	38.6
CENTRAL REGION	16 200	31.4	736.2	32.5	45.4
TATI	3 600	7.0	123.1	5.5	34.2
TUTUME	4 200	8.2	161.3	7.1	38.4
FRANCISTOWN REGION	7 800	15.2	284.4	12.6	36.5
NGAMILAND WEST	2 600	5.1	98.0	4.3	37.7
NGAMILAND EAST	2 900	5.6	154.9	6.8	53.4
CHOBE	900	1.7	12.0	0.5	13.3
MAUN REGION	6 400	12.4	264.9	11.6	41.4
GHANZI	700	1.4	42.5	1.9	60.7
KGALAGADI	900	1.7	37.6	1.7	41.8
WESTERN REGION	1 600	3.1	80.1	3.6	50.1
TOTAL TRADITIONAL	51 000	99.0	1866.8	82.4	36.6
TOTAL COMMERCIAL	500	1.0	396.6	17.6	793.2
TOTAL	51 500	100.0	2263.4	100.0	44.0

TABLE-18 C A T T L E : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF CATTLE HOLDING

HERD SIZE	CATTLE FARMS		TOTAL CATTLE		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 10	16 300	32.0	92.9	5.0	5.7
11 - 20	12 200	23.9	183.0	9.8	15.0
21 - 30	6 000	11.8	150.6	8.1	25.1
31 - 40	4 400	8.6	156.6	8.4	35.6
41 - 50	2 900	5.7	130.5	7.0	45.0
51 - 60	1 800	3.5	99.2	5.3	55.1
61 - 100	3 800	7.4	310.5	16.6	81.7
101 - 150	1 400	2.8	182.7	9.8	130.5
151+	2 200	4.3	560.8	30.0	254.9
TOTAL TRADITIONAL	51 000	100.0	1866.8	100.0	36.6
COMMERCIAL					
1 - 100	90	18.0	4.4	1.1	48.9
101 - 500	220	44.0	60.3	15.2	274.1
501 - 1000	80	16.0	53.9	13.6	673.8
1001 - 5000	100	20.0	207.8	52.4	2078.0
5001+	10	2.6	70.2	17.7	7020.0
TOTAL COMMERCIAL	500	100.0	396.6	100.0	793.2
T O T A L	51 500	0.0	2263.4	0.0	44.0

TABLE-19 C A T T L E H E R D C O M P O S I T I O N : BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
			-NUMBER (000)-				
TRADITIONAL							
BAROLONG	0.1	1.6	5.4	1.2	1.3	2.9	12.5
NGWAKETSE SOUTH	1.3	6.6	21.0	5.4	7.2	10.9	52.4
NGWAKETSE NORTH	4.0	16.8	71.3	20.2	25.8	37.1	175.2
SOUTHERN REGION	5.4	25.0	97.7	26.8	34.3	50.9	240.1
BAMALETE	0.1	0.9	6.4	2.0	1.3	3.1	13.8
KWENENG SOUTH	1.4	8.3	35.7	10.1	11.2	19.3	86.0
KWENENG NORTH	0.9	4.7	21.6	7.2	8.2	12.3	54.9
KGATLENG	2.0	9.5	40.0	10.8	20.6	23.5	106.4
GABORONE REGION	4.4	23.4	103.7	30.1	41.3	58.2	261.1
MAHALAPYE EAST	1.3	4.2	32.4	8.8	12.2	15.7	74.6
MAHALAPYE WEST	1.5	8.0	46.5	9.2	13.2	24.3	102.7
PALAPYE	2.0	12.9	51.2	15.0	19.2	26.1	126.4
SEROWE	4.6	21.0	138.4	38.3	45.4	61.3	309.0
BOBONONG	1.6	7.0	51.5	18.4	20.5	24.5	123.5
CENTRAL REGION	11.0	53.1	320.0	89.7	110.5	151.9	736.2
TATI	2.3	12.4	46.6	15.6	19.7	26.5	123.1
TUTUME	3.2	16.6	62.1	18.4	28.2	32.8	161.3
FRANCISTOWN REGION	5.5	29.0	108.7	34.0	47.9	59.3	284.4
NGAMILAND EAST	1.2	9.9	39.6	12.0	17.4	17.9	98.0
NGAMILAND WEST	2.6	10.7	68.3	16.9	20.6	35.8	154.9
CHOBE	0.3	3.3	5.3	0.7	1.2	1.2	12.0
MAUN REGION	4.1	23.9	113.2	29.6	39.2	54.9	264.9
GHANZI	0.8	3.2	19.7	3.8	5.7	9.3	42.5
KGALAGADI	0.4	2.6	16.5	4.2	5.1	8.8	37.6
WESTERN REGION	1.2	5.8	36.2	8.0	10.8	18.1	80.1
TOTAL TRADITIONAL	31.6	160.2	779.5	218.2	284.0	393.3	1866.8
TOTAL COMMERCIAL	7.5	26.2	174.5	46.8	63.9	77.7	396.6
T O T A L	39.1	186.4	954.0	265.0	347.9	471.0	2263.4

TABLE-20 C A T T L E H E R D C O M P O S I T I O N : RATIO OF BULLS, OXEN, COWS, TOLLIES, HEIFER & CALVES BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
			- PERCENTAGE -				
TRADITIONAL							
BAROLONG	0.8	12.8	43.2	9.6	10.4	23.2	100.0
NGWAKETSE SOUTH	2.5	12.6	40.1	10.3	13.7	20.8	100.0
NGWAKETSE NORTH	2.3	9.6	40.7	11.5	14.7	21.2	100.0
SOUTHERN REGION	2.2	10.4	40.7	11.2	14.3	21.2	100.0
BAMALETE	0.7	6.5	46.4	14.5	9.4	22.5	100.0
KWENENG SOUTH	1.6	9.7	41.5	11.7	13.0	22.5	100.0
KWENENG NORTH	1.6	8.6	39.4	13.1	14.9	22.4	100.0
KGATLENG	1.9	8.9	37.6	10.1	19.4	22.1	100.0
GABORONE REGION	1.7	9.0	39.7	11.5	15.8	22.3	100.0
MAHALAPYE EAST	1.7	5.6	43.4	11.8	16.4	21.1	100.0
MAHALAPYE WEST	1.5	7.8	45.3	9.0	12.8	23.6	100.0
PALAPYE	1.6	10.2	40.5	11.9	15.2	20.6	100.0
SEROWE	1.5	6.8	44.8	12.4	14.7	19.8	100.0
BOBONONG	1.3	5.7	41.7	14.9	16.6	19.8	100.0
CENTRAL REGION	1.5	7.2	43.5	12.2	15.0	20.6	100.0
TATI	1.9	10.1	37.9	12.6	16.0	21.5	100.0
TUTUME	2.0	10.3	38.5	11.4	17.5	20.3	100.0
FRANCISTOWN REGION	1.9	10.2	38.2	12.0	16.8	20.9	100.0
NGAMILAND WEST	1.2	10.1	40.4	12.2	17.8	18.3	100.0
NGAMILAND EAST	1.7	6.9	44.1	10.9	13.3	23.1	100.0
CHOBE	2.5	27.5	44.2	5.8	10.0	10.0	100.0
MAUN REGION	1.6	9.0	42.7	11.2	14.8	20.7	100.0
GHANZI	1.9	7.5	46.4	8.9	13.4	21.9	100.0
KGALAGADI	1.1	6.9	43.9	11.2	13.5	23.4	100.0
WESTERN REGION	1.5	7.2	45.2	10.0	13.5	22.6	100.0
TOTAL TRADITIONAL	1.7	8.6	41.7	11.7	15.2	21.1	100.0
TOTAL COMMERCIAL	1.9	6.6	44.0	11.8	16.1	19.6	100.0
T O T A L	1.7	8.2	42.2	11.7	15.4	20.8	100.0

TABLE-21 C A T T L E H E R D C O M P O S I T I O N : BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY SIZE OF CATTLE HOLDING

HERD SIZE	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
			-NUMBER (000)-				
TRADITIONAL							
1 - 10	1.1	10.8	38.7	10.2	12.4	19.7	92.9
11 - 20	3.5	20.1	72.1	20.3	26.2	40.8	183.0
21 - 30	2.9	16.4	58.2	17.5	23.2	32.4	150.6
31 - 40	3.1	13.3	64.8	18.5	21.5	35.4	156.6
41 - 50	2.6	12.9	51.9	15.5	20.9	26.7	130.5
51 - 60	1.8	7.2	43.0	12.0	13.6	21.6	99.2
61 - 100	5.3	23.3	130.7	35.4	50.3	65.5	310.5
101 - 150	3.3	12.2	82.8	19.9	27.4	37.1	182.7
151+	8.0	44.0	237.3	68.9	88.5	114.1	56.0
TOTAL TRADITIONAL	31.6	160.2	779.5	218.2	284.0	393.3	1866.8
COMMERCIAL							
1 - 100	0.2	0.4	1.7	0.5	0.7	0.9	4.4
101 - 500	1.1	2.4	25.2	8.2	10.4	13.0	60.3
501 - 1000	0.8	2.9	23.0	7.5	8.1	11.6	53.9
1001 - 5000	4.2	3.3	87.5	22.7	34.5	45.6	207.8
5001+	1.2	7.2	37.1	7.9	10.2	6.6	70.2
TOTAL COMMERCIAL	7.5	26.2	174.5	46.8	63.9	77.7	396.6
TOTAL	39.1	186.4	954.0	265.0	347.9	471.0	2263.4

TABLE-22 C A T T L E H E R D C O M P O S I T I O N :BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY SIZE OF CATTLE HOLDING

HERD SIZE	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
			- PERCENTAGE -				
TRADITIONAL							
1 - 10	1.2	11.6	41.7	11.0	13.3	21.2	100.0
11 - 20	1.9	11.0	39.4	11.1	14.3	22.3	100.0
21 - 30	1.9	10.9	38.7	11.6	15.4	21.5	100.0
31 - 40	2.0	8.5	41.4	11.8	13.7	22.6	100.0
41 - 50	2.0	9.9	39.8	11.9	16.0	20.4	100.0
51 - 60	1.8	7.3	43.3	12.1	13.7	21.8	100.0
61 - 100	1.7	7.5	42.1	11.4	16.2	21.1	100.0
101 - 150	1.5	7.8	42.3	12.3	15.8	20.3	100.0
151+	1.7	8.6	41.7	11.7	15.2	21.1	100.0
TOTAL TRADITIONAL	1.7	8.6	41.7	11.7	15.2	21.1	100.0
COMMERCIAL							
1 - 100	3.6	9.1	38.2	10.9	16.4	21.8	100.0
101 - 500	1.9	3.9	41.8	13.6	17.3	21.5	100.0
501 - 1000	1.4	5.4	42.6	13.9	15.1	21.6	100.0
1001 - 5000	2.0	6.4	42.1	10.9	16.6	22.0	100.0
5001+	1.7	9.9	53.1	11.3	14.2	9.8	100.0
TOTAL COMMERCIAL	1.9	6.6	44.0	11.8	16.1	19.6	100.0
T O T A L	1.7	8.2	42.2	11.7	15.4	20.8	100.0

TABLE-24 C A T T L E I N V E N T O R Y *: RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL COWS	RATIO OF DEATHS TO TOTAL CATTLE	RATIO OF SALES TO TOTAL CATTLE	RATIO OF HOME SLAUGHTER TO TOTAL CATTLE	RATIO OF PURCHASES TO TOTAL CATTLE
			- PERCENTAGE -		
TRADITIONAL					
BAROLONG	68.5	22.5	4.6	1.6	0.8
NGWAKETSE SOUTH	58.8	14.4	6.6	2.4	0.6
NGWAKETSE NORTH	53.4	15.8	5.9	2.0	1.1
SOUTHERN REGION	55.8	15.9	6.0	2.1	1.0
BAMALETE	44.4	18.9	3.7	2.4	2.8
KWENENG SOUTH	57.0	32.1	6.7	1.9	0.9
KWENENG NORTH	66.3	16.9	3.3	1.5	2.3
KGATLENG	67.7	38.9	5.1	2.2	3.7
GABORONE REGION	62.0	31.1	5.2	2.0	2.4
MAHALAPYE EAST	50.0	12.6	4.7	1.6	0.9
MAHALAPYE WEST	43.3	10.7	4.6	1.8	1.2
PALAPYE	55.0	16.4	7.9	1.8	0.3
SEROWE	57.4	28.0	6.7	2.2	1.2
BOBONONG	52.3	17.1	5.8	1.6	1.3
CENTRAL REGION	52.9	19.5	6.2	1.9	1.0
TATI	67.6	14.3	5.3	2.6	1.2
TUTUME	57.4	17.2	5.4	1.7	1.3
FRANCISTOWN REGION	61.6	15.9	5.4	2.1	1.3
NGAMILAND WEST	51.1	29.3	5.5	0.9	0.6
NGAMILAND EAST	58.1	34.8	10.4	1.2	0.3
CHOBE	61.2	21.6	11.2	0.8	3.0
MAUN REGION	55.5	32.0	8.5	1.1	0.6
GHANZI	53.5	17.0	9.3	1.5	1.1
KGALAGADI	76.2	38.6	2.1	1.8	0.9
WESTERN REGION	60.6	26.3	8.7	1.6	1.0
TOTAL TRADITIONAL	56.4	22.2	6.3	1.8	1.2
TOTAL COMMERCIAL	52.5	6.4	29.0	0.4	14.1
T O T A L	55.8	19.5	10.2	1.6	3.4

*Based on Mid-Year Population

TABLE-26 C A T T L E I N V E N T O R Y *: RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY SIZE OF CATTLE HOLDING

HERD SIZE	RATIO OF BIRTHS TO TOTAL COWS	RATIO OF DEATHS TO TOTAL CATTLE	RATIO OF SALES TO TOTAL CATTLE	RATIO OF HOME SLAUGHTER TO TOTAL CATTLE	RATIO OF PURCHASES TO TOTAL CATTLE
	- PERCENTAGE -				
TRADITIONAL					
1 - 10	54.7	26.9	5.4	1.6	4.0
11 - 20	64.4	24.4	5.4	2.1	1.4
21 - 30	56.0	22.5	4.6	1.6	1.1
31 - 40	65.2	22.6	6.1	2.0	0.9
41 - 50	52.2	14.9	5.0	1.5	0.5
51 - 60	65.8	15.3	9.1	1.9	2.4
61 - 100	55.9	13.8	7.8	1.8	1.1
101 - 150	46.3	10.1	5.9	1.4	1.1
151+	54.4	16.9	5.3	2.0	0.7
TOTAL TRADITIONAL	56.4	22.2	6.3	1.8	1.2
COMMERCIAL					
1 - 100	50.0	11.8	47.1	2.0	15.7
101 - 500	52.2	10.1	20.2	0.3	17.1
501 - 1000	57.7	9.5	33.1	0.6	16.2
1001 - 5000	63.5	4.1	35.8	0.3	15.6
5001+	22.6	7.3	12.9	0.4	5.9
TOTAL COMMERCIAL	52.5	6.4	29.0	0.4	14.1
TOTAL	55.8	19.5	10.2	1.6	3.4

*Adjusted in-respect to net migration

TABLE-27 C A T T L E S A L E S : NUMBER OF CATTLE SOLD TO DIFFERENT BUYERS BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BMC	BMC AND OTHERS	ANOTHER FARMERS	TRADER	LOCAL ABBATOIR	AUCTION	ALL OTHERS	TOTAL
			— NUMBER —					
TRADITIONAL								
BAROLONG	400	100	50	50				600
NGWAKETSE SOUTH	2 900	650	50					3 600
NGWAKETSE NORTH	4 300	200	400	4 600	350	550		10 400
SOUTHERN REGION	7 600	950	500	4 650	350	550		14 600
BAMALETE	200	50		50	300			600
KWENENG SOUTH	2 200	100	1 550	100	1 150	1 200		6 300
KWENENG NORTH	950	150	50		300	250		1 700
KGATLENG	440	400	150	50	200	400		5 600
GABORONE REGION	7 750	700	1 750	200	1 950	1 850		14 200
MAHALAPYE EAST	2 000	550	600	100	100	250		3 600
MAHALAPYE WEST	4 900	200	350	100	100	150		5 800
PALAPYE	7 200	800	1 250	300	300	450		10 300
SEROWE	7 400	10 100	200	500	100	200		18 500
BOBONONG	3 600	400	700		950	2 350		8 000
CENTRAL REGION	25 100	12 050	3 100	1 000	1 550	3 400		46 200
TATI	1 400	1 050	350	3 900	50	150		6 900
TUTUME	7 300	100	900	100	200	200	300	9 100
FRANCISTOWN REGION	8 700	1 150	1 250	4 000	250	350	300	16 000
NGAMILAND WEST	3 500	1 800	150	50	100	100	200	5 900
NGAMILAND EAST	7 100	5 200	1 250	1 500	200	100	450	15 800
CHOBE		400	400	700			1 500	
MAUN REGION	10 600	7 000	1 800	1 950	1 000	200	650	23 200
GHANZI	1 150	1 500	250			1 250	50	4 200
KGALAGADI	1 750	650	50			200	50	
WESTERN REGION	2 900	2 150	300			1 450	100	6 900
TOTAL TRADITIONAL	62 650	24 000	8 700	11 800	5 100	7 800	1 050	121 100
TOTAL COMMERCIAL	34 000	65 000	3 300	4 400	4 500	1 000		112 200
T O T A L	96 650	89 000	12 000	16 200	9 600	8 800	1 050	233 300

TABLE-28 C A T T L E S A L E S : RATIO OF CATTLE SOLD TO DIFFERENT BUYERS BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BMC	BMC AND OTHERS	ANOTHER FARMERS	TRADER	LOCAL ABBATOIR	AUCTION	ALL OTHERS	TOTAL
				- PERCENTAGE -				
TRADITIONAL								
BAROLONG	66.7	16.7	8.3	8.3	0.0	0.0	0.0	100.0
NGWAKETSE SOUTH	80.6	18.0	1.4	0.0	0.0	0.0	0.0	100.0
NGWAKETSE NORTH	41.3	1.9	3.8	0.0	0.0	0.0	0.0	100.0
SOUTHERN REGION	52.1	6.5	3.4	31.8	2.4	3.8	0.0	100.0
BAMALETE	33.4	8.3	0.0	50.0	0.0	0.0	0.0	100.0
KWENENG SOUTH	34.9	1.6	24.6	1.6	18.3	19.0	0.0	100.0
KWENENG NORTH	55.9	8.8	2.9	0.0	17.7	14.7	0.0	100.0
KGATLENG	78.6	7.1	2.7	0.9	3.6	7.1	0.0	100.0
GABORONE REGION	54.6	4.9	12.3	1.4	13.8	13.0	0.0	100.0
MAHALAPYE EAST	55.6	15.3	16.7	2.8	2.8	6.9	0.0	100.0
MAHALAPYE WEST	84.5	3.4	6.0	1.7	1.7	2.6	0.0	100.0
PALAPYE	69.9	7.8	12.1	2.9	2.9	4.4	0.0	100.0
SEROWE	40.0	54.6	1.1	2.7	0.5	1.1	0.0	100.0
BOBONONG	45.0	5.0	8.7	0.0	11.9	29.4	0.0	100.0
CENTRAL REGION	54.3	26.1	6.7	2.2	3.4	7.3	0.0	100.0
TATI	20.3	15.2	5.1	56.5	0.7	2.2	0.0	100.0
TUTUME	80.2	1.1	9.9	1.1	2.2	2.2	3.3	100.0
FRANCISTOWN REGION	54.4	7.2	7.8	25.0	1.6	2.2	1.8	100.0
NGAMILAND WEST	59.3	30.5	2.5	0.9	1.7	1.7	3.4	100.0
NGAMILAND EAST	44.9	32.9	7.9	9.5	1.3	0.6	2.9	100.0
CHOBE	0.0	0.0	26.7	26.7	46.6	0.0	0.0	100.0
MAUN REGION	45.7	30.2	7.7	8.4	4.3	0.9	2.8	100.0
GHANZI	27.4	35.7	5.9	0.0	0.0	29.8	1.2	100.0
KGALAGADI	64.8	24.1	1.9	0.0	0.0	7.4	1.8	100.0
WESTERN REGION	42.0	31.2	4.3	0.0	0.0	21.0	1.5	100.0
TOTAL TRADITIONAL	51.7	19.8	7.2	9.8	4.2	6.4	0.9	100.0
TOTAL COMMERCIAL	30.3	57.9	2.9	3.9	4.0	0.9	0.0	100.0
T O T A L	41.4	38.2	5.1	6.9	4.1	3.8	0.5	100.0

TABLE-29 A V E R A G E C A T T L E P R I C E S : FARM SELLING, CATTLE SOLD, TOTAL PRICE RECEIVED, PRICE RECEIVED PER FARM SELLING & AVG. PRICE RECEIVED PER HEAD BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS SELLING	RATIO OF FARMS SELLING	CATTLE SOLD	TOTAL PRICE RECEIVED	PRICE RECEIVED PER FARM	AVERAGE PRICE PER HEAD
			– NUMBER –			
	NUMBER	PERCENTAGE	NUMBER (000)	PULA (000)	PULA	PULA
TRADITIONAL						
BAROLONG	300	37.5	0.6	141.6	472	236
NGWAKETSE SOUTH	500	27.8	3.6	986.4	1 973	274
NGWAKETSE NORTH	1 600	27.6	10.4	2787.2	1 742	268
SOUTHERN REGION	2 400	28.6	14.6	3915.2	1 631	268
BAMALETE	400	33.3	0.6	162.0	405	270
KWENENG SOUTH	2 000	50.0	6.3	1738.8	869	276
KWENENG NORTH	600	31.6	1.7	435.2	725	256
KGATLENG	2 000	57.1	5.6	1405.6	703	251
GABORONE REGION	5 000	47.2	14.2	3741.6	748	263
MAHALAPYE EAST	1 000	38.5	3.6	1094.4	1 094	304
MAHALAPYE WEST	1 300	61.9	5.8	1450.0	1 115	250
PALAPYE	1 700	51.5	10.3	2678.0	1 575	260
SEROWE	3 400	68.0	18.5	4440.0	1 306	240
BOBONONG	1 600	50.0	8.0	1960.0	1 225	245
CENTRAL REGION	9 000	55.6	46.2	11622.4	1 291	252
TATI	1 600	44.4	6.9	1635.3	1 022	237
TUTUME	2 400	57.1	9.1	2220.4	925	244
FRANCISTOWN REGION	4 000	51.3	16.0	385.5	964	241
NGAMILAND WEST	1 200	46.2	5.9	1132.8	944	192
NGAMILAND EAST	1 700	58.6	15.8	4060.6	2 389	257
CHOBE	300	33.3	1.5	356.4	1 188	234
MAUN REGION	3 200	50.0	23.2	5549.8	1 734	239
GHANZI	500	71.4	4.2	1134.0	2 268	270
KGALAGADI	400	44.4	2.7	642.6	1 606	238
WESTERN REGION	900	56.2	6.9	1776.6	1 974	257
TOTAL TRADITIONAL	24 500	48.0	121.1	30461.3	1 243	252
TOTAL COMMERCIAL	430	86.0	112.2	34894.2	81 149	311
T O T A L	24 930	48.4	233.3	65355.5	2 621	280

Goats, Sheep & Other Livestock

TABLE-30 G O A T S : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	GOAT FARMS		TOTAL GOAT		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
BAROLONG	900	1.4	13.0	0.9	14.4
NGWAKETSE SOUTH	2 300	3.7	35.3	2.4	15.4
NGWAKETSE NORTH	6 400	10.2	122.6	8.3	19.2
SOUTHERN REGION	9 600	15.3	170.9	11.6	17.8
BAMALETE	1 900	3.0	33.3	2.3	17.5
KWENENG SOUTH	5 500	8.8	105.4	7.2	19.2
KWENENG NORTH	2 000	3.2	40.5	2.8	20.2
KGATLENG	3 800	6.0	99.3	6.7	26.1
GABORONE REGION	13 200	21.0	278.5	19.0	21.1
MAHALAPYE EAST	3 500	5.6	86.4	5.9	24.7
MAHALAPYE WEST	2 900	4.6	72.1	4.9	24.9
PALAPYE	5 000	8.0	95.4	6.5	19.1
SEROWE	5 300	8.4	141.0	9.6	26.6
BOBONONG	4 300	6.8	114.7	7.8	26.7
CENTRAL REGION	21 000	33.4	509.6	34.7	24.3
TATI	5 200	8.3	98.6	6.7	19.0
TUTUME	5 000	7.9	110.4	7.5	22.1
FRANCISTOWN REGION	10 200	16.2	209.0	14.2	20.5
NGAMILAND WEST	2 300	3.7	62.3	4.2	27.1
NGAMILAND EAST	3 600	5.7	117.4	8.0	32.6
CHOBE	500	0.8	3.8	0.3	7.6
MAUN REGION	6 400	10.2	183.5	12.5	28.7
GHANZI	800	1.3	32.2	2.2	40.2
KGALAGADI	1 300	2.0	45.2	3.1	34.8
WESTERN REGION	2 100	3.3	77.4	5.3	36.9
TOTAL TRADITIONAL	62 500	99.4	1428.9	97.2	22.9
TOTAL COMMERCIAL	350	0.6	41.0	2.8	117.1
TOTAL	62 850	100.0	1469.9	100.0	23.4

TABLE-31 G O A T S : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF GOAT HOLDING

HERD SIZE	GOAT FARMS		TOTAL GOAT		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	9 200	14.7	32.2	2.2	3.5
6 - 10	11 600	18.6	95.1	6.7	8.2
11 - 15	10 700	17.1	138.0	9.7	12.9
16 - 20	8 400	13.4	152.0	10.6	18.1
21 - 30	9 800	15.7	250.9	17.6	25.6
31 - 40	4 300	6.9	152.6	10.7	35.5
41 - 50	2 900	4.6	134.0	9.4	46.2
51+	5 600	9.0	474.1	33.1	84.7
TOTAL TRADITIONAL	62 500	100.0	1428.9	100.0	22.9
COMMERCIAL					
1 - 50	115	32.9	3.6	8.8	31.3
51 - 100	100	28.6	7.5	18.3	75.0
101 - 200	75	21.4	11.9	29.0	158.7
201+	60	17.1	18.0	43.9	300.0
TOTAL COMMERCIAL	350	100.0	41.0	100.0	117.1
TOTAL	62 850	0.0	1469.9	0.0	23.4

TABLE-32 G O A T H E R D C O M P O S I T I O N : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			-NUMBER (000)-		
TRADITIONAL					
BAROLONG	1.9	6.5	2.1	2.5	13.0
NGWAKETSE SOUTH	6.9	18.3	4.8	5.3	35.3
NGWAKETSE NORTH	21.0	63.8	17.2	20.6	122.6
SOUTHERN REGION	29.8	88.6	24.1	28.4	170.9
BAMALETE	5.6	14.9	6.3	6.5	33.3
KWENENG SOUTH	16.9	49.4	16.1	23.0	105.4
KWENENG NORTH	6.4	18.0	7.3	8.8	40.5
KGATLENG	13.2	47.5	17.6	21.0	99.3
GABORONE REGION	42.1	129.8	47.3	59.3	278.5
MAHALAPYE EAST	11.7	47.4	12.3	15.0	86.4
MAHALAPYE WEST	10.6	38.8	9.5	13.2	72.1
PALAPYE	13.4	51.6	13.8	16.6	95.4
SEROWE	20.8	71.6	23.1	25.5	141.0
BOBONONG	16.2	62.7	16.1	19.7	114.7
CENTRAL RERION	72.7	272.1	74.8	90.0	509.6
TATI	18.6	55.4	10.9	13.7	98.6
TUTUME	16.3	64.2	13.6	16.3	110.4
FRANCISTOWN REGION	34.9	119.6	24.5	30.0	209.0
NGAMILAND WEST	7.4	35.5	8.2	11.2	62.3
NGAMILAND EAST	20.3	60.0	16.8	20.3	117.4
CHOBE	0.5	2.1	0.7	0.5	3.8
MAUN REGION	28.2	97.6	25.7	32.0	183.5
GHANZI	4.7	19.2	3.3	5.0	32.2
KGALAGADI	7.5	25.2	5.6	6.9	45.2
WESTERN REGION	12.2	44.4	8.9	11.9	77.4
TOTAL TRADITIONAL	219.9	752.1	205.3	251.6	1428.9
TOTAL COMMERCIAL	6.2	21.4	6.2	7.2	41.0
T O T A L	226.1	773.5	211.5	258.8	1469.9

TABLE-33 G O A T H E R D C O M P O S I T I O N : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			- PERCENTAGE -		
TRADITIONAL					
BAROLONG	14.6	50.0	16.2	19.2	100.0
NGWAKETSE SOUTH	19.6	51.8	13.6	15.0	100.0
NGWAKETSE NORTH	17.1	52.1	14.0	16.8	100.0
SOUTHERN REGION	17.4	51.8	14.1	16.6	100.0
BAMALETE	16.8	44.8	18.9	19.5	100.0
KWENENG SOUTH	16.0	46.9	15.3	21.8	100.0
KWENENG NORTH	15.8	44.5	18.0	21.7	100.0
KGATLENG	13.3	47.8	17.7	21.2	100.0
GABORONE REGION	15.1	46.6	17.0	21.3	100.0
MAHALAPYE EAST	13.5	54.9	14.2	17.4	100.0
MAHALAPYE WEST	14.7	53.8	13.2	18.3	100.0
PALAPYE	14.0	54.1	14.5	17.4	100.0
SEROWE	14.7	50.8	16.4	18.1	100.0
BOBONONG	14.1	54.7	14.0	17.2	100.0
CENTRAL REGION	14.3	53.4	14.7	17.6	100.0
TATI	18.9	56.2	11.0	13.9	100.0
TUTUME	14.8	58.1	12.3	14.8	100.0
FRANCISTOWN REGION	16.7	57.2	11.7	14.4	100.0
NGAMILAND WEST	11.9	57.0	13.1	18.0	100.0
NGAMILAND EAST	17.3	51.1	14.3	17.3	100.0
CHOBE	13.2	55.2	18.4	13.2	100.0
MAUN REGION	15.4	53.2	14.0	17.4	100.0
GHANZI	14.6	59.6	10.3	15.5	100.0
KGALAGADI	16.6	55.7	12.4	15.3	100.0
WESTERN REGION	15.8	57.3	11.5	15.4	100.0
TOTAL TRADITIONAL	15.4	52.6	14.4	17.6	100.0
TOTAL COMMERCIAL	15.1	52.2	15.1	17.6	100.0
TOTAL	15.4	52.6	14.4	17.6	100.0

TABLE-34 G O A T H E R D C O M P O S I T I O N : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			-NUMBER (000)-		
TRADITIONAL					
1 - 5	4.1	20.7	3.6	3.8	32.2
6 - 10	14.8	51.6	13.1	15.6	95.1
11 - 15	21.1	72.2	20.5	24.2	138.0
16 - 20	25.2	77.4	21.7	27.7	152.0
21 - 30	41.4	134.2	33.9	41.4	250.9
31 - 40	22.2	78.1	23.4	28.9	152.6
41 - 50	18.9	70.4	20.4	24.3	134.0
51+	72.2	247.5	68.7	85.7	474.1
TOTAL TRADITIONAL	219.9	752.1	205.3	251.6	1428.9
COMMERCIAL					
1 - 50	0.6	1.8	0.5	0.7	3.6
51 - 100	1.1	3.3	1.0	2.1	7.5
101 - 200	2.1	5.8	1.8	2.2	11.9
201+	2.4	10.5	2.9	2.2	18.0
TOTAL COMMERCIAL	6.2	21.4	6.2	7.2	41.0
T O T A L	226.1	773.5	211.5	258.8	1469.9

TABLE-35 G O A T H E R D C O M P O S I T I O N : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			- PERCENTAGE -		
TRADITIONAL					
1 - 5	12.7	64.3	11.2	11.8	100.0
6 - 10	15.6	54.3	13.7	16.4	100.0
11 - 15	15.3	52.3	14.9	17.5	100.0
16 - 20	16.6	50.9	14.3	18.2	100.0
21 - 30	16.5	53.5	13.5	16.5	100.0
31 - 40	14.6	51.2	15.3	18.9	100.0
41 - 50	14.1	52.6	15.2	18.1	100.0
51+	15.2	52.2	14.5	18.1	100.0
TOTAL TRADITIONAL	15.4	52.6	14.4	17.6	100.0
1 - 50	17.0	51.1	14.9	17.0	100.0
51 - 100	14.6	43.8	13.5	28.1	100.0
101 - 200	17.6	49.0	15.0	18.4	100.0
201+	13.5	57.8	15.6	13.1	100.0
TOTAL COMMERCIAL	15.2	52.1	15.0	17.7	100.0
T O T A L	15.4	52.7	14.4	17.7	100.0

TABLE-36 G O A T S I N V E N T O R Y :BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER (000)-		
TRADITIONAL					
BAROLONG	5.8	2.7	0.5	0.9	0.2
NGWAKETSE SOUTH	14.4	8.4	0.6	2.2	0.3
NGWAKETSE NORTH	49.5	24.7	1.7	6.1	1.4
SOUTHERN REGION	69.7	35.8	2.8	9.2	1.9
BAMALETE	17.2	9.5	1.7	1.8	0.3
KWENENG SOUTH	49.4	22.6	2.6	3.5	2.0
KWENENG NORTH	18.7	6.3	1.1	2.5	2.3
KGATLENG	47.5	19.7	7.2	4.4	2.0
GABORONE REGION	132.8	58.1	12.6	12.2	6.6
MAHALAPYE EAST	30.4	11.5	3.0	6.0	3.6
MAHALAPYE WEST	27.2	8.1	1.8	3.7	0.9
PALAPYE	34.7	13.4	5.8	4.9	2.5
SEROWE	54.0	28.2	6.9	7.0	1.7
BOBONONG	44.9	22.9	5.5	6.9	3.4
CENTRAL REGION	191.2	84.1	23.0	28.5	12.1
TATI	34.9	21.0	2.7	6.0	1.9
TUTUME	43.3	30.2	3.8	7.2	1.5
FRANCISTOWN REGION	78.2	51.2	6.5	13.2	3.4
NGAMILAND WEST	26.7	14.8	2.1	1.9	0.5
NGAMILAND EAST	46.4	34.6	3.4	5.7	0.9
CHOBE	1.5	0.6	0.1	0.6	0.6
MAUN REGION	74.6	50.0	5.6	8.2	2.0
GHANZI	11.6	8.1	0.5	2.0	0.5
KGALAGADI	17.4	11.8	0.4	4.2	0.2
WESTERN REGION	29.0	19.9	0.9	6.2	0.7
TOTAL TRADITIONAL	575.5	299.1	51.4	77.5	26.7
TOTAL COMMERCIAL	15.5	7.4	3.3	3.7	0.9
T O T A L	591.0	306.5	54.7	81.2	27.6

TABLE-37 G O A T S I N V E N T O R Y*: RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL GOATS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL GOATS	RATIO OF DEATHS TO TOTAL GOATS	RATIO OF SALES TO TOTAL GOATS	RATIO OF HOME SLAUGHTER TO TOTAL GOATS	RATIO OF PURCHASES TO TOTAL GOATS
	- PERCENTAGE -				
TRADITIONAL					
BAROLONG	50.0	23.3	4.3	7.8	1.7
NGWAKETSE SOUTH	38.5	22.5	1.6	5.9	0.8
NGWAKETSE NORTH	45.5	22.7	1.6	5.6	1.3
SOUTHERN REGION	44.1	22.7	1.8	5.8	1.2
BAMALETE	47.9	26.5	4.7	5.0	0.8
KWENENG SOUTH	51.6	23.6	2.7	3.7	2.1
KWENENG NORTH	42.3	14.3	2.5	5.7	5.2
KGATLENG	61.1	25.3	9.6	5.7	2.6
GABORONE REGION	46.8	20.5	4.4	4.3	2.3
MAHALAPYE EAST	38.9	14.7	3.8	7.7	4.6
MAHALAPYE WEST	31.9	9.5	2.1	4.3	1.1
PALAPYE	36.5	14.1	6.1	5.2	2.6
SEROWE	42.6	22.3	5.5	5.5	1.3
BOBONONG	39.1	19.9	4.8	6.0	3.0
CENTRAL REGION	38.2	16.8	4.6	5.7	2.4
TATI	32.7	19.7	2.5	5.6	1.8
TUTUME	43.3	30.2	3.8	7.2	1.5
FRANCISTOWN REGION	37.8	24.8	3.1	6.4	1.6
NGAMILAND WEST	37.2	20.6	2.9	2.7	0.7
NGAMILAND EAST	49.1	36.7	3.6	6.0	1.0
CHOBE	38.5	15.4	2.6	15.4	15.4
MAUN REGION	43.9	29.4	2.1	4.8	1.2
GHANZI	43.0	30.0	1.9	7.4	1.9
KGALAGADI	36.8	24.9	0.9	8.9	0.4
WESTERN REGION	39.0	26.8	1.2	8.3	0.9
TOTAL TRADITIONAL	42.2	21.9	3.6	5.7	1.9
TOTAL COMMERCIAL	40.4	19.3	8.6	9.6	2.3
T O T A L	42.2	21.9	3.8	5.8	2.0

*Based on Mid-Year Population

TABLE-38 G O A T S I N V E N T O R Y :BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY SIZE OF GOAT HOLDING

HERD SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER (000)-		
TRADITIONAL					
0	0.9	0.2	0.3	0.2	0.0
1 - 5	11.7	13.4	0.9	2.4	0.5
6 - 10	39.8	31.4	2.7	5.6	0.5
11 - 15	60.0	40.2	5.0	10.3	2.6
16 - 20	65.0	40.4	7.2	11.9	4.0
21 - 30	97.3	49.1	5.8	13.3	3.5
31 - 40	61.7	28.5	4.4	7.3	1.7
41 - 50	55.9	25.0	4.4	6.3	1.7
51+	183.2	70.9	18.7	20.2	12.2
TOTAL TRADITIONAL	575.5	299.1	51.4	77.5	26.7
COMMERCIAL					
0	0.0	0.0	0.5	0.1	0.0
1 - 50	1.4	1.1	0.2	0.5	0.2
51 - 100	2.8	165.5	0.9	0.1	
101 - 200	5.0	2.1	1.6	1.3	0.4
201+	6.3	2.6	0.5	0.9	0.2
TOTAL COMMERCIAL	15.5	7.4	3.3	3.7	0.9
T O T A L	591.0	306.5	54.7	81.2	27.6

TABLE-44 S H E E P H E R D C O M P O S I T I O N : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			- PERCENTAGE -		
TRADITIONAL					
BAROLONG	13.6	56.1	13.6	16.7	100.0
NGWAKETSE SOUTH	17.4	57.3	11.8	13.5	100.0
NGWAKETSE NORTH	18.7	57.9	11.2	12.2	100.0
SOUTHERN REGION	17.5	57.4	11.8	13.3	100.0
BAMALETE	33.3	33.3	16.7	16.7	100.0
KWENENG SOUTH	12.5	53.9	12.5	21.1	100.0
KWENENG NORTH	13.6	50.0	13.7	22.7	100.0
KGATLENG	14.9	63.8	6.4	14.9	100.0
GABORONE REGION	13.4	54.7	11.7	20.2	100.0
MAHALAPYE EAST	18.7	53.0	10.4	17.9	100.0
MAHALAPYE WEST	9.7	53.3	14.3	22.7	100.0
PALAPYE	19.2	50.0	15.4	15.4	100.0
SEROWE	14.8	57.2	12.7	15.3	100.0
BOBONONG	20.1	52.2	13.2	14.5	100.0
CENTRAL REGION	16.1	53.7	13.0	17.2	100.0
TATI	23.7	52.0	13.1	11.2	100.0
TUTUME	23.7	52.6	13.2	10.5	100.0
FRANCISTOWN REGION	23.7	52.2	13.1	11.0	100.0
NGAMILAND WEST	24.7	48.0	13.0	14.3	100.0
NGAMILAND EAST	21.5	55.4	10.8	12.3	100.0
CHOBE	33.3	33.3	33.4	0.0	100.0
MAUN REGION	23.5	51.0	12.4	13.1	100.0
GHANZI	17.7	64.7	8.8	8.8	100.0
KGALAGADI	15.3	61.2	9.5	14.0	100.0
WESTERN REGION	15.7	61.8	9.4	13.1	100.0
TOTAL TRADITIONAL	17.3	55.1	12.2	15.4	100.0
TOTAL COMMERCIAL	11.9	57.6	13.0	17.5	100.0
T O T A L	16.5	55.4	12.3	15.8	100.0

TABLE-43 S H E E P H E R D C O M P O S I T I O N : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			-NUMBER (000)-		
TRADITIONAL					
BAROLONG	0.9	3.7	0.9	1.1	6.6
NGWAKETSE SOUTH	3.1	10.2	2.1	2.4	17.8
NGWAKETSE NORTH	4.0	12.4	2.4	2.6	21.4
SOUTHERN REGION	8.0	26.3	5.4	6.1	45.8
BAMALETE	0.2	0.2	0.1	0.1	0.6
KWENENG SOUTH	2.9	12.5	2.9	4.9	23.2
KWENENG NORTH	0.3	1.1	0.3	0.5	2.2
KGATLENG	0.7	3.0	0.3	0.7	4.7
GABORONE REGION	4.1	16.8	3.6	6.2	30.7
MAHALAPYE EAST	2.5	7.1	1.4	2.4	13.4
MAHALAPYE WEST	1.5	8.2	2.2	3.5	15.4
PALAPYE	1.5	3.9	1.2	1.2	7.8
SEROWE	2.8	10.8	2.4	2.9	18.9
BOBONONG	3.2	8.3	2.1	2.3	15.9
CENTRAL REGION	11.5	38.3	9.3	12.3	71.4
TATI	3.6	7.9	2.0	1.7	15.2
TUTUME	1.8	4.0	1.0	0.8	7.6
FRANCISTOWN REGION	5.4	11.9	3.0	2.5	22.9
NGAMILAND WEST	1.9	3.7	1.0	1.1	7.7
NGAMILAND EAST	1.4	3.6	0.7	0.8	6.5
CHOBE	0.1	0.1	0.1	0.0	0.3
MAUN REGION	3.4	7.4	1.8	1.9	14.5
GHANZI	0.6	2.2	0.3	0.3	3.4
KGALAGADI	2.4	9.6	1.5	2.2	15.7
WESTERN REGION	3.0	11.8	1.8	2.5	19.1
TOTAL TRADITIONAL	35.4	112.5	24.9	31.5	204.3
TOTAL COMMERCIAL	4.3	20.7	4.7	6.3	36.0
T O T A L	39.7	133.2	29.6	37.8	240.3

TABLE-42 S H E E P : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF SHEEP HOLDING

HERD SIZE	SHEEP FARMS		TOTAL SHEEP		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	5 600	39.0	16.2	7.9	2.9
6 - 10	3 250	22.7	26.0	12.7	8.0
11 - 20	3 400	23.7	50.5	24.7	14.8
21 - 30	1 050	7.3	25.9	12.7	24.7
31+	1 050	7.3	85.7	42.0	81.6
TOTAL TRADITIONAL	14 350	100.0	204.3	100.0	14.2
COMMERCIAL					
1 - 50	105	38.9	2.9	8.0	27.6
51 - 100	70	25.9	4.7	13.0	67.1
101 - 200	50	18.5	7.9	21.9	158.0
201+	45	16.7	20.5	57.1	455.6
TOTAL COMMERCIAL	270	100.0	36.0	100.0	133.3
T O T A L	14 620	0.0	240.3	0.0	16.4

TABLE-41 S H E E P : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	SHEEP FARMS		TOTAL SHEEP		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
BAROLONG	500	3.4	6.6	2.8	13.2
NGWAKETSE SOUTH	1 000	6.8	17.8	7.4	17.8
NGWAKETSE NORTH	2 000	13.7	21.4	8.9	10.7
SOUTHERN REGION	3 500	23.9	45.8	19.1	13.1
BAMALETE	300	2.1	0.6	0.3	2.0
KWENENG SOUTH	1 700	11.6	23.2	9.6	13.6
KWENENG NORTH	300	2.1	2.2	0.9	7.3
KGATLENG	600	4.1	4.7	2.0	7.8
GABORONE REGION	2 900	19.9	30.7	12.8	10.6
MAHALAPYE EAST	900	6.1	13.4	5.6	14.9
MAHALAPYE WEST	800	5.5	15.4	6.4	19.3
PALAPYE	800	5.5	7.8	3.2	9.8
SEROWE	900	6.1	18.9	7.9	21.0
BOBONONG	1 300	8.9	15.9	6.6	12.2
CENTRAL REGION	4 700	32.1	71.4	29.7	15.2
TATI	1 300	8.9	15.2	6.3	11.7
TUTUME	600	4.1	7.6	3.2	12.7
FRANCISTOWN REGION	1 900	13.0	22.8	9.5	12.0
NGAMILAND WEST	300	2.1	7.7	3.2	25.7
NGAMILAND EAST	300	2.1	6.5	2.7	21.7
CHOBE	50	0.3	0.3	0.1	6.0
MAUN REGION	650	4.5	14.5	6.0	22.3
GHANZI	150	1.0	3.4	1.4	22.7
KGALAGADI	550	3.8	15.7	6.5	28.5
WESTERN REGION	700	4.8	19.1	7.9	27.3
TOTAL TRADITIONAL	14 350	98.2	204.3	85.0	14.2
TOTAL COMMERCIAL	270	1.8	36.0	15.0	133.3
T O T A L	14 620	100.0	240.3	100.0	16.4

TABLE-40 A V E R A G E G O A T P R I C E S : FARM SELLING, GOAT SOLD, TOTAL PRICE RECEIVED, PRICE RECEIVED PER FARM SELLING & AVG. PRICE RECEIVED PER HEAD BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS SELLING	RATIO OF FARMS SELLING	GOAT SOLD	TOTAL PRICE RECEIVED	PRICE RECEIVED PER FARM	AVERAGE PRICE PER HEAD
	NUMBER	PERCENTAGE	NUMBER (000)	PULA (000)	PULA	PULA
TRADITIONAL						
SOUTHERN REGION	800	8.3	2.8	159.6	199	57
GABORONE REGION	2 600	19.7	12.6	730.8	281	58
CENTRAL REGION	5 400	25.7	23.0	1058.0	196	46
FRANCISTOWN REG	2 600	25.5	6.5	292.5	112	45
MAUN REGION	2 100	32.8	5.6	2240.0	107	40
WESTERN REGION	600	28.6	0.9	44.1	74	49
TOTAL TRADITIONAL	14 100	22.6	51.4	2509.0	178	49
TOTAL COMMERCIAL	130	37.1	3.3	194.7	1 498	59
T O T A L	14 230	22.6	54.7	2703.7	190	49

TABLE-39 G O A T S I N V E N T O R Y : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL GOATS BY SIZE OF GOAT HOLDING

HERD SIZE	RATIO OF BIRTHS TO TOTAL GOATS	RATIO OF DEATHS TO TOTAL GOATS	RATIO OF SALES TO TOTAL GOATS	RATIO OF HOME SLAUGHTER TO TOTAL GOATS	RATIO OF PURCHASES TO TOTAL GOATS
	- PERCENTAGE -				
TRADITIONAL					
1 - 5	37.6	43.1	2.9	7.7	1.6
6 - 10	41.0	32.3	2.8	5.8	0.5
11 - 15	47.1	31.6	3.9	8.1	2.0
16 - 20	43.5	27.0	4.8	8.0	2.7
21 - 30	41.9	21.1	2.5	5.7	1.5
31 - 40	38.3	17.7	2.7	4.5	1.1
41 - 50	42.5	19.0	3.4	4.8	1.3
51+	41.8	16.2	4.3	4.6	2.8
TOTAL TRADITIONAL	42.2	21.9	3.6	5.7	1.9
COMMERCIAL					
1 - 50	38.9	30.6	5.6	13.9	5.6
51 - 100	31.5	18.0	5.6	10.1	1.1
101 - 200	49.0	20.6	15.7	12.7	3.9
201+	39.6	16.4	3.1	5.7	1.3
TOTAL COMMERCIAL	40.4	19.3	8.6	9.6	2.3
T O T A L	42.2	21.9	3.8	5.8	2.0

*Based on current population

TABLE-45 S H E E P H E R D C O M P O S I T I O N : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			-NUMBER (000)-		
TRADITIONAL					
1 - 5	3.9	9.1	1.6	1.6	16.2
6 - 10	4.6	14.1	3.1	4.2	26.0
11 - 20	9.0	26.8	6.9	7.8	50.5
21 - 30	5.0	13.5	3.2	4.2	25.9
31+	12.9	49.0	10.1	13.7	85.7
TOTAL TRADITIONAL	35.4	112.5	24.9	31.5	204.3
COMMERCIAL					
1 - 50	0.5	1.5	0.4	0.5	2.9
51 - 100	0.6	2.5	0.6	1.0	4.7
101 - 200	1.1	4.1	0.9	1.8	7.9
200+	2.1	12.6	2.8	3.0	20.5
TOTAL COMMERCIAL	4.3	20.7	4.7	6.3	36.0
T O T A L	39.7	133.2	29.6	37.8	240.3

TABLE-47 S H E E P I N V E N T O R Y :BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER (000)-		
TRADITIONAL					
BAROLONG	2.1	0.8	0.3	0.3	0.1
NGWAKETSE SOUTH	5.7	2.8	0.3	1.1	0.1
NGWAKETSE NORTH	6.6	2.6	0.6	0.8	0.5
SOUTHERN REGION	14.4	6.2	1.2	2.2	0.7
BAMALETE	0.2	0.4	0.1	0.2	0.0
KWENENG SOUTH	8.6	2.3	0.3	0.4	1.7
KWENENG NORTH	0.8	0.2	0.1	0.1	0.1
KGATLENG	1.1	0.3	1.0	0.9	1.2
GABORONE REGION	10.7	3.2	1.5	1.6	3.0
MAHALAPYE EAST	5.2	1.8	0.6	1.3	0.8
MAHALAPYE WEST	6.1	1.2	1.8	0.3	0.1
PALAPYE	2.7	0.7	0.7	0.4	0.1
SEROWE	6.1	3.4	1.3	0.6	1.0
BOBONONG	5.3	2.5	1.1	0.4	0.8
CENTRAL REGION	25.4	9.6	5.5	3.0	2.8
TATI	5.5	3.0	0.8	0.4	0.2
TUTUME	2.1	1.1	0.3	0.4	0.6
FRANCISTOWN REGION	7.6	4.1	1.1	0.8	0.8
NGAMILAND WEST	2.9	1.9	0.2	0.3	0.1
NGAMILAND EAST	2.0	2.2	0.2	0.1	0.1
CHOBE	0.1	0.1	9.1	9.1	9.1
MAUN REGION	5.0	4.2	0.4	0.4	0.2
GHANZI	1.2	0.9	1.3	0.5	0.0
KGALAGADI	4.9	2.3	0.8	1.1	0.1
WESTERN REGION	6.1	3.2	2.1	1.6	0.1
TOTAL TRADITIONAL	69.2	30.5	11.8	9.6	7.6
TOTAL COMMERCIAL	13.5	9.8	4.1	2.5	3.8
T O T A L	82.7	40.3	15.9	12.1	11.4

TABLE-48 S H E E P I N V E N T O R Y*: RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL SHEEP BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL SHEEP	RATIO OF DEATHS TO TOTAL SHEEP	RATIO OF SALES TO TOTAL SHEEP	RATIO OF HOME SLAUGHTER TO TOTAL SHEEP	RATIO OF PURCHASES TO TOTAL SHEEP
			- PERCENTAGE -		
TRADITIONAL					
BAROLONG	33.3	12.7	4.8	4.8	1.6
NGWAKETSE SOUTH	32.6	16.0	1.7	6.3	0.6
NGWAKETSE NORTH	29.6	11.7	2.7	3.6	2.2
SOUTHERN REGION	31.0	13.3	2.6	4.7	1.5
BAMALETE	16.7	33.3	8.3	16.7	0.0
KWENENG SOUTH	63.3	11.9	1.5	2.1	8.8
KWENENG NORTH	44.4	11.1	5.6	5.6	5.6
KGATLENG	24.4	6.7	22.2	20.0	26.7
GABORONE REGION	39.8	11.9	5.6	5.9	11.2
MAHALAPYE EAST	55.9	19.4	6.5	14.0	8.6
MAHALAPYE WEST	48.4	9.5	14.3	2.4	0.8
PALAPYE	33.3	8.6	8.6	4.9	1.2
SEROWE	34.7	19.3	7.4	3.4	5.7
BOBONONG	26.8	12.6	5.6	2.0	4.0
CENTRAL REGION	37.8	14.3	8.2	4.5	4.2
TATI	33.3	18.2	4.8	2.4	0.8
TUTUME	27.3	14.3	3.9	5.2	7.8
FRANCISTOWN REGION	31.4	16.9	4.5	3.3	3.3
NGAMILAND WEST	36.3	23.8	2.5	3.8	1.3
NGAMILAND EAST	35.1	38.6	3.5	1.8	1.8
CHOBE	33.3	33.3	0.0	0.0	0.0
MAUN REGION	35.7	30.0	2.9	2.9	1.4
GHANZI	48.0	36.0	52.0	20.0	0.0
KGALAGADI	24.0	11.3	3.9	5.4	0.5
WESTERN REGION	26.6	14.0	9.2	7.0	0.4
TOTAL TRADITIONAL	34.3	15.1	5.9	4.8	3.8
TOTAL COMMERCIAL	40.7	29.5	12.3	7.5	11.4
T O T A L	35.2	17.2	6.8	5.2	4.9

*Based on Mid-Year Census

TABLE-49 S H E E P I N V E N T O R Y : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY SIZE OF SHEEP HOLDING

HERD SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER (000)-		
TRADITIONAL					
0	1.1	0.8	0.3	0.2	0.0
1 - 5	4.1	5.6	1.0	1.1	2.8
6 - 10	8.3	7.3	1.5	1.3	1.8
11 - 20	17.4	7.6	2.0	3.1	1.0
21 - 30	9.3	4.9	1.3	1.5	0.5
31+	29.0	4.3	5.7	2.4	1.5
TOTAL TRADITIONAL	69.2	30.5	11.8	9.6	7.6
COMMERCIAL					
0	0.0	0.0	0.5	0.0	0.0
1 - 50	0.8	1.0	0.1	0.2	0.7
51 - 100	1.7	2.2	0.1	0.5	0.5
101 - 200	3.0	1.9	1.6	0.5	0.8
201+	8.0	4.7	1.8	1.3	1.8
TOTAL COMMERCIAL	13.5	9.8	4.1	2.5	3.8
T O T A L	82.7	40.3	15.9	12.1	11.4

TABLE-50 S H E E P I N V E N T O R Y*: RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL SHEEP BY SIZE OF SHEEP HOLDING

HERD SIZE	RATIO OF BIRTHS TO TOTAL SHEEP	RATIO OF DEATHS TO TOTAL SHEEP	RATIO OF SALES TO TOTAL SHEEP	RATIO OF HOME SLAUGHTER TO TOTAL SHEEP	RATIO OF PURCHASES TO TOTAL SHEEP
			- PERCENTAGE -		
TRADITIONAL					
1 - 5	27.5	37.6	6.7	7.4	18.8
6 - 10	31.2	27.4	5.6	4.9	6.8
11 - 20	35.9	15.7	4.1	6.4	2.1
21 - 30	35.4	18.6	4.9	5.7	1.9
31+	34.0	5.1	6.7	2.8	1.6
TOTAL TRADITIONAL	34.3	15.1	5.9	4.8	3.8
COMMERCIAL					
1 - 50	27.6	34.5	3.4	6.9	24.1
51 - 100	37.8	48.9	2.2	11.1	11.1
101 - 200	30.6	19.4	16.3	5.1	8.2
200+	49.7	29.2	11.2	8.1	11.2
TOTAL COMMERCIAL	40.7	29.5	12.3	7.5	11.4
T O T A L	35.2	17.2	6.8	5.2	4.9

*Based on current population

TABLE-51 A V E R A G E S H E E P P R I C E S : FARM SELLING, SHEEP SOLD, TOTAL PRICE RECEIVED, PRICE RECEIVED PER FARM SELLING & AVG. PRICE RECEIVED PER HEAD BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS SELLING	RATIO OF FARMS SELLING	SHEEP SOLD	TOTAL PRICE RECEIVED	PRICE RECEIVED PER FARM	AVERAGE PRICE PER HEAD
	NUMBER	PERCENTAGE	NUMBER (000)	PULA (000)	PULA	PULA
TRADITIONAL						
SOUTHERN REGION	300	8.6	1.2	62.4	208	52
GABORONE REGION	400	13.8	1.5	102.0	255	68
CENTRAL REGION	1 300	27.7	5.5	297.0	228	54
FRANCISTOWN REGION	300	15.8	1.1	48.4	161	44
MAUN REGION	200	30.8	0.4	16.0	80	40
WESTERN REGION	300	42.9	2.1	102.9	343	49
TOTAL TRADITIONAL	2 800	19.5	11.8	628.7	225	53
TOTAL COMMERCIAL	90	33.3	4.1	246.0	2 733	60
T O T A L	2 890	19.8	15.9	874.7	303	55

TABLE-52 D O N K E Y S : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	DONKEY FARMS		TOTAL DONKEYS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
BAROLONG	400	1.5	2.0	1.4	5.0
NGWAKETSE SOUTH	1 700	6.3	10.7	7.3	6.3
NGWAKETSE NORTH	2 000	7.4	9.0	6.1	4.5
SOUTHERN REGION	4 100	15.2	21.7	14.8	5.3
BAMALETE	400	1.5	3.0	2.1	7.5
KWENENG SOUTH	2 000	7.4	8.6	5.9	4.3
KWENENG NORTH	900	3.3	4.1	2.8	4.6
KGATLENG	1 500	5.5	10.6	7.2	7.1
GABORONE REGION	4 800	17.7	26.3	18.0	5.5
MAHALAPYE EAST	1 500	5.5	9.2	6.3	6.1
MAHALAPYE WEST	1 100	4.1	8.9	6.1	8.1
PALAPYE	1 400	5.2	7.9	5.4	5.6
SEROWE	2 600	9.6	11.7	8.0	4.5
BOBONONG	3 100	11.5	20.2	13.8	6.5
CENTRAL REGION	9 700	35.9	57.9	39.5	6.0
TATI	1 400	5.2	7.5	5.1	5.4
TUTUME	1 500	5.5	6.2	4.2	4.1
FRANCISTOWN REGION	2 900	10.7	13.7	9.3	4.7
NGAMILAND WEST	2 000	7.4	8.6	5.9	4.3
NGAMILAND EAST	1 600	5.9	8.1	5.5	5.1
CHOBE	100	0.4	0.5	0.3	5.0
MAUN REGION	3 700	13.7	17.2	11.7	4.6
GHANZI	700	2.6	3.1	2.1	4.4
KGALAGADI	1 000	2.6	4.8	3.3	4.8
WESTERN REGION	1 700	6.3	7.9	5.4	4.6
TOTAL TRADITIONAL	26 900	99.5	144.7	98.8	5.4
TOTAL COMMERCIAL	150	0.5	1.8	1.2	12.0
T O T A L	27 050	100.0	146.5	100.0	5.4

TABLE-53 D O N K E Y S : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF DONKEYS HOLDING

HERD SIZE	DONKEY FARMS		TOTAL DONKEYS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	16 800	62.4	52.1	36.0	3.1
6 - 10	7 600	28.3	55.5	38.4	7.3
11 - 15	1 700	6.3	21.4	14.8	12.6
16+	800	3.0	15.7	10.8	19.6
TOTAL TRADITIONAL	26 900	100.0	144.7	100.0	5.4

TABLE-54 C H I C K E N S: FARMS, BIRDS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CHICKEN FARMS		TOTAL CHICKENS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
BAROLONG	1 400	2.2	10.9	0.9	7.8
NGWAKETSE SOUTH	2 600	4.0	28.9	2.2	11.1
NGWAKETSE NORTH	7 300	11.2	73.0	5.7	10.0
SOUTHERN REGION	11 300	17.4	112.8	8.8	10.0
BAMALETE	2 200	3.4	26.8	2.1	12.2
KWENENG SOUTH	6 100	9.4	58.4	4.6	9.6
KWENENG NORTH	2 400	3.7	27.3	2.1	11.4
KGATLENG	4 700	7.2	70.5	5.5	15.0
GABORONE REGION	15 400	23.7	183.0	14.3	11.9
MAHALAPYE EAST	3 400	5.2	45.6	3.6	13.4
MAHALAPYE WEST	3 100	4.8	33.5	2.6	10.8
PALAPYE	4 000	6.2	46.4	3.6	11.6
SEROWE	5 000	7.7	55.0	4.3	11.0
BOBONONG	4 000	6.1	44.0	3.4	11.0
CENTRAL REGION	19 500	30.0	224.5	17.5	11.5
TATI	5 500	8.5	86.4	6.7	15.7
TUTUME	5 300	8.1	78.0	6.1	14.7
FRANCISTOWN REGION	10 800	16.6	164.4	12.8	15.2
NGAMILAND WEST	2 500	3.8	16.5	1.3	6.6
NGAMILAND EAST	2 000	3.1	16.2	1.3	8.1
CHOBE	1 400	2.1	21.7	1.7	15.5
MAUN REGION	5 900	9.0	54.4	4.3	9.2
GHANZI	800	1.2	6.7	0.5	8.4
KGALAGADI	1 100	1.7	11.9	0.9	10.8
WESTERN REGION	1 900	2.9	18.6	1.4	9.8
TOTAL TRADITIONAL	64 800	99.6	757.7	59.1	11.7
TOTAL COMMERCIAL	250	0.4	525.0	40.9	2100.0
T O T A L	65 050	100.0	1282.7	100.0	19.7

TABLE-55 C H I C K E N S: FARMS, BIRDS AND AVERAGE SIZE BY SIZE OF CHICKEN HOLDING

FLOCK SIZE	CHICKEN FARMS		TOTAL CHICKENS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	22 200	34.3	75.5	9.9	3.4
6 - 10	19 900	30.7	163.2	21.5	8.2
11 - 15	11 700	18.0	154.4	20.4	13.2
16 - 20	5 700	8.8	103.7	13.7	18.2
21 - 25	1 800	2.8	41.6	5.5	23.1
26 - 30	1 700	2.6	48.3	6.4	28.4
31+	1 800	2.8	171.0	22.6	95.0
TOTAL TRADITIONAL	64 800	100.0	757.7	100.0	11.7
COMMERCIAL					
1 - 50	130	52.0	3.5	0.7	26.9
51 - 100	50	20.0	3.8	0.7	76.0
101+	70	28.0	517.7	98.6	7395.7
TOTAL COMMERCIAL	250	100.0	525.0	100.0	2100.0
T O T A L	65 050	0.0	1282.7	0.0	19.7

TABLE-56 H O R S E S : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	HORSES FARMS		TOTAL HORSES		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
BAROLONG	50	0.8	0.2	0.8	4.0
NGWAKETSE SOUTH	100	1.6	0.4	1.7	4.0
NGWAKETSE NORTH	600	9.9	2.1	8.7	3.5
SOUTHERN REGION	750	12.3	2.7	11.2	3.6
BAMALETE	50	0.8	0.1	0.4	2.0
KWENENG SOUTH	350	5.8	0.4	1.7	1.1
KWENENG NORTH	100	1.6	0.2	0.8	2.0
KGATLENG	200	0.3	0.3	1.2	1.5
GABORONE REGION	700	11.5	1.0	4.1	1.4
MAHALAPYE EAST	50	0.8	0.1	0.4	2.0
MAHALAPYE WEST	50	0.8	0.2	0.8	4.0
PALAPYE	100	1.7	0.2	0.8	2.0
SEROWE	200	3.3	0.5	2.1	2.5
BOBONONG	400	6.6	1.2	5.0	3.0
CENTRAL REGION	800	13.2	2.2	9.1	2.8
TATI	50	0.8	0.1	0.4	2.0
TUTUME	300	4.9	0.9	3.7	3.0
FRANCISTOWN REGION	350	5.8	1.0	4.1	2.9
NGAMILAND WEST	1 000	9.1	2.7	12.0	2.9
NGAMILAND EAST	1 100	18.1	5.1	21.1	4.6
CHOBE	0	0.0	0.0	0.0	0.0
MAUN REGION	2 100	34.6	8.0	33.1	3.8
GHANZI	550	9.1	2.7	11.2	4.9
KGALAGADI	600	9.9	2.2	9.1	3.7
WESTERN REGION	1 150	19.0	4.9	20.3	4.3
TOTAL TRADITIONAL	5 850	96.4	19.8	81.8	3.4
TOTAL COMMERCIAL	220	3.6	4.4	18.2	20.0
T O T A L	6 070	100.0	24.2	100.0	4.0

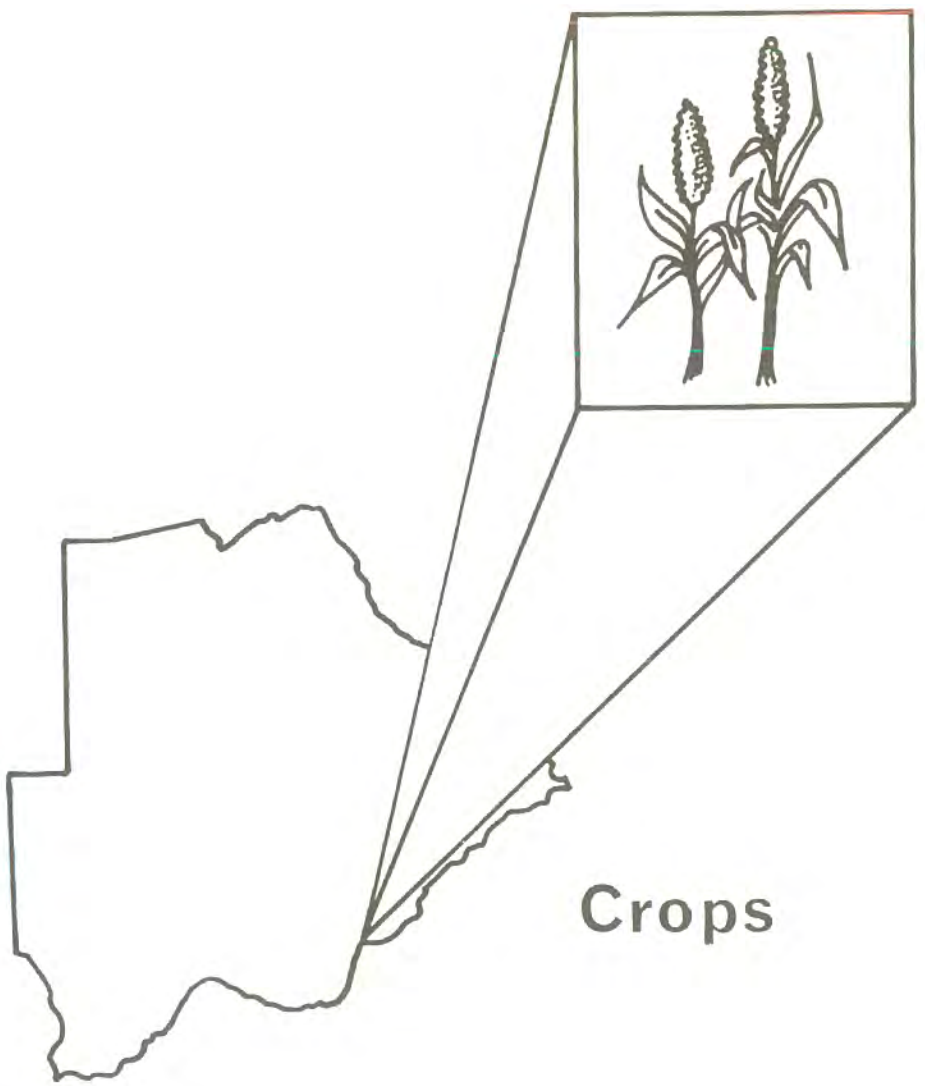


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TABLE -57 TOTAL LAND: FARMS, AREA, LAND AREA PER FARM, LAND HOLDING, AVERAGE SIZE OF LAND HOLDING FIELDS AVERAGE SIZE OF FIELD BY DISTRICT AND REGION

DISTRICTS/ REGION	FARMS WITH LAND	AREA	LAND AREA PER FARM	LAND HOLDINGS	AVERAGE SIZE OF LAND HOLDINGS	FIELDS	AVERAGE SIZE OF FIELDS
	NUMBER (000)	HECTARES	HECTARES	NUMBER (000)	HECTARES	NUMBER (000)	HECTARES
BAROLONG	1 100	7.6	6.9	1.3	5.9	1.4	5.4
NGWAKETSE SOUTH	2 500	18.7	7.5	3.2	5.8	4.3	4.4
NGWAKETSE NORTH	6 100	27.0	4.4	7.4	3.7	8.5	3.2
SOUTHERN REGION	9 700	53.3	5.5	11.9	4.5	14.2	3.8
BAMALETE	2 800	9.8	3.5	2.9	3.4	2.9	3.4
KWENENG SOUTH	6 000	30.3	5.1	6.2	4.9	6.6	4.6
KWENENG NORTH	2 500	12.8	5.1	4.3	3.1	4.1	3.7
KGATLENG	4 500	27.0	6.0	4.8	5.6	5.2	5.2
GABORONE REGION	15 800	79.9	5.1	16.9	4.7	17.8	4.5
MAHALAPYE EAST	3 700	22.6	6.1	3.9	5.8	4.4	5.1
MAHALAPYE WEST	3 200	20.5	6.4	3.5	5.9	3.9	5.3
PALAPYE	3 900	19.3	4.9	4.4	4.4	4.4	4.4
SEROWE	4 600	26.4	5.7	5.5	4.8	6.0	4.4
BOBONONG	4 200	24.7	5.9	4.7	5.3	7.8	3.2
CENTRAL REGION	19 600	113.5	5.8	22.0	5.2	26.1	4.4
TATI	5 500	27.2	4.9	6.9	3.9	9.5	2.9
TUTUME	5 500	26.8	4.9	6.1	4.4	10.0	2.7
FRANCISTOWN REGION	11 000	54.0	4.9	13.0	4.2	19.5	2.8
NGAMILAND WEST	2 500	5.4	2.2	2.5	2.2	2.7	2.0
NGAMILAND EAST	2 200	4.4	2.0	2.2	2.0	2.6	1.7
CHOBE	1 100	3.6	3.3	1.1	3.3	1.1	3.3
MAUN REGION	5 800	13.4	2.3	5.8	2.3	6.4	2.1
GHANZI	400	1.1	2.8	0.5	2.2	0.5	2.2
KGALAGADI	500	2.1	4.2	0.5	4.2	0.5	4.2
WESTERN REGION	900	3.2	3.6	1.0	3.2	1.0	3.2
TOTAL TRADITIONAL	62 800	317.3	5.1	70.6	4.5	85.0	3.7
TOTAL COMMERCIAL	200	65.0	325.0	2/	2/	2/	2/
TOTAL	63 000	382.3	6.1	2/	2/	2/	2/

TABLE - 58 TOTAL LAND: FARMS, AREA AND LAND AREA PER FARM BY SIZE OF LAND HOLDINGS TRADITIONAL FARMS

HECTERAGE SIZE	FARMS WITH LAND		LAND AREA		LAND AREA PER FARM
TRADITIONAL	NUMBER	PERCENTAGES	HECTARES (000)	PERCENTAGES	HECTARES
.1 - 1.0	5 000	7.9	3.2	1.0	0.6
1.1 - 2.0	8 500	13.5	13.6	4.3	1.6
2.1 - 3.0	12 400	19.7	31.0	9.8	2.5
3.1 - 4.0	8 600	13.2	30.1	9.5	3.5
4.1 - 5.0	6 100	9.7	27.5	8.7	4.5
5.1 - 6.0	4 900	7.8	26.7	8.4	5.4
6.1 - 7.0	4 500	7.2	29.3	9.2	6.5
7.1 - 8.0	2 000	3.2	14.8	4.6	7.4
8.1 - 9.0	2 500	4.0	21.3	6.7	8.5
9.1 - 10.0	2 200	3.5	20.9	6.6	9.5
10.1 - 15.0	4 300	6.9	50.7	15.0	11.8
15.1 +	1 800	2.9	48.2	15.2	26.8
TOTAL TRADITIONAL	62 800	100.0	317.3	100.0	5.1

TABLE-59 C R O P L A N D (PLANTED LAND) : FARMS, RATIO OF CROP FARMS TO FARMS WITH LAND, AREA PLANTED, RATIO OF LAND PLANTED TO TOTAL LAND, AREA PLANTED/FARM, FIELD PLANTED & AVERAGE SIZE OF FIELDS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CROP FARMS	RATIO OF CROP FARMS TO FARM-LAND	TOTAL AREA PLANTED	RATIO OF LAND PLANTED TO TOTAL LAND	AREA PLANTED/ CROP FARM	FIELDS PLANTED	AVERAGE SIZE OF FIELDS PLANTED
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES	NUMBER (000)	HECTARES
TRADITIONAL							
BAROLONG	1 100	100.0	6.9	90.8	6.3	1.3	5.3
NGWAKETSE SOUTH	2 100	84.0	12.4	66.3	5.9	3.5	3.5
NGWAKETSE NORTH	5 500	90.2	24.8	91.9	4.5	7.3	3.4
SOUTHERN REGION	8 700	89.7	44.1	82.7	5.1	12.1	3.6
BAMALETE	2 700	96.4	7.1	72.4	2.6	2.8	2.5
KWENENG SOUTH	5 500	91.7	28.2	93.1	5.1	5.9	4.8
KWENENG NORTH	2 400	96.0	12.1	94.5	5.0	2.8	4.3
KGATLENG	4 500	100.0	22.7	84.1	5.0	5.2	4.4
GABORONE REGION	15 100	95.6	70.1	87.7	4.6	16.7	4.2
MAHALAPYE EAST	3 500	94.6	21.0	92.9	6.0	3.8	5.5
MAHALAPYE WEST	3 100	96.9	18.6	90.7	6.0	3.4	5.5
PALAPYE	3 500	89.7	13.5	70.0	3.9	4.0	3.4
SEROWE	3 900	84.8	21.7	82.2	5.6	46.5	4.7
BOBONONG	4 100	97.6	20.5	83.0	5.0	5.8	3.5
CENTRAL REGION	18 100	92.4	95.3	84.0	5.3	21.6	4.4
TATI	5 400	98.2	23.6	86.8	4.4	7.6	3.1
TUTUME	5 400	98.2	24.6	91.8	4.6	7.9	3.1
FRANCISTOWN REGIION	10 800	98.2	48.2	89.3	4.5	15.5	3.1
NGAMILAND WEST	1 900	76.0	3.7	68.5	2.0	2.0	1.9
NGAMILAND EAST	1 600	72.7	3.6	81.8	2.3	1.9	1.9
CHOBE	1 000	90.9	2.0	55.6	2.0	1.1	1.8
MAUN REGION	4 500	77.6	9.3	69.4	2.1	5.0	1.9
GHANZI	200	50.0	0.5	45.4	2.5	0.2	2.5
KGALAGADI	300	60.0	1.5	71.4	5.0	0.3	5.0
WESTERN REGION	500	55.6	2.0	62.5	4.0	0.5	4.0
TOTAL TRADITIONAL	57 700	91.9	269.0	84.8	4.7	71.4	3.8
TOTAL COMMERCIAL	150	75.0	20.5	31.5	136.7	0.4	51.3
TOTAL	57 850	91.8	289.5	75.7	5.0	71.8	4.0

TABLE-60 C R O P L A N D (PLANTED LAND): FARMS, AREA AND AREA PLANTED PER CROP FARM BY SIZE OF AREA PLANTED, TRADITIONAL FARMS.

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED/ CROP FARMS
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
.1 - 1.0	4 300	7.5	3.0	1.1	0.7
1.1 - 2.0	8 700	15.1	13.9	5.2	1.6
2.1 - 3.0	11 500	19.9	28.8	10.7	2.5
3.1 - 4.0	8 400	14.6	29.4	10.9	3.5
4.1 - 5.0	5 400	9.4	24.3	9.0	4.5
5.1 - 6.0	4 400	7.6	24.2	9.0	5.5
6.1 - 7.0	4 200	7.3	27.3	10.1	6.5
7.1 - 8.0	1 900	3.3	14.3	5.4	7.5
8.1 - 9.0	2 100	3.6	17.9	6.6	8.5
9.1 - 10.1	1 800	3.1	17.1	6.4	9.5
10.1 - 15.0	3 600	6.2	42.8	15.9	11.9
15.1+	1 400	2.4	26.0	9.7	18.6
TOTAL TRADITIONAL	57 700	100.0	269.0	100.0	4.7

TABLE-61 H A R V E S T E D L A N D : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED	RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
BAROLONG	1 000	90.9	5.7	82.6	5.7
NGWAKETSE SOUTH	1 400	66.7	8.6	69.4	6.1
NGWAKETSE NORTH	2 650	48.2	14.3	57.7	5.4
SOUTHERN REGION	5 050	58.0	28.6	64.9	5.7
BAMALETE	1 600	59.3	4.0	56.3	2.5
KWENENG SOUTH	2 700	49.1	12.1	42.9	4.5
KWENENG NORTH	650	27.1	3.5	28.9	5.4
KGATLENG	3 000	66.7	15.1	66.5	5.0
GABORONE REGION	7 950	52.6	34.7	49.5	4.4
MAHALAPYE EAST	2 250	64.3	12.2	58.1	5.4
MAHALAPYE WEST	1 500	48.4	8.3	44.6	5.5
PALAPYE	2 450	70.0	9.0	66.7	3.7
SEROWE	1 000	25.6	4.1	18.9	4.1
BOBONONG	950	23.2	3.4	16.6	3.6
CENTRAL REGION	8 150	45.0	37.0	38.8	4.5
TATI	1 900	35.2	7.0	29.7	3.7
TUTUME	1 900	35.2	5.8	23.6	3.1
FRANCISTOWN REGION	3 800	35.2	12.8	26.6	3.4
NGAMILAND WEST	50	2.6	0.2	5.4	4.0
NGAMILAND EAST	50	3.1	0.2	5.6	4.0
CHOBE	50	5.0	0.1	5.0	2.0
MAUN REGION	150	3.3	0.5	5.4	3.3
GHANZI	0	0.0	0.0	0.0	0.0
KGALAGADI	0	0.0	0.0	0.0	0.0
WESTERN REGION	0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	25 100	43.5	113.6	42.2	4.5
TOTAL COMMERCIAL	115	76.7	15.9	77.6	137.1
TOTAL	25 215	43.6	129.5	44.7	5.1

TABLE-62 H A R V E S T E D L A N D : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED	RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
.1 - 1.0	400	9.3	0.2	6.7	0.5
1.1 - 2.0	1 550	17.8	1.8	12.9	1.2
2.1 - 3.0	4 600	40.0	8.0	27.8	1.7
3.1 - 4.0	3 800	45.2	9.5	32.3	2.7
4.1 - 5.0	2 650	49.1	8.8	36.2	3.3
5.1 - 6.0	2 850	64.8	12.3	50.8	4.3
6.1 - 7.0	2 350	55.9	11.3	41.4	4.8
7.1 - 8.0	1 400	73.7	7.9	55.2	5.6
8.1 - 9.0	1 300	61.9	7.9	44.1	6.1
9.1 - 10.1	1 150	63.9	9.1	53.2	7.9
10.1 - 15.0	2 000	55.6	19.6	45.8	9.8
15.1+	1 050	75.0	17.2	66.2	16.4
TOTAL TRADITIONAL	25 100	43.5	113.6	42.2	4.5

TABLE-63 F A R M S P L A N T E D : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS, OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN FLOWER 1/	GROUND-NUTS 2/	OTHERS CROPS 3/	TOTAL
			- NUMBER -					
TRADITIONAL								
BAROLONG	1 100	500		100				1 100
NGWAKETSE SOUTH	2 000	1 100		150				2 100
NGWAKETSE NORTH	5 200	2 500	150	1 900				5 500
SOUTERN REGION	8 300	4 100	150	2 750	50	50		8 700
BAMALETE	2 700	750		1 550				2 700
KWENENG SOUTH	5 500	3 750	250	3 300				5 500
KWENENG NORTH	2 400	1 100	100	1 700				2 400
KGATLENG	4 500	1 900	700	1 400				4 500
GABORONE REGION	15 100	7 500	1 050	7 950				15 100
MAHALAPYE EAST	3 500	1 500	1 000	2 200				3 500
MAHALAPYE WEST	3 100	1 500	500	1 600				3 100
PALAPYE	3 500	2 250	600	2 300				3 500
SEROWE	3 900	3 100	550	2 400				3 900
BOBONONG	4 100	1 900	750	1 900				4 100
CENTRAL REGION	18 100	10 250	3 400	10 400	50	200	150	18 100
TATI	5 200	3 900	3 800	3 400				5 400
TUTUME	5 300	3 600	4 400	2 500				5 400
FRANCISTOWN REGION	10 500	7 500	8 200	5 900	50	1 900	50	10 800
NGAMILAND WEST	1 300	800	800	200				1 900
NGAMILAND EAST	1 500	1 400	350	350				1 600
CHOBE	800	1 000						1 000
MAUN REGION	3 600	3 200	1 150	550		100	50	4 500
GHANZI	150	200		200				200
KGALAGADI	200	300		100				300
WESTERN REGION	350	500		300				500
TOTAL TRADITIONAL	55 950	33 050	13 950	27 850	150	2 250	250	57 700
TOTAL COMMERCIAL	90	85	5	50	15	10	40	150
TOTAL	56 040	33 135	13 955	27 900	165	2 260	290	57 850

TABLE-64 A R E A P L A N T E D : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS, OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN FLOWER 3/	GROUND-NUTS 3/	OTHERS CROPS 3/	TOTAL
				-HECTARES(000)-				
TRADITIONAL								
BAROLONG	5.7	0.9	0.0	0.1	0.0	0.0	0.0	6.9
NGWAKETSE SOUTH	10.4	1.5	0.0	0.5	0.0	0.0	0.0	12.4
NGWAKETSE NORTH	20.7	3.0	0.1	0.9	0.0	0.0	0.0	24.8
SOUTHERN REGION	36.8	5.4	0.1	1.5	0.2	0.1	0.0	44.1
BAMALETE	5.9	0.6	0.0	0.6	0.0	0.0	0.0	7.1
KWENENG SOUTH	21.2	5.0	0.2	1.8	0.0	0.0	0.0	28.2
KWENENG NORTH	9.3	1.7	0.1	1.0	0.0	0.0	0.0	12.1
KGATLENG	18.9	2.1	0.9	0.8	0.0	0.0	0.0	22.7
GABORONE REGION	55.3	9.4	1.2	4.2	0.0	0.0	0.0	70.1
MAHALAPYE EAST	16.9	2.0	1.0	1.0	0.0	0.0	0.0	21.0
MAHALAPYE WEST	14.6	2.2	0.7	1.1	0.0	0.0	0.0	18.6
PALAPYE	9.9	2.2	0.3	1.0	0.0	0.0	0.0	13.5
SEROWE	14.8	5.6	0.1	1.0	0.0	0.0	0.0	21.7
BOBONONG	15.7	2.4	0.8	1.4	0.0	0.0	0.0	20.5
CENTRAL REGION	71.9	14.4	2.9	5.5	0.1	0.4	0.1	95.3
TATI	12.9	5.0	3.6	1.7	0.0	0.0	0.0	23.6
TUTUME	12.3	5.2	5.0	1.5	0.0	0.0	0.0	24.6
FRANCISTOWN REGION	25.2	10.2	8.6	3.2	0.1	0.9	0.0	48.2
NGAMILAND WEST	1.9	0.5	1.1	0.1	0.0	0.0	0.0	3.7
NGAMILAND EAST	1.8	1.5	0.1	0.1	0.0	0.0	0.0	3.6
CHOBE	0.9	1.1	0.0	0.0	0.0	0.0	0.0	2.0
MAUN REGION	4.6	3.1	1.2	0.2	0.0	0.1	0.1	9.3
GHANZI	0.1	0.3	0.0	0.1	0.0	0.0	0.0	0.5
KGALAGADI	0.8	0.5	0.0	0.2	0.0	0.0	0.0	1.5
WESTERN REGION	0.9	0.8	0.0	0.3	0.0	0.0	0.0	2.0
TOTAL TRADITIONAL	194.7	43.3	14.0	14.9	0.4	1.5	0.2	269.0
TOTAL COMMERCIAL	15.3	3.2	0.1	1.0	0.2	0.4	0.3	20.5
TOTAL	210.0	46.5	14.1	15.9	0.6	1.9	0.5	289.5

TABLE-65 A R E A H A R V E S T E D : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS, OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN FLOWER 3/	GROUND NUTS 3/	OTHERS CROPS 3/	TOTAL
				-HECTARES (000)-				
TRADITIONAL								
BAROLONG	5.4	0.1	0.0	0.0	0.0	0.0	0.0	5.7
NGWAKETSE SOUTH	8.1	0.3	0.0	0.2	0.0	0.0	0.0	8.6
NGWAKETSE NORTH	13.7	0.2	0.1	0.3	0.0	0.0	0.0	28.6
SOUTHERN REGION	27.2	0.6	0.1	0.5	0.2	0.0	0.0	28.6
BAMALETE	3.9	0.1	0.0	0.0	0.0	0.0	0.0	4.0
KWENENG SOUTH	11.3	0.5	0.0	0.3	0.0	0.0	0.0	12.1
KWENENG NORTH	3.4	0.1	0.0	0.0	0.0	0.0	0.0	3.5
KGATLENG	13.8	0.3	0.7	0.3	0.0	0.0	0.0	15.1
GABORONE REGION	32.4	1.0	0.7	0.6	0.0	0.0	0.0	34.7
MAHALAPYE EAST	11.1	0.3	0.6	0.2	0.0	0.0	0.0	12.2
MAHALAPYE WEST	7.6	0.3	0.1	0.3	0.0	0.0	0.0	8.3
PALAPYE	8.8	0.0	0.1	0.1	0.0	0.0	0.0	9.0
SEROWE	3.9	0.1	0.0	0.1	0.0	0.0	0.0	4.1
BOBONONG	2.9	0.1	0.3	0.1	0.0	0.0	0.0	3.4
CENTRAL REGION	34.3	0.8	1.1	0.8	0.0	0.0	0.0	37.0
TATI	5.1	0.0	1.7	0.2	0.0	0.0	0.0	7.0
TUTUME	3.4	0.7	1.6	0.1	0.0	0.0	0.0	5.8
FRANCISTOWN REGION	8.5	0.7	3.3	0.3	0.0	0.0	0.0	12.8
NGAMILAND WEST	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2
NGAMILAND EAST	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2
CHOBE	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
MAUN REGION	0.2	0.1	0.2	0.0	0.0	0.0	0.0	0.5
GHANZI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	102.6	3.2	5.4	2.2	0.2	0.0	0.0	113.6
TOTAL COMMERCIAL	11.3	2.2	0.1	0.7	0.2	0.4	1.0	15.9
TOTAL	113.9	5.4	5.5	2.9	0.4	0.4	1.0	129.5

TABLE-66 T O T A L P R O D U C T I O N : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER AND GROUNDNUTS BY DISTRICTS & REGIONS.

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN- FLOWERS 3/	GROUND- NUTS 3/
			- METRIC TONS -			
TRADITIONAL						
BAROLONG	1 070	10				
NGWAKETSE SOUTH	1 755	15		15		
NGWAKETSE NORTH	2 280	30	5	25		
SOUTHERN REGION	5 105	55	5	40	25	
BAMALETE	415	5				
KWENENG SOUTH	665	45		30		
KWENENG NORTH	205	5				
KGATLENG	1 495	15	50	20		
GABORONE REGION	2 780	70	50	50		
MAHALAPYE EAST	990	10	30	25		
MAHALAPYE WEST	800	15	5	120		
PALAPYE	530		10	10		
SEROWE	235	5		15		
BOBONONG	225	5	40	5		
CENTRAL REGION	2 780	35	85	175		
TATI	315		90	15		
TUTUME	145	45	120	5		
FRANCISTOWN REGION	460	45	210	20		
NGAMILAND WEST			10			
NGAMILAND EAST	10					
CHOBE		10				
MAUN REGION	10	10	10			
GHANZI						
KGALAGADI						
WESTERN REGION						
TOTAL TRADITIONAL	11 135	215	360	285	25	
TOTAL COMMERCIAL	6 900	3 060	5	40	80	60
TOTAL	18 035	3 265	365	325	105	60

TABLE-67 S O R G H U M P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
			PURE	MIXED	TOTAL		
	NUMBER	PERCENTAGE	HECTARES ('000)			PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	1 100	2.0	4.6	1.1	5.7	2.7	5.2
NGWAKETSE SOUTH	2 000	3.5	8.0	2.4	10.4	5.0	5.2
NGWAKETSE NORTH	5 200	9.3	12.8	7.9	20.7	9.8	4.0
SOUTHERN REGION	8 300	14.8	25.4	11.4	36.8	17.5	4.4
BAMALETE	2 700	4.8	2.3	3.6	5.9	2.8	2.2
KWENENG SOUTH	5 500	9.8	2.9	18.3	21.2	10.1	3.9
KWENENG NORTH	2 400	4.3	2.7	6.6	9.3	4.4	3.9
KGATLENG	4 500	8.0	9.2	9.7	18.9	9.0	4.2
GABORONE REGION	15 100	26.9	17.1	38.2	55.3	26.3	3.7
MAHALAPYE EAST	3 500	6.2	3.5	13.4	16.9	8.0	4.8
MAHALAPYE WEST	3 100	5.5	5.9	8.7	14.6	7.0	4.7
PALAPYE	3 500	6.3	2.7	7.2	9.9	4.7	2.8
SEROWE	3 900	7.0	5.9	8.9	14.8	7.0	3.8
BOBONONG	4 100	7.3	5.9	9.8	15.7	7.5	3.8
CENTRAL REGION	18 100	32.3	23.9	48.0	71.9	34.2	4.0
TATI	5 200	9.3	3.4	9.5	12.9	6.1	2.5
TUTUME	5 300	9.4	1.6	10.7	12.3	5.9	2.3
FRANCISTOWN REGION	10 500	18.7	5.0	20.2	25.2	12.0	2.4
NGAMILAND WEST	1 300	2.3	1.0	0.9	1.9	0.9	1.5
NGAMILAND EAST	1 500	2.7	0.5	1.3	1.8	0.9	1.2
CHOBE	800	1.4	0.0	0.9	0.9	0.4	1.1
MAUN REGION	3 600	6.4	1.5	3.1	4.6	2.2	1.3
GHANZI	150	0.3	0.0	0.1	0.1	0.1	0.7
KGALAGADI	200	0.4	0.0	0.8	0.8	0.4	4.0
WESTERN REGION	350	0.7	0.0	0.9	0.9	0.5	2.6
TOTAL TRADITIONAL	55 950	99.8	72.9	121.8	194.7	92.7	3.5
TOTAL COMMERCIAL	90	0.2	15.3	0.0	15.3	7.3	170.0
TOTAL	56 040	100.0	88.2	121.8	210.0	100.0	3.8

TABLE-68 S O R G H U M P L A N T E D :FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
2.1 - 3.0	11 450	20.5	28.3	14.5	2.5
3.1 - 4.0	5 700	10.2	19.7	10.1	3.5
4.1 - 5.0	4 800	8.6	21.6	11.1	4.5
5.1 - 6.0	3 300	5.9	18.0	9.2	5.5
6.1 - 7.0	1 700	3.0	11.3	5.8	6.7
7.1 - 10.0	4 550	8.1	39.1	20.1	8.6
10.1+	2 700	4.8	31.3	16.1	11.6
TOTAL TRADITIONAL	55 950	100.0	194.7	100.0	3.5

TABLE-69 S O R G H U M H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	1 000	4.3	90.9	5.4	4.7	94.7	5.4
NGWAKETSE SOUTH	1 400	5.9	70.0	8.1	7.1	77.9	5.8
NGWAKETSE NORTH	2 450	10.5	47.1	13.7	12.0	66.2	5.6
SOUTHERN REGION	4 850	20.7	58.4	27.2	23.9	73.9	5.6
BAMALETE	1 600	6.8	59.3	3.9	3.4	66.1	2.4
KWENENG SOUTH	2 500	10.7	45.5	11.3	9.9	53.3	4.5
KWENENG NORTH	600	2.6	25.0	3.4	3.0	36.6	5.7
KGATLENG	3 000	12.8	66.7	13.8	12.1	73.0	4.6
GABORONE REGION	7 700	32.9	51.0	32.4	28.4	58.6	4.2
MAHALAPYE EAST	2 200	9.4	62.9	11.1	9.7	65.7	5.1
MAHALAPYE WEST	1 400	6.0	45.2	7.6	6.7	52.1	5.4
PALAPYE	2 450	10.5	70.0	8.8	7.7	88.9	3.6
SEROWE	950	4.0	24.4	3.9	3.4	26.4	4.1
BOBONONG	900	3.8	22.0	2.9	2.6	18.5	3.2
CENTRAL REGION	7 900	33.7	43.7	34.3	30.1	47.7	4.3
TATI	1 400	6.0	26.9	5.1	4.5	39.5	3.6
TUTUME	1 400	6.0	26.4	3.4	3.0	27.6	2.4
FRANCISTOWN REGION	2 800	12.0	26.7	8.5	7.5	33.7	3.0
NGAMILAND WEST		0.0	0.0	0.0	0.0	0.0	0.0
NGAMILAND EAST	100	0.4	6.7	0.2	0.2	11.1	2.0
CHOBE		0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	100	0.4	2.8	0.2	0.2	4.4	2.0
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	23 350	99.7	41.7	102.6	90.1	52.7	4.4
TOTAL COMMERCIAL	80	0.3	88.9	11.3	9.9	73.9	141.2
T O T A L	23 430	100.0	41.8	113.9	100.0	54.2	4.9

TABLE-70 S O R G H U M H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
.1 - 1.0	1 650	7.1	18.1	1.4	1.3	21.9	0.8
1.1 - 2.0	3 850	16.5	30.4	5.5	5.4	29.0	1.4
2.1 - 3.0	4 500	19.3	39.3	10.6	10.3	37.5	2.4
3.1 - 4.0	2 400	10.3	42.1	7.8	7.6	39.6	3.3
4.1 - 5.0	2 900	12.4	60.4	12.3	12.0	56.9	4.2
5.1 - 6.0	2 400	10.3	72.7	12.4	12.1	68.9	5.2
6.1 - 7.0	800	3.4	47.1	4.7	4.6	41.6	5.9
7.1 - 10.0	2 900	12.4	63.7	22.6	22.0	57.8	
10.1+	1 950	8.3	72.2	25.3	24.7	80.8	13.0
TOTAL TRADITIONAL	23 350	100.0	41.7	102.6	100.0	52.7	4.4

TABLE-71 S O R G H U M P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
BAROLONG	1 070	5.9	1 070	198	188
NGWAKETSE SOUTH	1 755	9.7	1 254	217	169
NGWAKETSE NORTH	2 280	12.7	931	166	110
SOUTHERN REGION	5 105	28.3	1 053	188	139
BAMALETE	415	2.3	259	106	70
KWENENG SOUTH	665	3.7	266	59	31
KWENENG NORTH	205	1.1	342	60	22
KGATLENG	1 495	8.3	498	108	79
GABORONE REGION	2 780	15.4	361	86	50
MAHALAPYE EAST	990	5.5	450	89	59
MAHALAPYE WEST	800	4.4	571	105	55
PALAPYE	350	2.9	216	60	54
SEROWE	235	1.3	247	60	16
BOBONONG	225	1.3	250	78	14
CENTRAL REGION	2 780	15.4	352	81	39
TATI	315	1.7	225	62	24
TUTUME	145	0.8	104	43	12
FRANCISTOWN REGION	460	2.5	164	54	18
NGAMILAND WEST	0	0.0	0	0	0
NGAMILAND EAST	10	0.1	100	50	6
CHOBE	0	0.0	0	0	0
MAUN REGION	10	0.1	100	50	2
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	11 135	61.7	477	109	57
TOTAL COMMERCIAL	6 900	38.3	86 250	611	451
T O T A L	18 035	100.0	774	159	86

TABLE-72 S O R G H U M P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	200	1.8	121	143	31
1.1 - 2.0	480	4.3	125	87	25
2.1 - 3.0	1 345	12.1	299	127	48
3.1 - 4.0	645	5.8	269	83	33
4.1 - 5.0	1 460	13.1	503	119	68
5.1 - 6.0	1 415	12.7	590	114	79
6.1 - 7.0	535	4.8	669	114	47
7.1 - 10.0	2 505	22.5	864	111	64
10.1+	2 550	22.9	1 308	101	81
TOTAL TRADITIONAL	11 135	100.0	477	109	57

TABLE-73 M A I Z E P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
			PURE	MIXED	TOTAL		
	NUMBER	PERCENTAGE	HECTARES ('000)			PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	500	1.5	0.2	0.7	0.9	1.9	1.8
NGWAKETSE SOUTH	1 100	3.3	0.7	0.8	1.5	3.2	1.4
NGWAKETSE NORTH	2 500	7.6	0.7	2.3	3.0	6.5	1.2
SOUTHERN REGION	4 100	12.4	1.6	3.8	5.4	11.6	1.3
BAMALETE	750	2.3	0.1	0.5	0.6	1.3	0.8
KWENENG SOUTH	3 750	11.3	0.0	5.0	5.0	10.7	1.3
KWENENG NORTH	1 100	3.3	0.1	1.6	1.7	3.2	1.6
KGATLENG	1 900	5.7	0.3	1.8	2.1	4.5	1.1
GABORONE REGION	7 500	22.6	0.5	8.9	9.4	20.2	1.2
MAHALAPYE EAST	1 500	4.5	0.3	1.7	2.0	4.3	1.3
MAHALAPYE WEST	1 500	4.5	0.4	1.8	2.2	4.7	1.5
PALAPYE	2 250	6.8	0.0	2.2	2.2	4.7	1.0
SEROWE	3 100	9.4	2.4	3.2	5.6	12.1	1.8
BOBONONG	1 900	5.7	0.1	2.3	2.4	5.2	1.3
CENTRAL REGION	10 250	30.9	3.2	11.2	14.4	31.0	1.4
TATI	3 900	11.8	0.7	4.3	5.0	10.7	1.3
TUTUME	3 600	10.9	0.1	5.1	5.2	11.2	1.4
FRANCISTOWN REGION	7 500	22.7	0.8	9.4	10.2	21.9	1.4
NGAMILAND WEST	800	2.4	0.2	0.3	0.5	1.1	0.6
NGAMILAND EAST	1 400	4.2	0.2	1.3	1.5	3.2	1.1
CHOBE	1 000	3.0	0.1	1.0	1.1	2.4	1.1
MAUN REGION	3 200	9.6	0.5	2.6	3.1	6.7	1.0
GHANZI	200	0.6	0.0	0.3	0.3	0.6	1.5
KGALAGADI	300	0.9	0.0	0.5	0.5	1.1	1.7
WESTERN REGION	500	1.5	0.0	0.8	0.8	1.7	1.6
TOTAL TRADITIONAL	35 050	99.7	6.6	36.7	43.3	93.1	1.3
TOTAL COMMERCIAL	85	0.3	3.2	0.0	3.2	6.9	40.0
T O T A L	33 135	100.0	9.8	36.7	46.5	100.0	1.4

TABLE-74 M A I Z E P L A N T E D :FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
.1 - 1.0	17 550	53.1	10.5	24.3	0.6
1.1 - 2.0	9 800	29.7	13.7	31.6	1.4
2.1 - 3.0	3 550	10.7	8.5	19.6	2.4
3.1 - 4.0	1 150	3.5	3.9	9.0	3.4
4.1 - 7.0	850	2.6	4.7	10.9	5.5
7.1 - 10.0	50	0.1	0.4	0.9	8.0
10.1+	100	0.3	1.6	3.7	16.0
TOTAL TRADITIONAL	33 050	100.0	43.3	100.0	1.3

TABLE-75 M A I Z E H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	50	2.5	10.0	0.1	1.9	11.1	2.0
NGWAKETSE SOUTH	150	7.4	13.6	0.3	5.5	20.0	2.0
NGWAKETSE NORTH	300	14.9	12.0	0.2	3.7	6.7	0.7
SOUTHERN REGION	500	24.8	12.2	0.6	11.1	11.1	1.2
BAMALETE	50	2.5	6.7	0.1	1.9	16.7	2.0
KWENENG SOUTH	520	12.4	6.7	0.5	9.2	10.0	2.0
KWENENG NORTH	50	2.4	4.6	0.1	1.9	5.9	2.0
KGATLENG	200	9.9	10.5	0.3	5.5	14.3	1.5
GABORONE REGION	550	27.2	7.3	1.0	18.5	10.6	1.8
MAHALAPYE EAST	150	7.4	10.0	0.3	5.5	15.0	2.0
MAHALAPYE WEST	150	7.4	10.0	0.3	5.5	13.6	2.0
PALAPYE		0.0	0.0	0.0	0.0	0.0	0.0
SEROWE	50	2.5	1.6	0.1	1.9	1.8	2.0
BOBONONG	50	2.5	2.6	0.1	1.9	4.2	2.0
CENTRAL REGION	400	19.8	3.9	0.8	14.8	5.6	2.0
TATI		0.0	0.0	0.0	0.0	0.0	0.0
TUTUME	450	22.3	12.5	0.7	13.0	13.5	1.6
FRANCISTOWN REGION	450	22.3	6.0	0.7	13.0	6.9	1.6
NGAMILAND WEST		0.0	0.0	0.0	0.0	0.0	0.0
NGAMILAND EAST		0.0	0.0	0.0	0.0	0.0	0.0
CHOBE	50	2.5	5.0	0.1	1.9	9.1	2.0
MAUN REGION	50	2.5	1.6	0.1	1.9	3.2	2.0
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	1 950	96.5	5.9	3.2	59.3	7.4	1.6
TOTAL COMMERCIAL	70	3.5	82.4	2.2	40.7	68.8	31.4
T O T A L	2 020	100.0	6.1	5.4	100.0	11.6	2.7

TABLE-76 M A I Z E H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
.1 - 1.0	460	23.6	2.6	0.3	9.4	2.9	0.7
1.1 - 2.0	880	45.1	9.0	1.2	37.5	8.8	1.4
2.1 - 3.0	440	22.6	12.4	0.9	28.1	10.6	2.1
3.1 - 4.0	120	6.2	10.4	0.3	9.4	7.7	2.5
4.1 - 7.0	20	1.0	2.4	0.1	3.1	2.1	5.0
7.1 - 10.0	10	0.5	20.0	0.1	3.1	25.0	10.0
10.1+	20	1.0	20.0	0.3	9.4	18.8	15.0
TOTAL TRADITIONAL	1 950	100.0	5.9	3.2	100.0	7.4	1.6

TABLE-77 M A I Z E P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
BAROLONG	10	0.3	200	100	11
NGWAKETSE SOUTH	15	0.5	100	50	10
NGWAKETSE NORTH	30	0.9	100	150	10
SOUTHERN REGION	55	1.7	110	92	10
BAMALETE	5	0.2	100	50	8
KWENENG SOUTH	45	1.4	180	90	9
KWENENG NORTH	5	0.2	100	50	3
KGATLENG	15	0.4	75	50	7
GABORONE REGION	70	2.2	127	70	7
MAHALAPYE EAST	10	0.3	67	33	5
MAHALAPYE WEST	15	0.4	100	50	7
PALAPYE	0	0.0	0	0	0
SEROWE	5	0.2	100	50	2
BOBONONG	5	0.2	100	50	2
CENTRAL REGION	35	1.1	88	44	2
TATI	0	0.0	0	0	0
TUTUME	45	1.4	100	64	9
FRANCISTOWN REGION	45	1.4	100	64	4
NGAMILAND WEST	0	0.0	0	0	0
NGAMILAND EAST	0	0.0	0	0	0
CHOBE	10	0.3	200	100	9
MAUN REGION	10	0.3	200	100	3
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	215	6.6	110	67	5
TOTAL COMMERCIAL	3 050	93.4	43 571	1 386	953
T O T A L	3 265	100.0	1 616	605	70

TABLE-78 M A I Z E P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	30	14.0	65	100	3
1.1 - 2.0	65	30.2	74	54	5
2.2 - 3.0	60	27.9	136	67	7
3.1 - 4.0	15	7.0	125	50	4
4.1 - 7.0	10	4.6	500	100	2
7.1 - 10.0	15	7.0	1 500	150	38
10.1+	20	9.3	1 000	67	13
TOTAL TRADITIONAL	215	100.0	110	67	5

TABLE-79 M I L L E T P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		AREA PLANTED (PURE)	AREA PLANTED (MIXED)	AREA PLANTED (TOTAL)	AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES ('000)			PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE SOUTH		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE NORTH	150	1.1	0.0	0.1	0.1	0.7	0.7
SOUTHERN REGION	150	1.1	0.0	0.1	0.1	0.7	0.7
BAMALETE		0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH	250	1.8	0.0	0.2	0.2	1.4	0.8
KWENENG NORTH	100	0.7	0.0	0.1	0.1	0.7	1.0
KGATLENG	700	5.0	0.4	0.5	0.9	6.4	1.3
GABORONE REGION	1 050	7.5	0.4	0.8	1.2	8.5	1.1
MAHALAPYE EAST	1 000	7.2	0.1	0.9	1.0	7.1	0.1
MAHALAPYE WEST	500	3.6	0.0	0.7	0.7	5.0	1.4
PALAPYE	600	4.3	0.0	0.3	0.3	2.1	0.5
SEROWE	550	3.9	0.0	0.1	0.1	0.7	0.2
BOBONONG	750	5.4	0.2	0.6	0.8	5.7	1.1
CENTRAL REGION	3 400	24.4	0.3	2.6	2.9	20.6	0.9
TATI	3 800	27.2	0.6	3.0	3.6	25.5	1.0
TUTUME	4 400	31.5	0.5	4.5	5.0	35.5	1.1
FRANCISTOWN REGION	8 200	58.7	1.1	7.5	8.6	61.0	1.1
NGAMILAND EAST	800	5.7	0.7	0.4	1.1	7.8	1.4
NGAMILAND WEST	350	2.5	0.0	0.1	0.1	0.7	0.3
CHOBE		0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	1 150	8.2	0.7	0.5	1.2	8.5	1.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	13 950	99.9	2.5	11.5	14.0	99.3	1.0
TOTAL COMMERCIAL	5	0.1	0.1	0.0	0.1	0.7	20.0
T O T A L	13 955	100.0	2.6	11.5	14.1	100.0	1.0

TABLE-80 M I L L E T P L A N T E D :FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADTIONAL					
.1 - 1.0	9 050	64.9	4.3	30.7	0.5
1.1 - 2.0	3 200	22.9	4.3	30.7	1.3
2.1 - 3.0	950	6.8	2.3	16.4	2.4
3.1+	750	5.4	3.1	22.2	4.1
TOTAL TRADITIONAL	13 950	100.0	14.0	100.0	1.0

TABLE-81 M I L L E T H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE SOUTH		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE NORTH	150	3.5	100.0	0.1	1.8	100.0	0.7
SOUTHERN REGION	150	3.5	100.0	0.1	1.8	100.0	0.7
BAMALETE		0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH		0.0	0.0	0.0	0.0	0.0	0.0
KWENENG NORTH		0.0	0.0	0.0	0.0	0.0	0.0
KGATLENG	400	9.4	57.1	0.7	12.7	77.8	1.8
GABORONE REGION	400	9.4	38.1	0.7	12.7	58.3	1.8
MAHALAPYE EAST	550	12.9	55.0	0.6	10.9	60.0	1.1
MAHALAPYE WEST	50	1.2	10.0	0.1	1.8	14.3	2.0
PALAPYE	100	2.3	16.7	0.1	1.8	33.3	1.0
SEROWE		0.0	0.0	0.0	0.0	0.0	0.0
BOBONONG	250	5.9	33.3	0.3	5.5	37.5	1.2
CENTRAL REGION	950	22.3	27.9	1.1	20.0	37.9	1.2
TATI	1 250	29.4	32.9	1.7	30.9	47.2	1.4
TUTUME	1 400	32.9	31.8	1.6	29.1	32.0	1.1
FRANCISTOWN REGION	2 650	62.3	32.3	3.3	60.0	38.4	1.3
NGAMILAND WEST	100	2.4	12.5	0.2	3.6	18.2	2.0
NGAMILAND EAST		0.0	0.0	0.0	0.0	0.0	0.0
CHOBE		0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	100	2.4	8.7	0.2	3.6	16.7	2.0
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	4 250	99.9	30.5	5.4	98.2	38.6	1.3
TOTAL COMMERCIAL	5	0.1	100.0	0.1	1.8	100.0	20.0
T O T A L	4 255	100.0	30.5	5.5	100.0	39.0	1.3

TABLE-82 M I L L E T H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
.1 - 1.0	2 250	52.9	24.9	1.1	20.4	25.6	0.5
1.1 - 2.0	1 300	30.6	40.6	1.8	33.3	41.9	1.4
2.1 - 3.0	400	9.4	42.1	0.9	16.7	39.1	2.3
3.1+	300	7.1	40.0	1.6	29.6	51.6	5.3
TOTAL TRADITIONAL	4 250	100.0	30.5	5.4	100.0	38.6	1.3

TABLE-83 M I L L E T P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
BAROLONG	0	0.0	0	0	0
NGWAKETSE SOUTH	0	0.0	0	0	0
NGWAKETSE NORTH	5	1.4	33	50	50
SOUTHERN REGION	5	1.4	33	50	50
BAMALETE	0	0.0	0	0	0
KWENENG SOUTH	0	0.0	0	0	0
KWENENG NORTH	0	0.0	0	0	0
KGATLENG	50	13.7	125	71	56
GABORONE REGION	50	13.7	125	71	56
MAHALAPYE EAST	30	8.2	55	50	30
MAHALAPYE WEST	5	1.4	100	50	7
PALAPYE	10	2.7	100	100	33
SEROWE	0	0.0	0	0	0
BOBONONG	40	11.0	160	133	50
CENTRAL REGION	85	23.3	89	77	29
TATI	90	24.6	72	53	25
TUTUME	120	32.9	86	75	24
FRANCISTOWN REGION	210	57.5	79	64	24
NGAMILAND WEST	10	2.7	100	50	9
NGAMILAND EAST	0	0.0	0	0	0
CHOBE	0	0.0	0	0	0
MAUN REGION	10	2.7	100	50	8
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	360	98.6	85	67	26
TOTAL COMMERCIAL	5	1.4	1 000	50	50
T O T A L	365	100.0	86	66	26

TABLE-84 M I L L E T P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	135	37.5	60	123	31
1.1 - 2.0	140	38.9	108	78	33
2.1 - 3.0	30	8.3	75	33	13
3.1+	55	15.3	183	34	18
TOTAL TRADITIONAL	360	100.0	85	67	26

TABLE-85 BEANS/PULSES P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
			PURE	MIXED	TOTAL		
	NUMBER	PERCENTAGE	HECTARES ('000)			PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	100	0.4	0.0	0.1	0.1	0.6	1.0
NGWAKETSE SOUTH	750	2.7	0.1	0.4	0.5	3.1	0.7
NGWAKETSE NORTH	1 900	6.8	0.1	0.8	0.9	5.7	0.5
SOUTHERN REGION	2 750	9.9	0.2	1.3	1.5	9.4	0.6
BAMALETE	1 550	5.6	0.0	0.6	0.6	3.8	0.4
KWENENG SOUTH	3 300	11.8	0.0	1.8	1.8	113.1	0.6
KWENENG NORTH	1 700	6.1	0.0	1.0	1.0	6.3	0.6
KGATLENG	1 400	5.0	0.0	0.8	0.8	5.0	0.6
GABORONE REGION	7 950	28.5	0.0	4.2	4.2	26.4	0.5
MAHALAPYE EAST	2 200	7.9	0.0	1.0	1.0	6.3	0.5
MAHALAPYE WEST	1 600	5.7	0.3	0.8	1.1	6.9	0.7
PALAPYE	2 300	8.2	0.0	1.0	1.0	6.3	0.4
SEROWE	2 400	8.6	0.0	1.0	1.0	4.3	0.4
BOBONONG	1 900	6.8	0.2	1.2	1.4	8.8	0.7
CENTRAL REGION	10 400	37.2	0.5	5.0	5.5	34.6	0.5
TATI	3 400	12.2	0.0	1.7	1.7	10.7	0.5
TUTUME	2 500	8.9	0.0	1.5	1.5	9.4	0.6
FRANCISTOWN REGION	5 900	21.1	0.0	3.2	3.2	20.1	0.5
NGAMILAND WEST	200	0.7	0.0	0.1	0.1	0.6	0.5
NGAMILAND EAST	350	1.3	0.0	0.1	0.1	0.7	0.3
CHOBE	-	0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	550	2.0	0.0	0.2	0.2	1.3	0.4
GHANZI	200	0.7	0.0	0.1	0.1	0.6	0.5
KGALAGADI	100	0.4	0.0	0.2	0.2	1.3	2.0
WESTERN REGION	300	1.1	0.0	0.3	0.3	1.9	1.0
TOTAL TRADITIONAL	27 850	99.8	0.7	14.2	14.9	93.7	0.5
TOTAL COMMERCIAL	50	0.2	1.0	0.0	1.0	6.3	20.0
T O T A L	27 900	100.0	1.7	14.2	15.9	100.0	0.6

TABLE-86 BEANS/PULSES P L A N T E D :FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF BEANS/PULSES AREA PLANTED

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
0.1 - 1.0	23 800	85.5	7.9	53.3	0.3
1.1 - 2.0	3 200	11.5	4.3	28.7	1.3
2.1 - 3.0	500	1.8	1.2	8.0	2.4
3.1 - 4.0	30	0.1	0.1	0.7	3.3
4.1+	320	1.1	1.4	9.3	4.4
TOTAL TRADITIONAL	27 850	100.0	14.9	100.0	0.5

TABLE-87 BEANS/PULSES H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE SOUTH	150	4.8	20.0	0.2	6.9	40.0	1.3
NGWAKETSE NORTH	200	6.5	10.5	0.3	10.4	30.0	1.5
SOUTHERN REGION	350	11.3	12.7	0.5	17.3	31.3	1.4
BAMALETE		0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH	800	25.8	24.2	0.3	10.4	16.7	0.4
KWENENG NORTH		0.0	0.0	0.0	0.0	0.0	0.0
KGATLENG	400	12.9	28.6	0.3	10.3	37.5	0.8
GABORONE REGION	1 200	38.7	15.1	0.6	20.7	14.3	0.5
MAHALAPYE EAST	300	9.7	13.6	0.2	6.9	20.0	0.7
MAHALAPYE WEST	350	11.3	21.9	0.3	10.3	27.3	0.9
PALAPYE	200	6.5	8.7	0.1	3.4	10.0	0.5
SEROWE	250	8.1	10.4	0.1	3.5	10.0	0.4
BOBONONG	50	1.6	2.6	0.1	3.5	7.1	2.0
CENTRAL REGION	1 150	37.2	11.1	0.8	27.6	14.6	0.7
TATI	250	8.1	7.4	0.2	6.9	11.8	0.8
TUTUME	100	3.2	4.0	0.1	3.4	6.7	1.0
FRANCISTOWN REGION	350	11.3	5.9	0.3	10.3	9.4	0.9
NGAMILAND WEST		0.0	0.0	0.0	0.0	0.0	0.0
NGAMILAND EAST		0.0	0.0	0.0	0.0	0.0	0.0
CHOBE		0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION		0.0	0.0	0.0	0.0	0.0	0.0
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	3 050	98.5	11.0	2.2	75.9	14.7	0.7
TOTAL COMMERCIAL	45	1.5	90.0	0.7	24.1	70.0	15.6
T O T A L	3 095	100.0	11.1	2.9	100.0	18.2	0.9

TABLE-88 BEANS/PULSES H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF BEAN/PULSES AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
.1 - 1.0	2 500	82.0	10.5	1.2	54.5	15.0	0.5
1.1 - 2.0	450	14.8	14.1	0.7	31.8	16.3	1.6
2.1 - 3.0	40	1.3	8.0	0.1	4.5	8.3	2.5
3.1 - 4.0		0.0	0.0	0.0	0.0	0.0	0.0
4.1+	60	1.9	18.8	0.2	9.2	14.3	3.3
TOTAL TRADITIONAL	3 050	100.0	11.0	2.2	100.0	14.7	0.7

TABLE-89 BEANS/PULSES P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
BAROLONG	0	0.0	0	0	0
NGWAKETSE SOUTH	15	4.6	100	75	30
NGWAKETSE NORTH	25	7.7	125	83	25
SOUTHERN REGION	40	12.3	114	80	25
BAMALETE	0	0.0	0	0	0
KWENENG SOUTH	30	9.2	38	100	17
KWENENG NORTH	0	0.0	0	0	0
KGATLENG	20	6.2	50	67	25
GABORONE REGION	50	15.4	42	83	12
MAHALAPYE EAST	25	7.7	83	125	25
MAHALAPYE WEST	120	36.9	343	400	109
PALAPYE	10	3.1	50	100	10
SEROWE	15	4.6	60	150	15
BOBONONG	5	1.5	100	50	4
CENTRAL REGION	175	53.8	152	219	32
TATI	15	4.6	60	75	9
TUTUME	5	1.5	50	50	3
FRANCISTOWN REGION	20	6.2	57	67	6
NGAMILAND WEST	0	0.0	0	0	0
NGAMILAND EAST	0	0.0	0	0	0
CHOBE	0	0.0	0	0	0
MAUN REGION	0	0.0	0	0	0
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	285	87.7	93	130	19
TOTAL COMMERCIAL	40	12.3	889	57	40
T O T A L	325	100.0	105	112	20

TABLE-90 BEANS/PULSES P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF BEANS/PULSES AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	135	47.4	54	113	17
1.1 - 2.0	35	12.3	78	50	8
2.1 - 3.0	5	1.8	125	50	4
3.1 - 4.0	0	0.0	0	0	0
4.1+	110	38.5	1 833	550	79
TOTAL TRADITIONAL	285	100.0	93	130	19

TABLE-91 F O U R-C R O P S P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS
(SORGHUM, MAIZE, MILLET & BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
BAROLONG	1 100	1.9	6.7	2.3	6.1
NGWAKETSE SOUTH	2 100	3.6	12.4	4.3	5.9
NGWAKETSE NORTH	5 500	9.5	24.8	8.7	4.5
SOUTHERN REGION	8 700	15.1	43.9	15.3	5.1
BAMALETE	2 700	4.7	7.1	2.5	2.6
KWENENG SOUTH	550	9.5	28.2	9.8	5.1
KWENENG NORTH	2 400	4.2	12.1	4.2	5.0
KGATLENG	4 500	7.8	22.7	7.9	5.0
GABORONE REGION	15 100	26.2	70.1	24.4	4.6
MAHALAPYE EAST	3 500	6.1	20.9	7.3	6.0
MAHALAPYE WEST	3 100	5.4	18.6	6.5	6.0
PALAPYE	3 500	6.0	13.4	4.7	3.8
SEROWE	3 900	6.8	21.5	7.5	5.5
BOBONONG	4 000	6.9	20.3	7.1	5.1
CENTRAL REGION	18 000	31.2	94.7	33.1	5.3
TATI	5 400	9.4	23.2	8.1	4.3
TUTUME	5 400	9.3	24.0	8.4	4.4
FRANCISTOWN REGION	10 800	10.7	47.2	16.5	4.4
NGAMILAND WEST	1 900	3.3	3.6	1.3	1.9
NGAMILAND EAST	1 600	2.8	3.5	1.2	2.2
CHOBE	1 000	1.7	2.0	0.7	2.0
MAUN REGION	4 500	7.8	9.1	3.2	2.0
GHANZI	200	0.4	0.5	0.2	2.5
KGALAGADI	300	0.5	1.5	0.5	2.0
WESTERN REGION	500	0.9	2.0	0.7	4.0
TOTAL TRADITIONAL	57 600	99.7	267.0	93.2	4.6
TOTAL COMMERCIAL	150	0.3	19.6	6.8	130.7
T O T A L	57 750	100.0	286.6	100.0	5.0

TABLE-92 F O U R-C R O P S P L A N T E D :FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF FOUR CROPS AREA PLANTED
(SORGHUM, MAIZE, MILLET & BEANS/PULSES)

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
.1 - 1.0	4 300	7.5	3.0	1.1	0.7
1.1 - 2.0	8 700	15.1	13.9	5.2	1.6
2.1 - 3.0	11 500	20.0	28.8	10.8	2.5
3.1 - 4.0	8 400	14.6	29.4	11.0	3.5
4.1 - 5.0	5 400	9.4	24.3	9.1	4.5
5.1 - 6.0	4 500	7.8	24.8	9.3	5.5
6.1 - 7.0	4 200	7.3	27.3	10.2	6.5
7.1 - 10.0	5 500	9.5	45.6	17.1	8.3
10.1+	5 100	8.8	69.9	26.2	13.7
TOTAL TRADITIONAL	57 600	100.0	267.0	100.0	4.6

TABLE-93 F O U R-C R O P S H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS (SORGHUM, MAIZE, MILLET & BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	1 000	4.0	90.9	5.5	4.3	82.1	5.5
NGWAKETSE SOUTH	1 400	5.6	66.7	8.6	6.7	69.4	6.1
NGWAKETSE NORTH	2 500	10.0	45.5	14.3	11.2	57.7	5.7
SOUTHERN REGION	4 900	19.6	56.3	28.4	22.2	64.7	5.8
BAMALETE	1 600	6.4	59.3	4.0	3.1	56.3	2.5
KWENENG SOUTH	2 700	10.8	49.1	12.1	9.5	42.9	4.5
KWENENG NORTH	650	2.6	27.1	3.5	2.7	28.9	5.4
KGATLENG	3 000	12.0	66.7	15.1	11.8	66.5	5.0
GABORONE REGION	7 950	31.8	52.7	34.7	27.2	49.5	4.4
MAHALAPYE EAST	2 250	9.0	64.3	12.2	9.6	58.4	5.4
MAHALAPYE WEST	1 450	5.8	46.8	8.3	6.5	44.6	5.7
PALAPYE	2 450	9.8	70.0	9.0	7.0	67.2	3.7
SEROWE	1 000	4.0	25.6	4.1	3.2	19.1	4.1
BOBONONG	950	3.8	23.8	3.4	2.7	16.8	3.6
CENTRAL REGION	8 100	32.4	45.0	37.0	29.0	39.1	4.6
TATI	1 900	7.6	35.2	7.0	5.5	30.2	3.7
TUTUME	1 900	7.6	35.2	5.8	4.5	24.2	3.1
FRANCISTOWN REGION	3 800	15.2	35.2	12.8	10.0	27.1	3.4
NGAMILAND WEST	50	0.2	2.6	0.2	0.2	5.6	4.0
NGAMILAND EAST	50	0.2	3.1	0.2	0.1	5.7	4.0
CHOBE	50	0.2	5.0	0.1	0.1	5.0	2.0
MAUN REGION	150	0.6	3.3	0.5	0.4	5.5	3.3
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	24 900	99.6	43.2	113.4	88.8	42.5	4.6
TOTAL COMMERCIAL	115	0.4	76.7	14.3	11.2	73.0	124.4
T O T A L	25 015	100.0	43.3	127.7	100.0	44.6	5.1

TABLE-94 F O U R-C R O P S H A R V E S T E D :FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVEST -ED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF FOUR CROPS AREA PLANTED (SORGHUM, MAIZE, MILLET & BEANS/PULSES)

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
.1 - 1.0	400	1.6	9.3	0.2	0.2	6.7	0.5
1.1 - 2.0	1 550	6.2	17.8	1.8	1.6	13.0	1.2
2.1 - 3.0	4 550	18.3	39.6	8.0	7.1	27.8	1.8
3.1 - 4.0	3 800	15.3	45.2	9.5	8.4	32.3	2.5
4.1 - 5.0	2 750	11.0	50.9	9.3	8.2	38.3	3.4
5.1 - 6.0	2 850	11.4	63.3	12.4	10.9	50.0	4.4
6.1 - 7.0	2 300	9.2	54.8	11.5	10.1	42.1	5.0
7.1 - 10.0	3 650	14.7	66.4	24.1	21.2	52.9	6.6
10.1+	3 050	12.3	59.8	36.6	32.3	52.4	12.0
TOTAL TRADITIONAL	24 900	100.0	43.2	113.4	100.0	42.5	4.6

TABLE-95 F O U R-C R O P S P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS (SORGHUM, MAIZE, MILLET & BEANS/PULSES)

DISTRICTS/ REGIONS	TOTAL PRODUCTION METRIC TONS	TOTAL PRODUCTION PERCENTAGE	PRODUCION PER HARVESTED FARM KILOGRAMS	AVG. YIELD PER HECT. HARVESTED KILOGRAMS	AVG. YIELD PER HECT. PLANTED KILOGRAMS
TRADITIONAL					
BAROLONG	1 080	4.9	1 080	196	161
NGWAKETSE SOUTH	1 785	8.1	1 275	208	144
NGWAKETSE NORTH	2 340	10.6	936	164	94
SOUTHERN REGION	5 205	23.6	1 062	183	119
BAMALETE	420	1.9	263	105	59
KWENENG SOUTH	740	3.4	274	61	26
KWENENG NORTH	210	1.0	323	60	17
KGATLENG	1 580	7.2	527	105	70
GABORONE REGION	2 950	13.4	371	85	42
MAHALAPYE EAST	1 055	4.8	469	86	50
MAHALAPYE WEST	940	4.3	648	113	51
PALAPYE	550	2.5	224	61	41
SEROWE	255	1.2	255	62	12
BOBONONG	275	1.2	289	81	14
CENTRAL REGION	3 075	14.0	380	83	32
TATI	420	1.9	221	60	18
TUTUME	315	1.4	166	54	13
FRANCISTOWN REGION	735	3.3	193	57	16
NGAMILAND WEST	10	9.1	200	50	3
NGAMILAND EAST	10	9.1	200	50	3
CHOBE	10	9.1	200	100	5
MAUN REGION	30	0.2	200	60	3
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	11 995	54.5	482	106	45
TOTAL COMMERCIAL	10 000	45.5	86 957	699	510
T O T A L	21 995	100.0	879	172	77

TABLE-96 F O U R-C R O P S P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF FOUR CROPS AREA PLANTED (SORGHUM, MAIZE, MILLET & BEANS/PULSES)

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	80	0.7	200	400	27
1.1 - 2.0	195	1.6	126	108	14
2.1 - 3.0	845	7.0	186	106	29
3.1 - 4.0	1 000	8.3	263	105	34
4.1 - 5.0	980	8.2	356	105	40
5.1 - 6.0	1 315	11.0	461	106	53
6.1 - 7.0	1 200	10.0	522	104	44
7.1 - 10.0	2 550	21.3	699	106	56
10.1+	3 830	31.9	1 256	105	55
TOTAL TRADITIONAL	11 995	100.0	482	106	45

TABLE-97 G R O U N D N U T S : FARMS, AREA PLANTED AND HARVESTED, PRODUCTION AND AVERAGE PRODUCTION BY REGIONS

REGIONS	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVG. YIELD PER HECT. PLANTED	AVG. YIELD PER HECT. HARVESTED
	NUMBER	HECTARES (000)	HECTARES (000)	METRIC TONS	KILOGRAMS	KILOGRAMS
TRADITIONAL						
SOUTHERN REGION	50	0.1	0.0			
GABORONE REGION		0.0	0.0			
CENTRAL REGION	200	0.4	0.0			
FRANCISTOWN REGION	1 900	0.9	0.0			
MAUN REGION	100	0.1	0.0			
WESTERN REGION		0.0	0.0			
TOTAL TRADITIONAL	2 250	1.5	0.0			
TOTAL COMMERCIAL	10	0.4	0.4	60	150	150
T O T A L	2 260	1.9	0.4	60	33	150

TABLE-98 S U N-F L O W E R : : FARMS, AREA PLANTED AND HARVESTED, PRODUCTION AND AVERAGE PRODUCTION BY REGIONS

REGIONS	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVG. YIELD PER HECT. PLANTED	AVG. YIELD PER HECT. HARVESTED
	NUMBER	HECTARES (000)	HECTARES (000)	METRIC TONS	KILOGRAMS	KILOGRAMS
TRADITIONAL						
SOUTHERN REGION	50	0.2	0.2	25	125	125
GABORONE REGION		0.0	0.0			
CENTRAL REGION	50	0.1	0.0			
FRANCISTOWN REGID	50	0.1	0.0			
MAUN REGION		0.0	0.0			
WESTERN REGION		0.0	0.0			
TOTAL TRADITIONAL	150	0.4	0.2	25	63	125
TOTAL COMMERCIAL	15	0.2	0.2	80	400	400
T O T A L	165	0.6	0.4	105	175	263

Farm Practices

TABLE- 99 S O R G H U M S E E D P L A N T E D : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS(000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	27.7	6.0	33.7	6.0	5.5	5.9
NGWAKETSE SOUTH	57.4	20.0	77.4	7.2	8.3	7.4
NGWAKETSE NORTH	110.8	75.2	186.0	8.7	9.5	9.0
SOUTHERN REGION	195.9	101.2	297.1	7.7	8.9	8.1
BAMALETE	26.1	49.9	76.0	11.4	13.9	12.9
KWENENG SOUTH	25.8	188.4	214.2	8.9	10.3	10.1
KWENENG NORTH	19.9	74.4	94.3	7.4	11.3	10.1
KGATLENG	79.3	85.3	164.6	8.6	8.8	8.7
GABORONE REGION	151.1	398.0	549.1	8.8	10.4	9.9
MAHALAPYE EAST	25.8	117.3	143.1	7.4	8.8	8.5
MAHALAPYE WEST	35.0	72.5	107.5	5.9	8.3	7.4
PALAPYE	28.4	105.6	134.0	10.5	14.7	13.5
SEROWE	36.4	119.8	156.2	6.2	13.5	10.6
BOBONONG	45.6	90.9	136.5	7.7	9.3	8.7
CENTRAL REGION	171.2	506.1	677.3	7.2	10.5	9.4
TATI	12.5	106.4	118.9	3.7	11.2	9.2
TUTUME	8.7	91.4	100.1	5.4	8.5	8.1
FRANCISTOWN REGION	21.2	197.8	219.0	4.2	9.8	8.7
NGAMILAND WEST	5.6	8.9	14.5	5.6	9.9	7.6
NGAMILAND EAST	4.9	19.8	24.7	9.8	15.2	13.7
CHOBE	0.0	15.0	15.0	0.0	16.7	16.7
MAUN REGION	10.5	43.7	54.2	7.0	14.1	11.8
GHANZI	0.0	2.1	2.1	0.0	21.0	21.0
KGALAGADI	0.0	7.3	7.3	0.0	9.1	9.1
WESTERN REGION	0.0	9.4	9.4	0.0	10.4	10.4
TOTAL TRADITIONAL	549.9	1256.2	1806.1	7.5	10.3	9.3

TABLE- 100 M A I Z E S E E D P L A N T E D : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS(000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	1.0	3.4	4.4	5.0	4.9	4.9
NGWAKETSE SOUTH	6.0	7.2	13.2	8.6	9.0	8.8
NGWAKETSE NORTH	12.4	26.6	39.0	17.7	11.6	13.0
SOUTHERN REGION	19.4	37.2	56.6	12.1	9.8	10.5
BAMALETE	0.5	6.7	7.2	5.0	13.4	12.0
KWENENG SOUTH	0.0	51.2	51.2	0.0	10.2	10.2
KWENENG NORTH	0.6	17.5	18.1	6.0	10.9	10.7
KGATLENG	3.4	14.6	18.0	11.3	8.1	8.6
GABORONE REGION	4.5	90.0	94.5	9.0	10.1	10.1
MAHALAPYE EAST	2.6	14.9	17.5	8.7	8.8	8.8
MAHALAPYE WEST	5.8	18.1	23.9	14.5	10.1	10.9
PALAPYE	0.0	31.3	31.3	0.0	14.2	14.2
SEROWE	12.3	43.5	55.8	5.1	13.6	10.0
BOBONONG	0.7	21.1	21.8	7.0	9.2	9.1
CENTRAL REGION	21.4	128.9	150.3	6.7	11.5	10.4
TATI	1.4	50.5	51.9	2.0	11.7	10.4
TUTUME	0.6	52.9	53.5	6.0	10.4	10.3
FRANCISTOWN REGION	2.0	103.4	105.4	2.5	11.0	10.3
NGAMILAND WEST	2.4	4.3	6.7	12.0	14.3	13.4
NGAMILAND EAST	2.3	15.9	18.2	11.5	12.2	12.1
CHOBE	1.0	17.3	18.3	10.0	17.3	16.6
MAUN REGION	5.7	37.5	43.2	11.4	14.4	13.9
GHANZI	0.0	6.3	6.3	0.0	21.0	21.0
KGALAGADI	0.0	7.8	7.8	0.0	15.6	15.6
WESTERN REGION	0.0	14.1	14.1	0.0	17.6	17.6
TOTAL TRADITIONAL	53.0	411.1	464.1	8.0	11.2	10.7

TABLE- 101 M I L L E T S E E D P L A N T E D : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS(000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE SOUTH	0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE NORTH	0.0	0.6	0.6	0.0	6.0	6.0
SOUTHERN REGION	0.0	0.6	0.6	0.0	6.0	6.0
BAMALETE	0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH	0.0	2.4	2.4	0.0	12.0	12.0
KWENENG NORTH	0.0	0.3	0.3	0.0	3.0	3.0
KGATLENG	4.0	3.9	7.9	10.4	7.8	8.8
GABORONE REGION	4.0	6.6	10.6	10.0	8.3	8.8
MAHALAPYE EAST	0.2	7.1	7.3	2.0	7.9	7.3
MAHALAPYE WEST	0.0	3.0	3.0	0.0	4.3	4.3
PALAPYE	0.0	5.4	5.4	0.0	18.0	18.0
SOROWE	0.0	2.1	2.1	0.0	21.0	21.0
BOBONONG	1.2	5.2	6.4	6.0	8.7	8.0
CENTRAL REGION	1.4	22.8	24.2	4.7	8.8	8.3
TATI	1.3	38.7	40.0	2.2	12.9	11.1
TUTUME	2.5	42.9	45.4	5.0	9.5	9.1
FRANCISTOWN REGION	3.8	81.6	85.4	3.5	10.9	9.9
NGAMILAND WEST	4.3	3.5	7.8	6.1	8.8	7.1
NGAMILAND EAST	0.0	2.5	2.5	0.0	25.0	25.0
CHOBE	0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	4.3	6.0	10.3	6.1	12.0	8.6
GHANZI	0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI	0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	13.5	117.6	131.1	5.4	10.2	9.4

TABLE- 102 BEANS/PULSES S E E D P L A N T E D : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS(000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	0.0	0.4	0.4	0.0	4.0	4.0
NGWAKETSE SOUTH	1.4	3.4	4.8	14.0	8.5	9.6
NGWAKETSE NORTH	0.4	10.9	11.3	4.0	13.6	12.6
SOUTHERN REGION	1.8	14.7	16.5	9.0	11.3	11.3
BAMALETE	0.0	7.1	7.1	0.0	11.8	11.8
KWENENG SOUTH	0.0	21.5	21.5	0.0	11.9	11.9
KWENENG NORTH	0.0	9.6	9.6	0.0	9.6	9.6
KGATLENG	0.0	10.9	10.9	0.0	13.6	13.6
GABORONE REGION	0.0	49.1	49.1	0.0	11.7	11.7
MAHALAPYE EAST	0.0	8.8	8.8	0.0	8.8	8.8
MAHALAPYE WEST	2.1	7.9	10.0	7.0	9.9	9.1
PALAPYE	0.0	25.3	25.3	0.0	25.3	25.3
SEROWE	0.0	13.8	13.8	0.0	13.8	13.8
BOBONONG	0.8	10.4	11.2	4.0	8.7	8.0
CENTRAL REGION	2.9	66.2	69.1	5.8	13.2	12.6
TATI	0.0	20.8	20.8	0.0	12.2	12.2
TUTUME	0.0	14.2	14.2	0.0	9.5	9.5
FRANCISTOWN REGION	0.0	35.0	35.0	0.0	10.9	10.9
NGAMILAND WEST	0.0	0.6	0.6	0.0	6.0	6.0
NGAMILAND EAST	0.0	4.3	4.3	0.0	43.0	43.0
CHOBE	0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	0.0	4.9	4.9	0.0	24.5	24.5
GHANZI	0.0	2.6	2.6	0.0	26.0	26.0
KGALAGADI	0.0	3.0	3.0	0.0	15.0	15.0
WESTERN REGION	0.0	5.6	5.6	0.0	18.7	18.7
TOTAL TRADITIONAL	4.7	175.5	180.2	6.7	12.4	12.1

TABLE-103 M O N T H O F F I R S T P L O W I N G/ P L A N T I N G : CROP FARMS BY DISTRICTS AND REGIONS.

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
			— NUMBER —				
TRADITIONAL							
BAROLONG	50	150	350	400	150		1 100
NGWAKETSE SOUTH	50		550	1 050	300	150	2 100
NGWAKETSE NORTH	50	150	1 550	2 500	1 000	250	5 500
SOUTHERN REGION	150	300	2 450	3 950	1 450	400	8 700
BAMALETE		50	300	1 700	650		2 700
KWENENG SOUTH			1 250	2 850	1 250	150	5 500
KWENENG NORTH		50	600	1 100	600	50	2 400
KGATLENG	50	50	1 200	2 450	600	150	4 500
GABORONE REGION	50	150	3 350	8 100	3 100	350	15 100
MAHALAPYE EAST	50	350	1 200	1 150	700	50	3 500
MAHALAPYE WEST	50	150	300	1 550	950	100	3 100
PALAPYE	50	100	550	1 000	1 500	300	3 500
SEROWE	50		900	1 700	1 100	150	3 900
BOBONONG	50	350	1 750	1 300	650		4 100
CENTRAL REGION	250	950	4 700	6 700	4 900	600	18 100
TATI		400	2 050	2 350	550	50	5 400
TUTUME	150	300	1 900	2 600	450		5 400
FRANCISTOWN REGION	150	700	3 950	4 950	1 000	50	10 800
NGAMILAND WEST	50	50	250	400	950	200	1 900
NGAMILAND EAST		50	250	800	500		1 600
CHOBE				150	600	250	1 000
MAUN REGION	50	100	500	1 350	2 050	450	4 500
GHANZI				50	150		200
KGALAGADI				100	150	50	300
WESTERN REGION				150	300	50	500
TOTAL TRADITIONAL	650	2 200	14 950	25 200	12 800	1 900	57 700

TABLE-104 M O N T H O F F I R S T P L O W I N G/ P L A N T I N G : CROP FARMS BY DISTRICTS AND REGIONS.

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
			- PERCENTAGE -				
TRADITIONAL							
BAROLONG	4.6	13.6	31.8	36.4	13.6	0.0	100.0
NGWAKETSE SOUTH	2.4	0.0	26.2	50.0	14.3	7.1	100.0
NGWAKETSE NORTH	0.9	2.7	28.2	45.5	18.2	4.5	100.0
SOUTHERN REGION	1.7	3.4	28.2	45.4	16.7	4.6	100.0
BAMALETE	0.0	1.8	11.1	63.0	24.1	0.0	100.0
KWENENG SOUTH	0.0	0.0	22.7	51.8	22.7	2.8	100.0
KWENENG NORTH	0.0	2.1	25.0	45.8	25.0	2.1	100.0
KGATLENG	1.1	1.1	26.7	54.4	13.3	3.4	100.0
GABORONE REGION	0.4	0.9	22.2	53.7	20.5	2.3	100.0
MAHALAPYE EAST	1.4	10.0	34.3	32.9	20.0	1.4	100.0
MAHALAPYE WEST	1.6	4.8	9.7	50.0	30.7	3.2	100.0
PALAPYE	1.4	2.9	15.7	28.6	42.9	8.5	100.0
SEROWE	1.3	0.0	23.1	43.5	28.2	3.9	100.0
BOBONONG	1.2	8.5	42.7	31.7	15.9	0.0	100.0
CENTRAL REGION	1.4	5.3	25.9	37.0	27.1	3.3	100.0
TATI	0.0	7.4	38.0	43.5	10.2	0.9	100.0
TUTUME	2.8	5.6	35.2	48.1	8.3	0.0	100.0
FRANCISTOWN REGION	1.4	6.5	36.5	45.8	9.3	0.5	100.0
NGAMILAND WEST	2.6	2.6	13.2	21.1	50.0	10.5	100.0
NGAMILAND EAST	0.0	3.1	15.6	50.0	31.3	0.0	100.0
CHOBE	0.0	0.0	0.0	15.0	60.0	25.0	100.0
MAUN REGION	1.1	2.2	11.1	30.0	45.6	10.0	100.0
GHANZI	0.0	0.0	0.0	25.0	75.0	0.0	100.0
KGALAGADI	0.0	0.0	0.0	33.3	50.0	16.7	100.0
WESTERN REGION	0.0	0.0	0.0	30.0	60.0	10.0	100.0
T O T A L	1.1	3.8	25.9	43.7	22.2	3.3	100.0

TABLE- 105 D R A F T P O W E R USED TO P L O U G H F I E L D S : CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/MULES	TRACTORS	TRACTORS AND ANIMALS	OTHERS	TOTAL
			- NUMBER -				
TRADITIONAL							
BAROLONG	150	50	50	800	50		1 100
NGWAKETSE SOUTH	400	600		1 050	50		2 100
NGWAKETSE NORTH	3 150	450	200	1 650	50		5 500
SOUTHERN REGION	3 700	1 100	250	3 500	150		8 700
BAMALETE	150	650	100	1 800			2 700
KWENENG SOUTH	3 000	650	250	1 500	100		5 500
KWENENG NORTH	1 350	150	50	800	50		2 400
KGATLENG	250	400	100	3 600	150		4 500
GABORONE REGION	4 750	1 850	500	7 700	300		15 100
MAHALAPYE EAST	800	800		1 800			2 700
MAHALAPYE WEST	100	150	50	2 800			3 100
PALAPYE	900	400	500	1 600	100		3 500
SEROWE	1 250	150	50	2 450			3 900
BOBONONG	500	2 850	350	350	50		4 100
CENTRAL REGION	3 550	4 350	950	9 000	250	18 100	
TATI	2 700	750	950	100			5 400
TUTUME	4 500	150	150	450	100	50	5 400
FRANCISTOWN REGION	7 200	900	1 100	1 450	100	50	10 800
NGAMILAND WEST	1 400	150		100		250	1 900
NGAMILAND EAST	500	500		550		50	1 600
CHOBE	550	300		150			1 000
MAUN REGION	2 450	950		800		300	4 500
GHANZI	50	50	50	50			200
KGALAGADI	100	100		100			300
WESTERN REGION	150	150	50	150			500
TOTAL TRADITIONAL	21 800	9 300	2 850	22 600	800	350	57 700

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/MULES	TRACTORS	TRACTORS AND ANIMALS	OTHERS	TOTAL
			- PERCENTAGE -				
TRADITIONAL							
BAROLONG	13.6	4.6	4.6	72.7	4.5	0.0	100.0
NGWAKETSE SOUTH	19.1	28.5	0.0	50.0	2.4	0.0	100.0
NGWAKETSE NORTH	57.3	8.2	3.6	30.0	0.9	0.0	100.0
SOUTHERN REGION	42.5	12.7	2.9	40.2	1.7	0.0	100.0
BAMALETE	5.6	24.0	3.7	66.7	0.0	0.0	100.0
KWENENG SOUTH	54.5	11.8	4.6	27.3	1.8	0.0	100.0
KWENENG NORTH	53.6	6.3	2.1	33.3	2.0	0.0	100.0
KGATLENG	5.6	8.9	2.2	80.0	3.3	0.0	100.0
GABORONE REGION	31.5	12.3	3.3	50.9	2.0	0.0	100.0
MAHALAPYE EAST	22.8	22.9	0.0	51.4	2.9	0.0	100.0
MAHALAPYE WEST	3.3	4.8	1.6	90.3	0.0	0.0	100.0
PALAPYE	25.7	11.4	14.3	45.7	2.9	0.0	100.0
SEROWE	32.1	3.9	1.2	62.8	0.0	0.0	100.0
BOBONONG	12.2	69.5	8.6	8.5	1.2	0.0	100.0
CENTRAL REGION	19.6	24.0	5.3	49.7	1.4	0.0	100.0
TATI	50.0	13.9	17.6	18.5	0.0	0.0	100.0
TUTUME	83.3	2.8	2.8	8.3	1.9	0.9	100.0
FRANCISTOWN REGION	66.7	8.3	10.2	13.4	0.9	0.5	100.0
NGAMILAND WEST	73.6	7.9	0.0	5.3	0.0	13.2	100.0
NGAMILAND EAST	31.3	31.3	0.0	34.3	0.0	3.1	100.0
CHOBE	55.0	30.0	0.0	15.0	0.0	0.0	100.0
MAUN REGION	54.4	21.1	0.0	17.8	0.0	6.7	100.0
GHANZI	25.0	25.0	25.0	25.0	0.0	0.0	100.0
KGALAGADI	33.3	33.3	0.0	33.4	0.0	0.0	100.0
WESTERN REGION	30.0	30.0	10.0	30.0	0.0	0.0	100.0
TOTAL REGION	37.8	16.1	4.9	39.2	1.4	0.6	100.0

TABLE-107 D R A F T-O W N E R S H I P : CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
			- NUMBER -			
TRADITIONAL						
BAROLONG	100		850		150	1 100
NGWAKETSE SOUTH	900		1 050	100	50	2 100
NGWAKETSE NORTH	1 350	100	3 100	700	250	5 500
SOUTHERN REGION	2 350	100	5 000	800	450	8 700
BAMALETE	600		2 000	100		2 700
KWENENG SOUTH	1 950	150	2 500	750	150	5 500
KWENENG NORTH	600	50	1 100	400	250	2 400
KGATLENG	350	800	3 300		50	4 500
GABORONE REGION	3 500	1 000	8 900	1 250	450	15 100
MAHALAPYE EAST	900	100	2 300	150	50	3 500
MAHALAPYE WEST	200	150	2 600		150	3 100
PALAPYE	900	300	1 800	500		3 500
SEROWE	900	150	2 700	100	50	3 900
BOBONONG	2 750	50	550	400	350	4 100
CENTRAL REGION	5 650	750	9 950	1 150	600	18 100
TATI	1 850		1 550	950	1 050	5 400
TUTUME	3 000		550	1 450	400	5 400
FRANCISTOWN REGION	4 850		2 100	2 400	1 450	10 800
NGAMILAND WEST	1 000	50	300	500	50	1 900
NGAMILAND EAST	450		750	200	200	1 600
CHOBE	150		400	450		1 000
MAUN REGION	1 600	50	1 450	1 150	250	4 500
GHANZI	150			50		200
KGALAGADI	200		100			300
WESTERN REGION	350		100	50		500
TOTAL TRADITIONAL	18 300	1 900	27 500	6 800	3 200	57 700

TABLE-108 D R A F T-O W N E R S H I P : CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
			- PERCENTAGE -			
TRADITIONAL						
BAROLONG	9.1	0.0	77.3	0.0	13.6	100.0
NGWAKETSE SOUTH	42.8	0.0	50.0	4.8	2.4	100.0
NGWAKETSE NORTH	24.5	1.8	56.4	12.7	4.6	100.0
SOUTHERN REGION	27.0	1.1	57.5	9.2	5.2	100.0
BAMALETE	22.2	0.0	74.1	3.7	0.0	100.0
KWENENG SOUTH	35.5	2.7	45.5	13.6	2.7	100.0
KWENENG NORTH	25.0	2.1	45.8	16.7	10.4	100.0
KGATLENG	7.8	17.8	73.3	0.0	1.1	100.0
GABORONE REGION	23.2	6.6	58.9	8.3	3.0	100.0
MAHALAPYE EAST	25.7	2.9	65.7	4.3	1.4	100.0
MAHALAPYE WEST	6.5	4.8	83.9	0.0	4.8	100.0
PALAPYE	25.7	8.6	51.4	14.3	0.0	100.0
SEROWE	23.0	3.9	69.2	2.6	1.3	100.0
BOBONONG	67.1	1.2	13.4	9.8	8.5	100.0
CENTRAL REGION	31.3	4.1	54.9	6.4	3.3	100.0
TATI	34.3	0.0	28.7	17.6	19.4	100.0
TUTUME	55.6	0.0	10.1	26.9	7.4	100.0
FRANCISTOWN REGION	44.9	0.0	19.5	22.2	13.4	100.0
NGAMILAND WEST	52.6	2.6	15.8	26.3	2.7	100.0
NGAMILAND EAST	28.1	0.0	46.9	12.5	125.0	100.0
CHOBE	15.0	0.0	40.0	45.0	0.0	100.0
MAUN REGION	35.6	1.1	32.2	25.6	5.5	100.0
GHANZI	75.0	0.0	0.0	25.0	0.0	100.0
KGALAGADI	66.7	0.0	33.3	0.0	0.0	100.0
WESTERN REGION	70.0	0.0	20.0	10.0	0.0	100.0
T O T A L	31.7	3.3	47.6	11.8	5.6	100.0

TABLE-109 D R A F T-O W N E R S H I P : CROP FARMS BY TYPE OF DRAFT.

DRAFT POWER	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
			- NUMBER -			
OXEN AND/OR OTHER CATTLE	9 750	450	5 450	5 050	1 100	21 800
DONKEYS/MULES	6 100	300	1 500	1 150	250	9 300
CATTLE AND DONKEYS/MULES	250	250	650	100	1 600	2 850
TRACTORS	1 800	700	19 700	350	50	22 600
TRACTORS AND ANIMALS	350		200	100	150	800
OTHERS	50	200		50	50	350
T O T A L	18 300	1 900	27 500	6 800	3 200	57 700

DRAFT POWER	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
			- NUMBER -		
OXEN AND OTHER CATTLE	20 900	400	250	250	21 800
DONKEYS/MULES		400	150	50	9 300
CATTLE AND DONKEYS/MULES	2 400	300	150		2 850
TRACTORS	16 700	4 250	1 350	300	22 600
TRACTORS AND ANIMALS	100	450	150	100	800
OTHERS			50	300	350
T O T A L	48 800	5 800	2 100	1 000	57 700

TABLE-111 C A T T L E D R A F T P O W E R B Y REGIONS :

	CATTLE DRAFT FARM	POWER TOTAL CATTLE	RATIO OF DRAFT CATTLE TO TOTAL CROP FARMS	RATIO OF DRAFT CATTLE TO TOTAL CATTLE	AVG. SIZE OF CATTLE USED FOR PLOUGHING
	------ -- (NUMBER) -------		------- PERCENTAGE ---------		(NUMBER)
TRADITIONAL					
SOUTHERN REGION	3 900	27 300	44.8	11.4	7.0
GABORONE REGION	4 600	28 700	30.5	11.0	6.2
CENTRAL REGION	3 700	25 100	20.4	3.4	6.8
FRANCISTOWN REGION	7 100	38 600	65.7	13.6	5.4
MAUN REGION	2 200	9 200	48.9	3.5	4.2
WESTERN REGION	50	200	10.0	0.3	4.0
TOTAL TRADITIONAL	21 550	129 100	44.2	6.9	6.0

TABLE-112 P L A N T I N G M E T H O D CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
			— NUMBER —		
TRADITIONAL					
BAROLONG	100	950	50		1 100
NGWAKETSE SOUTH	850	1 150	100		2 100
NGWAKETSE NORTH	3 800	1 300	400		5 500
SOUTHERN REGION	4 750	3 400	550		8 700
BAMALETE	2 300	250	150		2 700
KWENENG SOUTH	5 200	250	50		5 500
KWENENG NORTH	2 300	100			2 400
KGATLENG	3 800	500	200		4 500
GABORONE REGION	13 600	1 100	400		15 100
MAHALAPYE EAST	3 250	50	200		3 500
MAHALAPYE WEST	2 400	500	200		3 100
PALAPYE	3 300	200			3 500
SEROWE	3 700		200	3 900	
BOBONONG	4 000	100			4 100
CENTRAL REGION	16 650	850	600		18 100
TATI	5 000	300	100		5 400
TUTUME	5 200	100	100		5 400
FRANCISTOWN REGION	10 200	400	200		10 800
NGAMILAND WEST	1 500			400	1 900
NGAMILAND EAST	1 300			300	1 600
CHOBE	500		300	200	1 000
MAUN REGION	3 300		300	900	4 500
GHANZI	150		50		200
KGALAGADI	150	50		100	300
WESTERN REGION	300	50	50	100	500
T O T A L	48 800	5 800	2 100	1 000	57 700

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
			- PERCENTAGE -		
TRADITIONAL					
BAROLONG	9.1	86.4	4.5	0.0	100.0
NGWAKETSE SOUTH	40.5	54.8	4.7	0.0	100.0
NGWAKETSE NORTH	69.1	23.6	7.3	0.0	100.0
SOUTHERN REGION	54.6	39.1	6.3	0.0	100.0
BAMALETE	85.2	9.3	5.5	0.0	100.0
KWENENG SOUTH	94.5	4.6	0.9	0.0	100.0
KWENENG NORTH	95.8	4.2	0.0	0.0	100.0
KGATLENG	84.4	11.1	4.5	0.0	100.0
GABORONE REGION	90.1	7.3	2.6	0.0	100.0
MAHALAPYE EAST	92.9	1.4	5.7	0.0	100.0
MAHALAPYE WEST	77.4	16.1	6.5	0.0	100.0
PALAPYE	94.3	5.7	0.0	0.0	100.0
SEROWE	94.9	0.0	5.1	0.0	100.0
BOBONONG	97.6	2.4	0.0	0.0	100.0
CENTRAL REGION	92.0	4.7	3.3	0.0	100.0
TATI	92.6	5.6	1.8	0.0	100.0
TUTUME	96.3	1.8	1.9	0.0	100.0
FRANCISTOWN REGION	94.4	3.7	1.9	0.0	100.0
NGAMILAND WEST	79.0	0.0	0.0	21.0	100.0
NGAMILAND EAST	81.2	0.0	0.0	18.8	100.0
CHOBE	50.0	0.0	30.0	20.0	100.0
MAUN REGION	73.3	0.0	6.7	20.0	100.0
GHANZI	75.0	0.0	25.0	0.0	100.0
KGALAGADI	50.0	16.7	0.0	33.3	100.0
WESTERN REGION	60.0	10.0	10.0	20.0	100.0
T O T A L	84.6	10.1	3.6	1.7	100.0

TABLE-114 F A R M E Q U I P M E N T S/M A C H I N E R Y : NUMBER OF IMPLEMENTS BY REGIONS

	TRACTOR	HARROW	PLOUGH SINGLE	PLOUGH DOUBLE	PLANTER SINGLE	PLANTER DOUBLE	CULT--IVATOR	HOE
			---- (NUMBER) ----					
TRADITIONAL								
SOUTHERN REGION	400	1 000	8 000	5 000	2 200	3 300	1 000	15 000
GABORONE REGION	1 100	1 100	12 000	8 600	300	1 000	800	25 000
CENTRAL REGION	600	1 400	1 600	9 100	1 300	1 000	700	36 000
FRANCISTOWN REGION	500	300	11 000	2 200	600	300	500	15 000
MAUN REGION	50	300	5 700	400	500	200	200	9 000
WESTERN REGION	50	50	700	100	50	100		1 200
TOTAL TRADITIONAL	2 700	4 150	53 400	25 400	4 950	5 900	3 200	101 200
TOTAL COMMERCIAL	450	200	150	350	100	250	300	800
TOTAL	3 150	4 350	53 550	25 750	5 050	6 150	3 300	102 000

TABLE-115 F E N C I N G U S E D: CROP FARMS USING FENCE AND KIND OF FENCE BY REGIONS

REGIONS	-- CROP FARMS TOTAL (NUMBERS)	USING FENCES --- RATIO TO TOTAL CROP FARMS(%)	---- KIND OF FENCE USED ----- BRUSH	WIRE ----(NUMBER)-----	BOTH
TRADITIONAL					
SOUTHERN REGION	4 700	54.0	2 500	2 100	100
GABORONE REGION	7 300	48.3	4 900	2 000	400
CENTRAL REGION	14 100	77.9	6 700	7 100	300
FRANCISTOWN REGI	6 700	62.0	2 900	3 800	0
MAUN REGION	3 600	80.0	2 000	1 400	200
WESTERN REGION	500	100.0	300	100	100
TOTAL TRADITIONAL	36 900	64.0	19 300	16 500	

TABLE-116 F E R T I L I Z E R U S A G E : CROP FARMS BY USE AND TYPE OF FERTILIZER BY REGIONS

	CHEMICAL	MANURE	BOTH	TOTAL	RATIO OF CROP FARMS USING FERTILIZER TO TOTAL CROP FARMS
		- NUMBER -		NUMBER	PERCENTAGE
TRADITIONAL					
SOUTHERN	2 500	400	150	3 050	35.1
GABORONE	2 250	600	150	3 000	19.9
CENTRAL	2 300	200	200	2 700	14.9
FRANCISTOWN	500	600	200	1 300	12.0
MAUN	50		50	100	2.2
WESTERN	50			50	10.0
TOTAL TRADITIONAL	7 650	1 800	750	10 200	17.7
TOTAL COMMERCIAL	115	10	15	140	93.3
T O T A L	7 765	1 810	765	10 340	17.9

TABLE-118 D I S P O S A L O F F O U R-C R O P S PRODUCTION (SORGHUM, MAIZE, MILLET, BEANS & PULSES): TOTAL PRODUCTION, CONSUMED, STORED AND SALES BY REGIONS

	PRODUCTION			
	TOTAL	CONSUMED	INSTORE	SALES
	(METRIC TONS)			
TRADITIONAL				
SOUTHERN REGION	5 205	460	3 030	1 715
GABORONE REGION	2 950	630	2 180	140
CENTRAL REGION	3 075	890	1 610	575
FRANCISTOWN REGION	735	360	244	131
MAUN REGION	30	15	15	
WESTERN REGION				
TOTAL TRADITIONAL	11 995	2 355	7 079	2 561

TABLE-119 L A B O U R : FAMILY, HIRED AND TOTAL USED FOR PLOWING/PLANTING BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FAMILY LABOUR		HIRED LABOUR		TOTAL LABOUR	
	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM
TRADITIONAL						
BAROLONG	1 500	1.4	2 000	1.8	3 500	3.2
NGWAKETSE SOUTH	4 800	2.3	3 000	1.4	7 800	3.7
NGWAKETSE NORTH	15 500	2.8	10 800	2.6	26 300	4.8
SOUTHERN REGION	21 800	2.5	15 800	1.8	37 600	4.3
BAMALETE	4 700	1.7	4 500	1.7	9 200	3.4
KWENENG SOUTH	15 000	2.7	7 700	1.4	22 700	4.1
KWENENG NORTH	6 700	2.8	3 500	1.5	10 200	4.3
KGATLENG	1 000	2.2	7 900	1.8	17 900	4.0
GABORONE REGION	36 400	2.4	23 600	1.6	60 000	4.0
MAHALAPYE EAST	8 400	2.4	5 800	1.7	14 200	4.1
MAHALAPYE WEST	6 900	2.2	7 300	2.4	14 200	4.6
PALAPYE	10 700	3.1	6 000	1.7	16 700	4.8
SEROWE	11 000	2.8	7 900	2.0	18 900	4.8
BOBONONG	12 500	3.0	2 800	0.7	15 300	3.7
CENTRAL REGION	49 500	2.7	29 800	1.6	79 300	4.4
TATI	16 000	3.0	7 200	1.3	23 200	4.3
TUTUME	17 000	3.1	3 200	0.6	20 200	3.7
FRANCISTOWN REGION	33 000	3.1	10 400	1.0	43 400	4.0
NGAMILAND WEST	4 300	2.3	1 500	0.8	5 800	3.1
NGAMILAND EAST	4 000	2.5	2 800	1.8	6 800	4.3
CHOBE	2 800	2.8	600	0.6	3 400	3.4
MAUN REGION	11 100	2.5	4 900	1.1	16 000	3.6
GHANZI	900	4.5	100	0.5	1 000	5.0
KGALAGADI	1 600	5.3	400	1.3	2 000	6.7
WESTERN REGION	2 500	5.0	500	1.0	3 000	6.0
TOTAL TRADITIONAL	154 300	2.7	85 000	1.5	239 300	4.1

TABLE-A A P P E N D I X -I : FARMS, SEX OF HOLDER, TOTAL LAND AND AREA PLANTED BY SIZE OF CATTLE HOLDING, TRADITIONAL FARMS

CATTLE SIZE	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
			MALE	FEMALE				
	NUMBER	PERCENTAGE	- PERCENTAGE -		HECTARES (000)	PERCENTAGE	HECTARES (000)	PERCENTAGE
0	32 700	39.1	52.5	47.5	97.7	30.8	80.6	30.2
1 - 10	16 300	19.5	74.8	25.2	59.0	18.6	51.8	19.4
11 - 20	12 200	14.6	84.8	15.2	53.0	16.7	45.4	17.0
21 - 30	6 000	7.2	75.6	24.4	29.5	9.3	24.6	9.2
31 - 40	4 400	5.3	73.2	26.8	20.6	6.5	17.9	6.7
41 - 50	2 900	3.5	79.7	20.3	14.3	4.5	13.1	4.9
51 - 60	1 800	2.1	88.4	11.6	7.3	2.3	6.2	2.3
61 - 100	3 800	4.5	83.1	16.9	14.0	4.4	9.6	3.6
101 - 150	1 400	1.7	85.4	14.6	5.4	1.7	4.0	1.5
151+	2 200	2.5	92.7	7.3	16.5	5.2	13.8	5.2
TOTAL TRADITIONAL	83 700	100.0	68.6	31.4	317.3	100.0	267.0	100.0

TABLE-B A P P E N D I X -I : AREA HARVESTED, TOTAL PRODUCTION, PRODUCTION PER FARM & AVERAGE YIELD BY SIZE OF CATTLE HOLDING, TRADITIONAL FARMS

CATTLE SIZE	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG. YIELD / HECT. PLANTED	AVG. YIELD / HECT. HARVESTED
	HECTARES (000)	PERCENTAGE	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	30.6	27.0	3 020	25.2	37	99
1 - 10	23.7	20.9	2 315	19.3	45	98
11 - 20	21.1	18.6	2 350	19.6	52	111
21 - 30	10.2	9.0	1 055	8.8	43	103
31 - 40	8.5	7.5	910	7.6	51	107
41 - 50	8.7	7.7	1 245	10.4	95	143
51 - 60	3.2	2.8	215	1.8	35	67
61 - 100	3.1	2.7	300	2.5	31	97
101 - 150	2.2	1.9	395	3.3	99	180
151+	2.1	1.9	190	1.5	14	90
TOTAL TRADITIONAL	113.4	100.0	11 995	100.0	45	106

TABLE-A A P P E N D I X -II : FARMS, SEX OF HOLDER, TOTAL LAND AND AREA PLANTED BY SIZE OF TOTAL PRODUCTION
TRADITIONAL FARMS

Average Yield FOUR CROPS	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
			MALE	FEMALE				
KILOGRAMS	NUMBER	PERCENTAGE	— PERCENTAGE —		HECTARES (000)	PERCENTAGE	HECTARES (000)	PERCENTAGE
0	59 800	71.5	66.1	33.9	164.8	51.9	130.8	49.0
1 - 50	9 550	11.4	71.6	28.4	65.9	20.8	58.3	21.8
51 - 100	6 650	8.0	70.6	29.4	38.9	12.3	34.8	13.0
101 - 150	3 500	4.2	73.6	26.4	22.5	7.1	20.2	7.6
151 - 200	1 150	1.4	78.4	21.6	6.9	2.2	6.2	2.3
201 - 250	900	1.1	94.1	5.9	7.0	2.2	6.4	2.4
251 - 300	700	0.8	78.8	21.2	3.3	1.0	3.1	1.2
301 - 400	650	0.7	53.4	46.6	4.9	1.6	4.5	1.7
401 - 500	250	0.3	100.0	0.0	0.8	0.3	0.5	0.2
501 - 600	200	0.2	85.4	14.6	0.6	0.2	0.3	0.1
601+	350	0.4	100.0	0.0	1.7	0.4	1.9	0.7
TOTAL TRADITIONAL	83 700	100.0	68.6	31.4	317.3	100.0	267.0	100.0

TABLE-B A P P E N D I X -II : AREA HARVESTED, TOTAL PRODUCTION, PRODUCTION PER FARM & AVERAGE YIELD PER FARM
BY SIZE OF TOTAL PRODUCTION, TRADITIONAL FARMS

Average Yield FOUR CROPS	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG. YIELD / HECT. PLANTED	AVG. YIELD / HECT. HARVESTED
KILOGRAMS	HECTARES (000)	PERCENTAGE	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	0.0	0.0		0.0		
1 - 50	48.2	42.5	1 405	11.7	24	29
51 - 100	29.0	25.6	2 185	18.2	63	75
101 - 150	16.8	14.8	2 080	17.3	103	124
151 - 200	5.4	4.8	940	7.8	152	174
201 - 250	5.6	4.9	1 280	10.7	200	229
251 - 300	2.9	2.5	830	6.9	268	286
301 - 400	3.5	3.1	1 350	11.3	300	386
401 - 500	0.8	0.7	380	3.2	760	475
501 - 600	0.4	0.4	240	2.0	800	600
601+	0.8	0.7	1 305	10.9	687	1 631
TOTAL TRADITIONAL	113.4	100.0	11 995	100.0	45	106

TABLE-A A P P E N D I X -III : FARMS, SEX OF HOLDER, TOTAL LAND AND AREA PLANTED BY SIZE OF AVG. YIELD PER HECTARE
TRADITIONAL FARMS

Total Production FOUR CROPS	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
			MALE	FEMALE				
KG/HECTARE	NUMBER	PERCENTAGE	- PERCENTAGE -		HECTARES (000)	PERCENTAGE	HECTARES (000)	PERCENTAGE
0	59 800	71.5	66.1	33.9	164.7	51.9	130.6	48.9
1 - 250	13 000	15.5	68.6	31.4	61.9	19.5	54.5	20.4
251 - 500	5 100	6.1	76.1	23.9	39.4	12.4	35.5	13.3
501 - 750	2 000	2.4	80.3	19.7	13.6	4.3	12.3	4.6
751 - 1000	700	0.8	78.3	21.7	7.0	2.2	6.4	2.4
1001 - 1500	1 400	1.7	82.9	17.1	11.4	3.6	10.2	3.8
1501 - 2000	700	0.8	62.7	37.3	7.3	2.3	6.4	2.4
2001 - 3000	500	0.6	87.8	12.2	5.7	1.8	5.3	2.0
3001+	500	0.6	100.0	0.0	6.3	2.0	5.8	2.2
TOTAL TRADITIONAL	83 700	100.0	68.6	31.4	317.3	100.0	267.0	100.0

TABLE-B A P P E N D I X -III : AREA HARVESTED, TOTAL PRODUCTION, PRODUCTION PER FARM & AVERAGE YIELD PER HECTARE
BY SIZE OF AVG. YIELD PER HECTARE, TRADITIONAL FARMS

Total Production FOUR CROPS	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG. YIELD / HECT. PLANTED	AVG. YIELD / HECT. HARVESTED
KG/HECTARE	HECTARES (000)	PERCENTAGE	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	0.0	0.0		0.0		
1 - 250	39.4	34.7	1 515	12.6	28	38
251 - 500	30.5	26.9	1 940	16.2	55	64
501 - 750	11.5	10.2	1 285	10.7	104	112
751 - 1000	6.1	5.4	680	5.7	106	112
1001 - 1500	9.6	8.5	1 725	14.4	169	180
1501 - 2000	6.4	5.6	1 190	9.9	186	186
2001 - 3000	5.2	4.6	1 215	10.1	229	234
3001+	4.7	4.1	2 445	20.4	422	520
TOTAL TRADITIONAL	113.4	100.0	11 995	100.0	45	105

Printed by Government Printer 1989

ISBN 99912—1—008—3