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1989 BOTSWANA AGRICULTURAL STATISTICS

148

Planning and Statistics Division
Ministry of Agriculture
P/Bag 003, Gaborone

Central Statistics Office
P/Bag 0024
Gaborone

AGRICULTURAL STATISTICS 1989

(1989 Agricultural Survey Report)

Agricultural Statistics Unit
Planning and Statistics Division
Ministry of Agriculture

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P R E F A C E

This report presents the results of the 1989 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 undertaken by the Planning and Statistics Division of the Ministry of Agriculture.

The Agricultural Survey is a major statistical undertaking and timeliness and reliability of the data are of great importance. A major concern has been the deterioration of the sampling frame throughout the intercensal period.

Botswana's next population census is scheduled for August 1991 and will form the basis for the agricultural census planned for 1993. As in the last agricultural census in 1982, the 1993 enquiry will be an enlarged sample both in scope and coverage.

This report has been produced by the Agricultural Statistics Unit in collaboration with other staff of the Planning and Statistics Division of the Ministry of Agriculture. I am of-course also grateful to the farmers of this country for their willing cooperation in supplying the required information.

G. M. Charumbira
GOVERNMENT STATISTICIAN

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SUMMARY

Crop production fared poorly in 1989 compared with 1988. After reaching an all-time record output of 107,700 tonnes in 1988, total crop production in 1989 fell by 27 percent to 78,200 tonnes. This level however was still considerably higher than the first peak of 58,200 tonnes reached in 1981 before the long drought, during which production averaged around 20,000 tonnes per annum.

The fall in 1989 was principally the result of lower than average as well as erratic occurrences of rainfall during the planting period. This necessitated in some cases re-ploughing and replanting of the same fields.

While 409,000 hectares were planted in 1989 compared with 367,000 the previous year, the proportion of area harvested was lower at 69 percent compared with the 73 percent in 1988. Also average yield was considerably lower at 191 against 295 kg/ha the previous year.

Sorghum remained the principal crop, accounting for 53,000 tonnes or 68 percent of total production. This was a drop of 44 percent on the 1988 sorghum production total of 94,000 tonnes. In second place was maize which nearly trebled in output from 7,300 to 20,000 tonnes in 1989, and was 2,000 tonnes less than the peak realised in 1981. It was understood that this apparent switch to maize growing in 1989 was due mainly to the unavailability of short-season variety seeds for sorghum and pest infestation, largely from grain-eating birds which accounted for the highest percentage of crop destruction. Production of millet in 1989 dropped considerably from 3,700 to 2,000 tonnes while pulses rose slightly from 2,300 to 2,500 tonnes. Sunflower seeds ramained unchanged at 200 tonnes but the production of groundnuts more than doubled from 200 to 500 tonnes.

Unlike arable production, the livestock situation remained buoyant. The national cattle herd was estimated to number 2,543,000 in 1989, an increase of 5.6 percent on 1988. This was a slightly lower rate than the 6.4 percent increase in 1988 due mainly to a slight decline in the birth rate and an increase in the offtake rate in 1989. For smallstock, the goat population increased by 12 percent to 1,897,000. Like the cattle stock, this increase was slightly below the 15 percent rate experienced in 1988. Compared with 1988, there was a 10 percent increase in the sheep population from 259,000 to 286,000.

LEGEND

1. Regional Agricultural Office (Maun; Lobatse; Gaborone; Serowe; Francistown)
● District Agricultural Office (Good Hope; Mmatheihe; Kanye; Ramotswa; Molepolole; Lentsweletau; Mochudi; Mahalapye; Palapye; Serowe; Bobonong; Francistown; Tutume; Shakawe; Maun; Kasane; Tsabong; Hukuntsi; Gantsi).
◆ Proposed Regional Agricultural Office (Western Region).
Nb: the proposed regional agricultural office will be in Kang.
Agricultural Demonstrator postings (Some occupied by supervisors).
Rural Training Centres.
Proposed R.T.C. (near Francistown; near Kanye).

TECHNICAL NOTES

Coverage

The 1989 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 Veldt 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 sub-sampling 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 were included in the sample.

Estimation

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

n =Number of blocks selected at the first stage
M_i =Number of farms listed in the ith block
m_i =Number of farms selected in the ith block
p_i =Probability of selecting the ith block

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

$$\hat{Y} = \frac{1}{n}\sum_{i=1}^{n}\frac{M_i y_i}{p_i m_i}$$

where y_i is the sample total of the ith block.

For farmers who reported cattle holdings of 100 or more:

$$\hat{Y} = \frac{1}{n}\sum_{i=1}^{n}\frac{y_i}{p_i}$$

Estimate of the variance is given by:

$$\hat{V}(\hat{Y}) = \frac{1}{n(n-1)}[\sum_{i=1}^{n}(\frac{M_i y_i}{m_i p_I})^2 - \frac{1}{n}(\sum_{i=1}^{n}\frac{M_i y_i}{p_i m_i})^2]$$

In this report a measure of precision for individual variate 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 10 and 11 for estimates at the national level only. For example, the standard error for the total number of cattle would be (2,543,300 x 6.5%) =165,315. 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 (2,216,671 - 2,873,929) or (2,543,300 ±330,629).

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, 1989 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 3965 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.

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 with 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. In 1989, three additional districts were introduced following changes made to the Agricultural Extension Area boundaries in the Central, Southern and Western Regions. These are Ngwaketse Central in the Southern Region, Letlhakane in the Central Region and Hukuntsi in the Western Region. These changes have resulted in significant changes to both districts and regional estimates, with number of blocks or enumeration areas decreasing in some regions.

3. 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 22 former districts.

4. 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.

5. 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.

6. A point system was used to determine whether a particular individual qualified as a farmer (see Terms and Definitions).

7. 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 kilometres with a coefficient of variation of 22 percent if grazing land and non-farm land were included.

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

9. 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 other birds such as ducks, geese, 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 inter-planted 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

Chart 1 Livestock Population

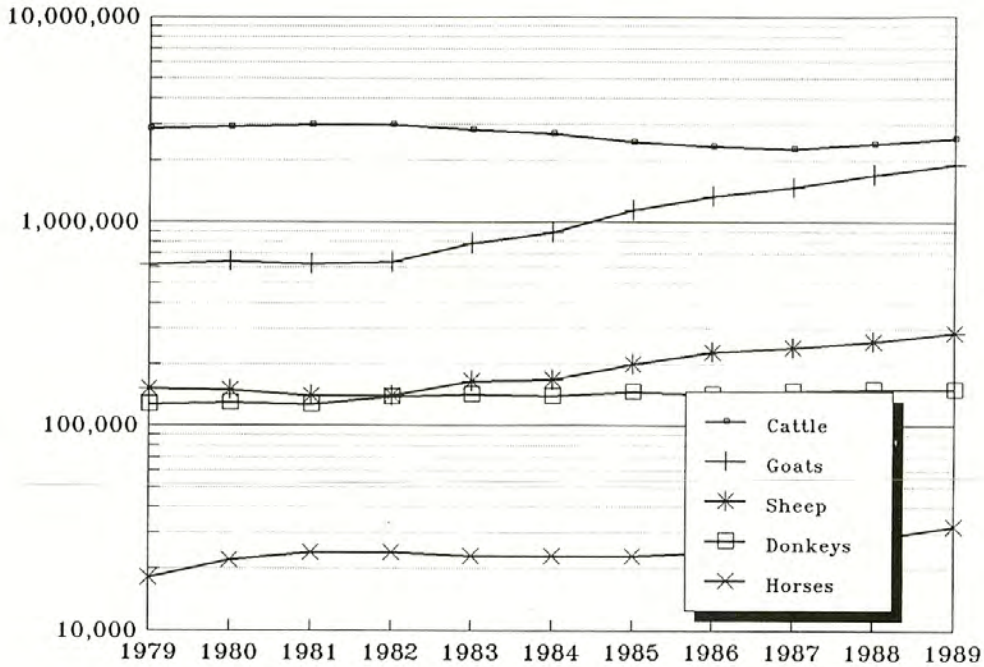


Chart 2 Birth, Death and Offtake Rates
CATTLE

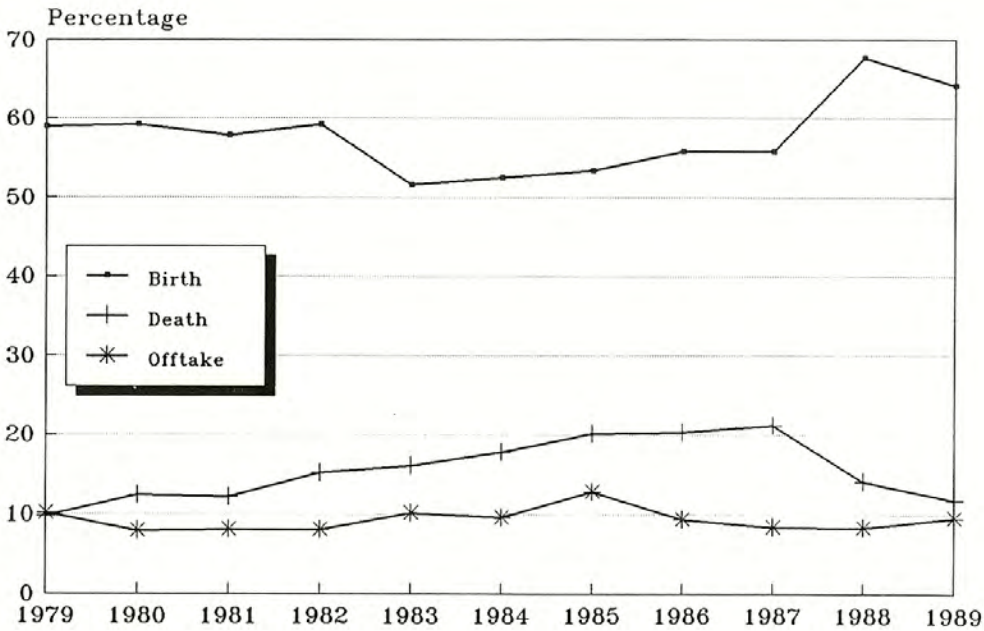


TABLE-1 LIVESTOCK POPULATION (1979 - 89)

YEAR	CATTLE	GOAT	SHEEP	DONKEY/ MULE	HORSES	CHICKENS	PIGS
	---------NUMBER('000)--------						
1979	2,840	616	152	127	18	740	6
1980	2,911	638	149	130	22	833	6
1981	2,967	621	140	127	24	1,046	5
1982	2,979	636	140	138	24	1,146	5
1983	2,818	783	165	142	23	961	5
1984	2,685	889	167	139	23	714	7
1985	2,459	1,138	200	146	23	1,020	9
1986	2,332	1,332	229	142	24	1,179	11
1987	2,264	1,470	240	147	24	1,283	11
1988	2,408	1,691	259	150	28	1,810	13
1989	2,543	1,897	286	151	32	2,013	15

Chart 3 Birth, Death and Offtake Rates
GOATS

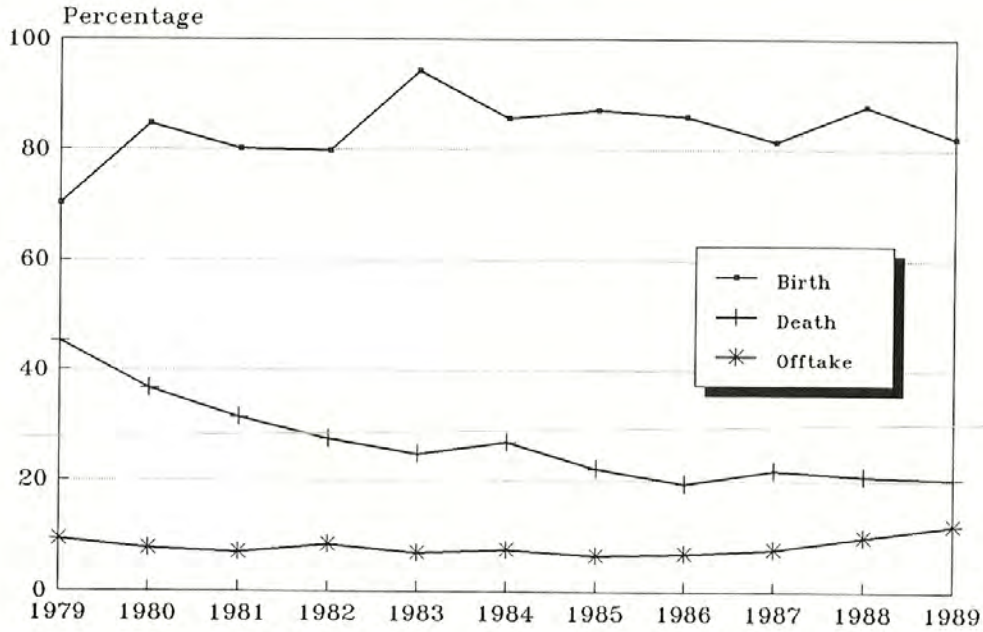


Chart 4 Birth, Death and Offtake Rates
SHEEP

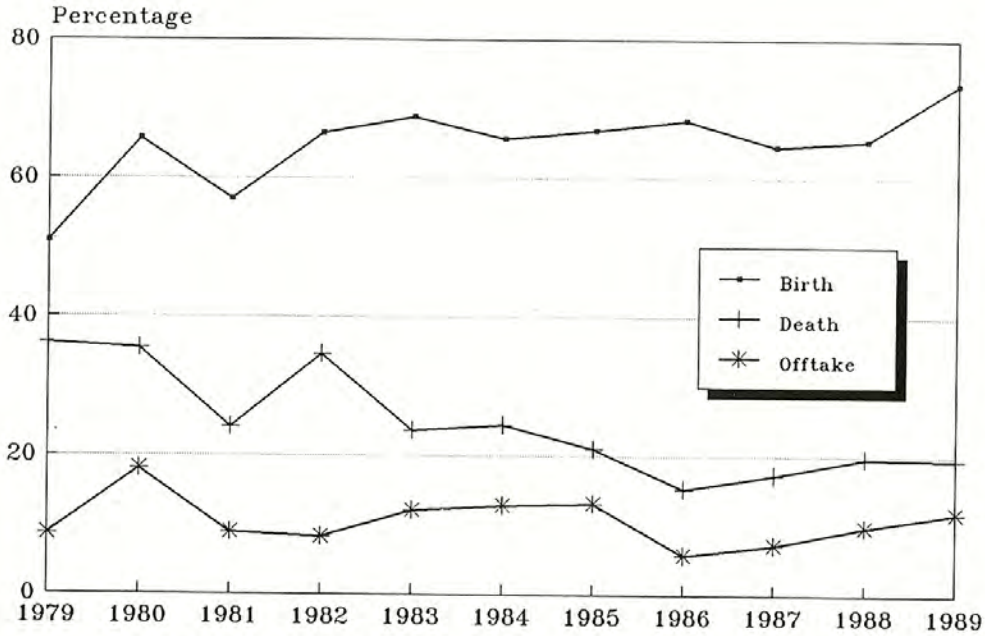


TABLE-2 LIVESTOCK: BIRTH, DEATH AND OFFTAKE RATES* (1979-89)

YEAR	CATTLE			GOATS			SHEEP		
	BIRTH	DEATH	OFFTAKE	BIRTH	DEATH	OFFTAKE	BIRTH	DEATH	OFFTAKE
1979	59.0	9.8	10.2	70.3	45.3	9.4	50.9	36.1	8.6
1980	59.2	12.4	7.9	84.6	36.7	7.8	65.7	35.4	18.1
1981	57.9	12.2	8.1	80.1	31.4	7.1	57.0	24.0	8.9
1982	59.2	15.2	8.1	79.8	27.5	8.5	66.5	34.6	8.2
1983	51.6	16.1	10.2	94.3	24.8	7.0	68.8	23.6	12.1
1984	52.5	17.8	9.6	85.7	26.9	7.6	65.7	24.4	12.8
1985	53.4	20.1	12.8	87.2	22.1	6.5	66.9	21.0	13.1
1986	55.8	20.3	9.4	86.0	19.5	6.9	68.3	15.2	5.7
1987	55.8	21.2	8.4	81.5	21.9	7.7	64.6	17.2	7.1
1988	67.7	14.1	8.3	87.8	20.8	9.8	65.4	19.6	9.7
1989	64.1	11.8	9.5	82.1	20.4	12.0	73.6	19.4	11.7

*BASED ON MID YEAR POPULATION
BIRTH RATE=RATIO OF BIRTHS TO FEMALE POPULATION
DEATH & OFFTAKE RATES ARE RATIO OF TOTAL LIVESTOCK POPULATION
OFFTAKE = SALES + HOME SLAUGHTER - PURCHASES

Chart 5.1 Area Planted by Crops

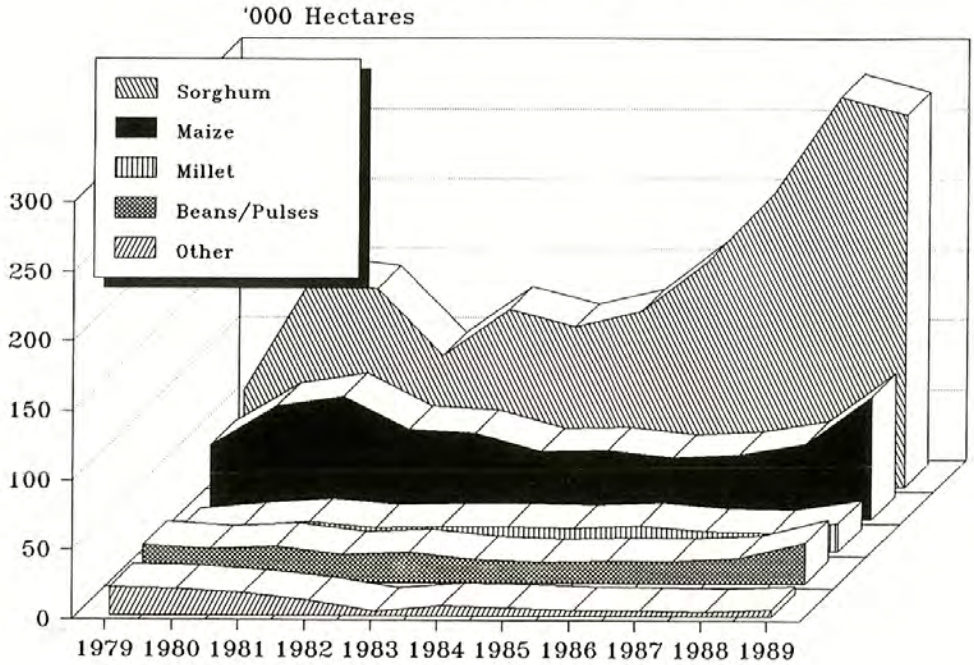


Chart 5.2 Total Crop Production

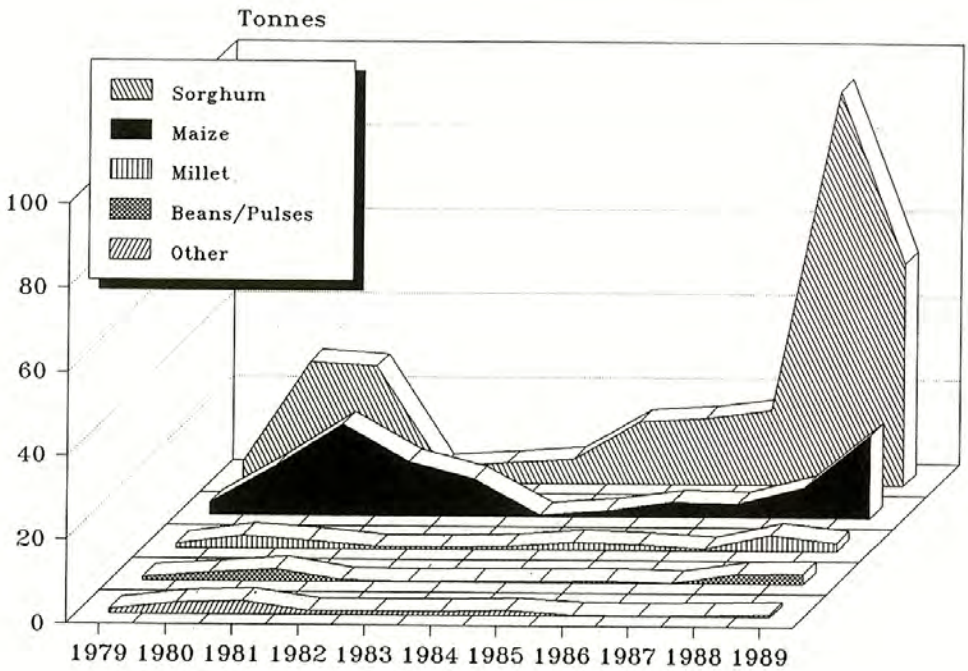


TABLE-3 AREA PLANTED BY CROPS (1979-89)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL	TOTAL FOUR CROPS*
	---------HECTARES('000)--------								
1979	68.0	52.0	13.0	27.0	6.0	4.0	10.0	180.0	160.0
1980	147.0	80.0	17.0	24.0	7.0	5.0	7.0	287.0	268.0
1981	141.0	87.0	20.0	26.0	3.0	5.0	8.0	290.0	274.0
1982	93.0	64.0	16.0	20.0	2.0	2.0	7.0	204.0	193.0
1983	126.0	61.0	17.0	22.0	1.0	1.0	1.0	229.0	226.0
1984	114.0	48.0	17.0	17.0	2.0	4.0	1.0	203.0	196.0
1985	125.0	49.0	16.0	15.0	3.0	2.0	1.0	211.0	205.0
1986	161.0	44.0	18.0	16.0	1.0	2.0	1.0	243.0	239.0
1987	210.0	46.0	14.0	16.0	1.0	2.0	1.0	290.0	286.0
1988	279.0	54.0	13.0	18.0	1.0	1.0	1.0	367.0	364.0
1989	266.1	88.4	20.4	29.7	1.0	1.9	1.9	409.4	404.6

* (SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

Chart 6 Area Planted, Harvested & Yield
SORGHUM

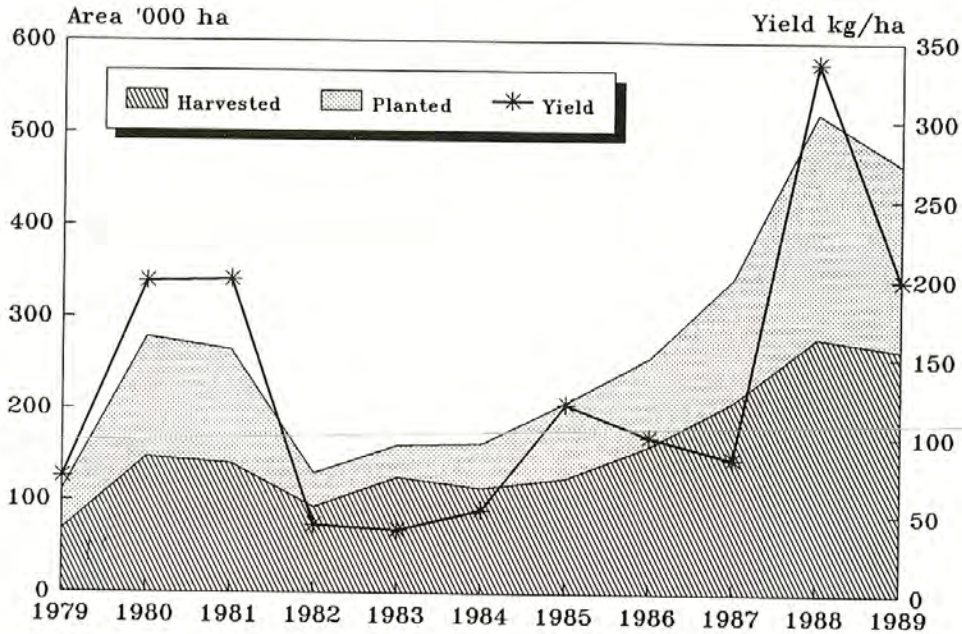


Chart 7 Area Planted, Harvested & Yield
MAIZE

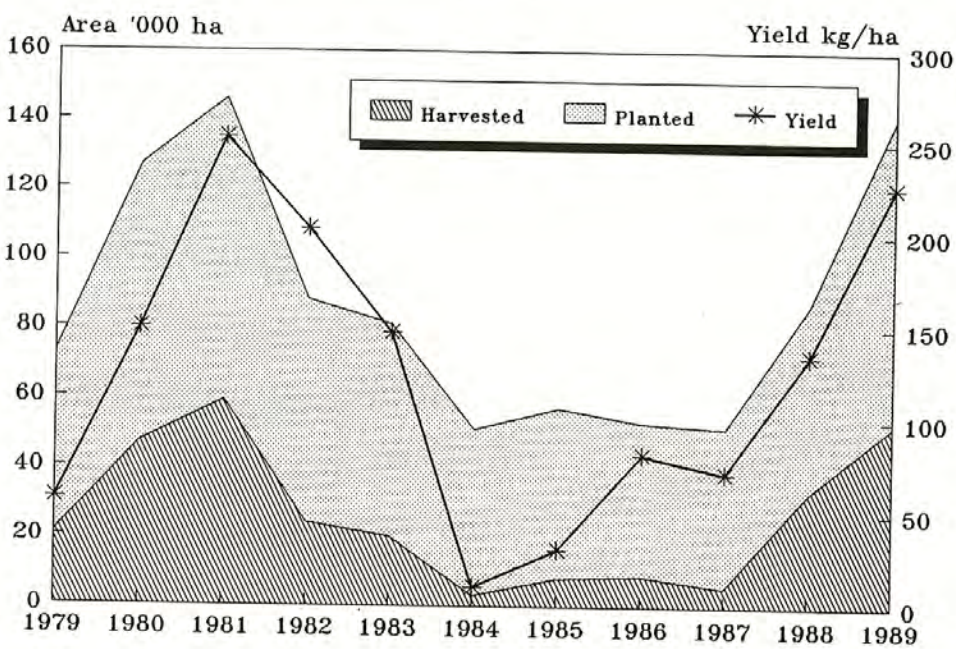


TABLE-4 AREA HARVESTED BY CROPS (1979-89)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUDNUTS	OTHER CROPS	TOTAL	TOTAL FOUR CROPS*
			---------HECTARES(000)----------						
1979	43.0	21.0	8.0	14.0	5.1	2.4	6.5	100.0	86.0
1980	131.0	47.0	14.0	13.0	6.7	3.8	2.5	218.0	205.0
1981	123.0	59.0	13.0	15.0	2.9	4.3	4.8	222.0	210.0
1982	37.0	24.0	4.0	4.0	1.9	0.7	4.4	76.0	69.0
1983	35.0	20.0	6.0	3.0	0.5	0.6	0.9	66.0	64.0
1984	49.0	3.0	8.0	3.0	1.3	1.8	1.0	67.1	63.0
1985	83.0	8.0	10.0	3.0	0.6	1.0	0.4	106.0	104.0
1986	96.6	8.8	10.1	5.0	0.3	0.7	0.7	122.2	120.5
1987	113.9	5.4	5.5	2.9	0.4	0.4	1.0	129.5	127.7
1988	243.8	32.9	9.1	10.9	0.5	0.6	1.7	299.5	296.7
1989	201.2	52.3	11.5	16.5	0.5	0.8	1.0	283.8	281.5

*(SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

Chart 8 Area Planted, Harvested & Yield
MILLET

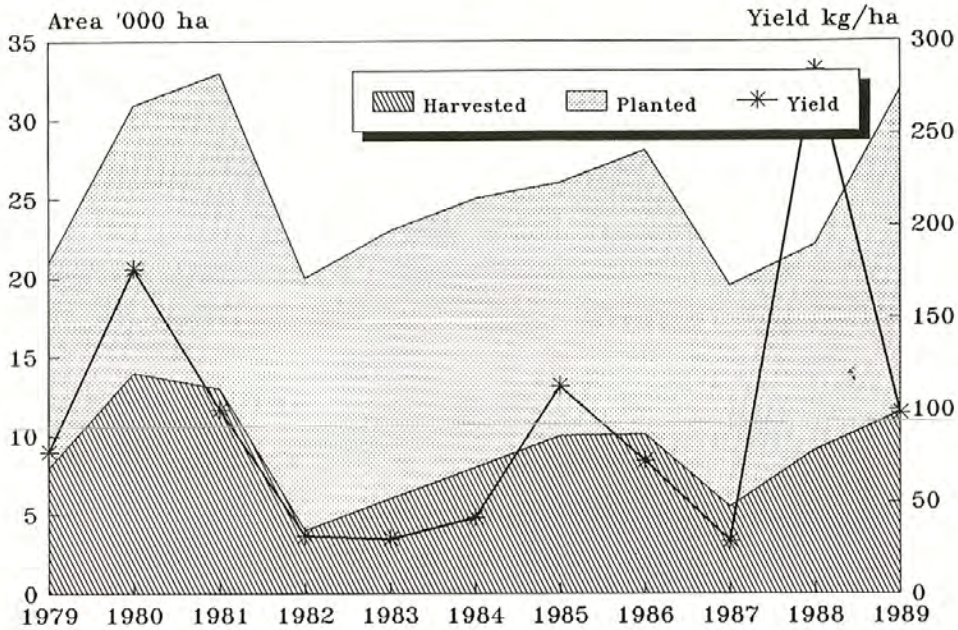


Chart 9 Area Planted, Harvested & Yield
BEANS/PULSES

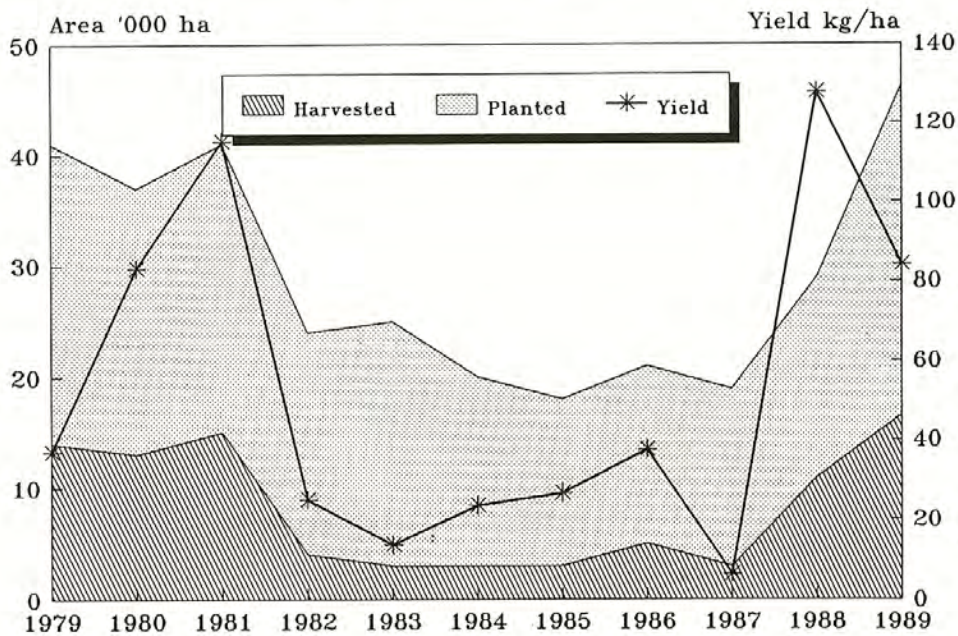


Chart 10.1 Area Planted in 1988

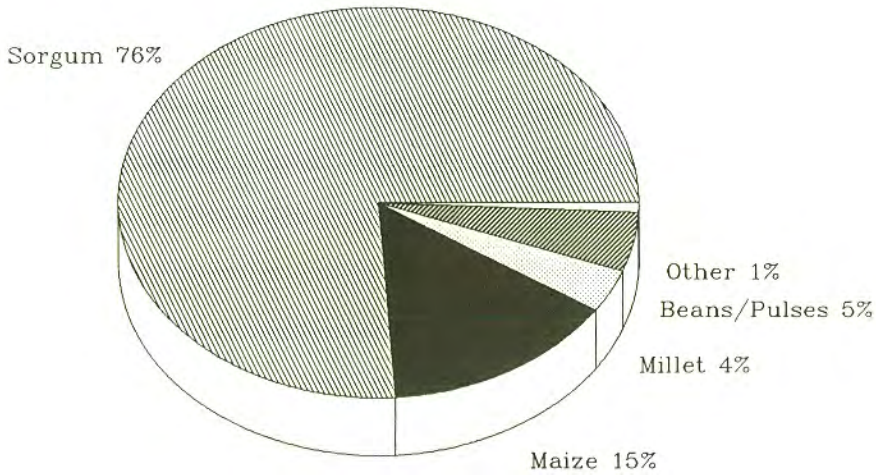


Chart 10.2 Area Planted in 1989

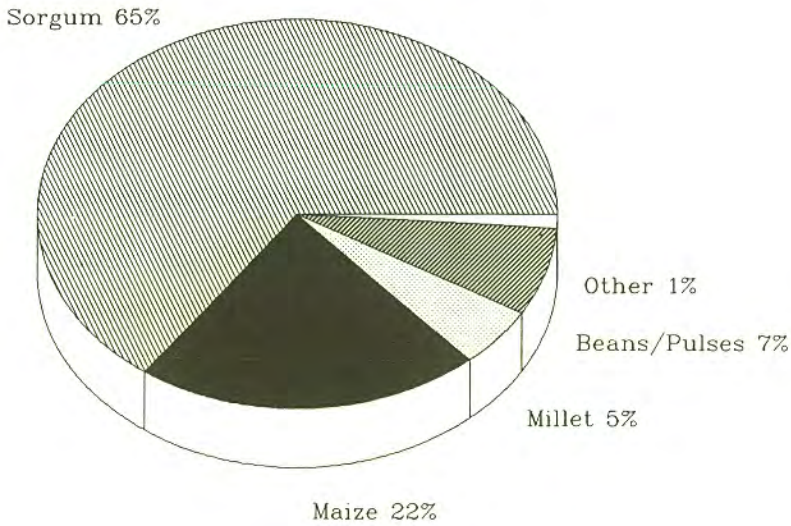


Chart 11.1 Crop Production in 1988

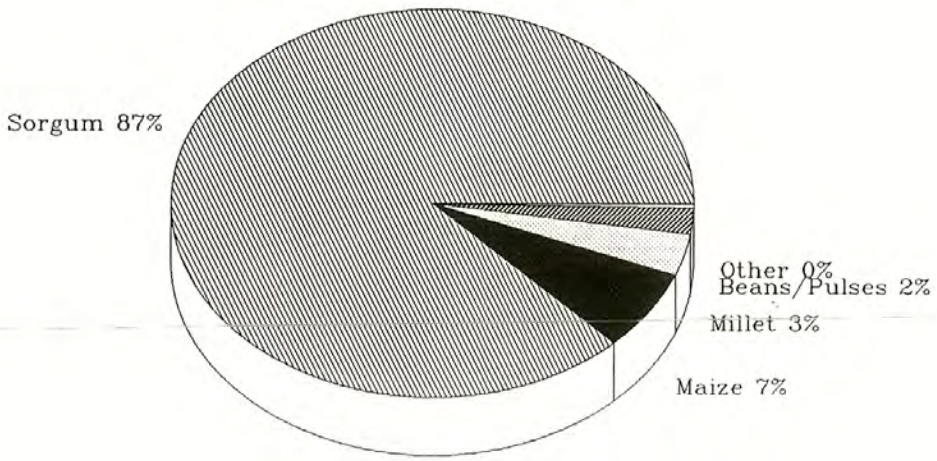


Chart 11.2 Crop Production in 1989

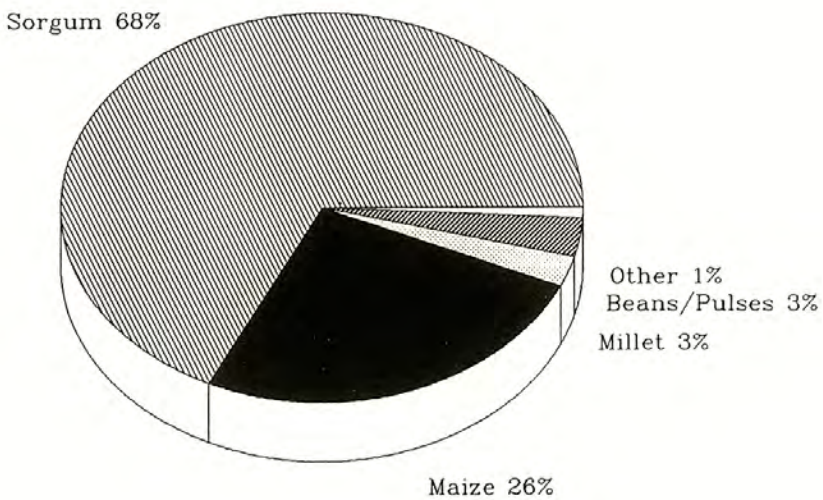


TABLE-5 TOTAL CROP PRODUCTION (1979-89)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUND-NUTS	TOTAL	TOTAL FOUR CROPS*
	--------(METRIC TONS)----------							
1979	5,000	3,000	1,000	1,000	900	200	11,100	10,000
1980	29,000	12,000	3,000	2,000	1,400	1,400	48,800	46,000
1981	28,000	22,000	2,000	3,000	1,200	2,000	58,200	55,000
1982	4,000	13,000	500	500	700	300	19,000	18,000
1983	5,000	9,000	500	300	200	800	15,800	14,800
1984	6,000	500	700	400	400	600	8,600	7,600
1985	15,000	1,500	1,800	400	500	800	20,000	18,700
1986	16,000	3,600	1,300	600	200	200	21,900	21,500
1987	18,000	3,300	400	100	100	100	22,000	21,800
1988	94,000	7,300	3,700	2,300	200	200	107,700	107,300
1989	53,000	20,000	2,000	2,500	200	500	78,200	77,500

*(SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

TABLE-6A AVERAGE CROP YIELDS BASED ON PRODUCTION & AREA PLANTED(KG/HA)

YEAR	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUNFLOWER	GROUND-NUTS	TOTAL	TOTAL FOUR CROPS*
1979	74	58	77	37	150	50	65	63
1980	197	150	176	83	200	280	174	172
1981	199	253	100	115	400	400	206	201
1982	43	203	31	25	350	150	96	93
1983	40	148	29	14	200	800	69	65
1984	53	10	41	24	200	150	43	39
1985	120	31	113	27	167	400	95	91
1986	99	82	74	33	211	129	90	90
1987	86	70	26	20	175	33	76	76
1988	338	141	225	128	200	282	294	295
1989	199	224	97	83	200	232	191	192

TABLE-6B TEN YEAR AVERAGE OF CROP PRODUCTION, AREA PLANTED AND YIELD(1980-1989)

TOTAL PRODUCTION(MT)	26,800	9,220	1,590	1,210	510	690	40,020	38,820
AREA PLANTED(HA)	166,210	62,140	16,840	20,370	2,200	2,590	273,340	204,277
AVERAGE YIELD(KG/HA)	161	148	94	59	232	266	146	190

*Sorghum, Maize, Millet and Beans/Pulses

Chart 12 Four Crop Indices
SORGHUM, MAIZE, MILLET & BEANS/PULSES

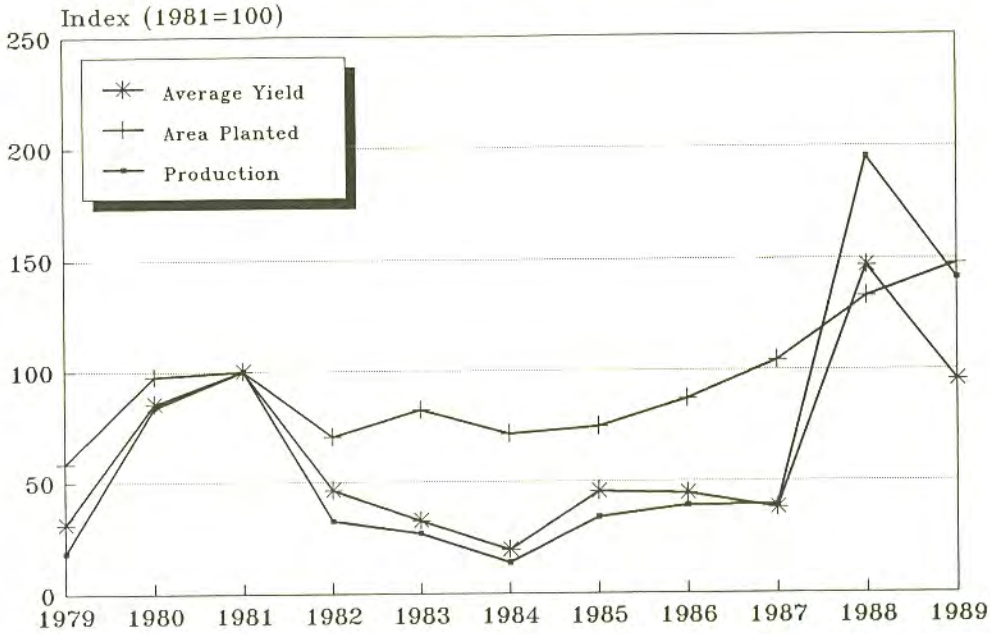


Chart 13 Livestock Production Indices
CATTLE, GOATS & SHEEP

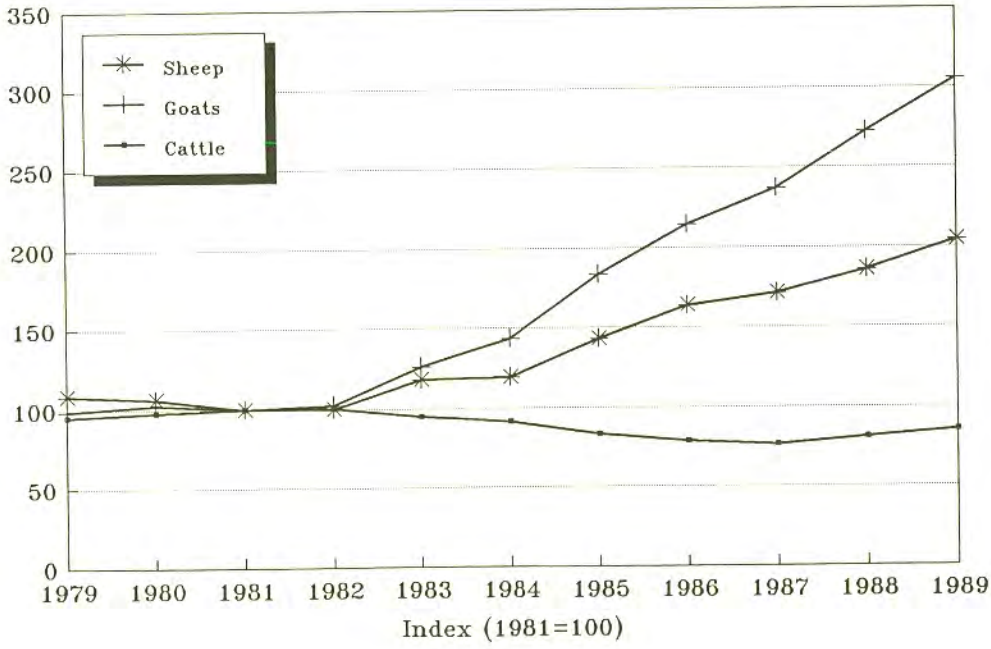


TABLE-7 INDEX OF FOUR FOOD CROPS (SORGHUM, MAIZE, MILLET & BEANS/PULSES), AREA PLANTED AND AVERAGE YIELD (1981 = 100)

YEAR	INDEX OF PRODUCTION	INDEX OF AREA PLANTED	INDEX OF AVERAGE YIELD
1979	18.2	58.4	31.1
1980	83.6	97.8	85.5
1981	100.0	100.0	100.0
1982	32.7	70.4	46.5
1983	26.9	82.5	32.6
1984	13.8	71.5	19.3
1985	34.0	74.8	45.4
1986	39.1	87.2	44.8
1987	39.6	104.4	38.0
1988	195.1	132.8	146.9
1989	140.9	147.7	95.4

TABLE-8 INDEX OF LIVESTOCK POPULATION (1981 =100)

YEAR	CATTLE	GOAT	SHEEP
1979	95.7	99.2	108.6
1980	98.1	102.7	106.4
1981	100.0	100.0	100.0
1982	100.4	102.4	100.0
1983	95.0	126.1	117.9
1984	90.5	143.2	119.3
1985	82.9	183.3	142.9
1986	78.6	214.5	163.6
1987	76.3	236.7	171.4
1988	81.2	272.3	185.7
1989	85.7	305.4	204.3

TABLE 09 - SAMPLE SIZE OF BLOCKS AND HOLDERS SELECTED FOR TRADITIONAL FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BLOCKS IN POPULATION	BLOCKS SELECTED	HOLDERS SELECTED
TRADITIONAL			
BAROLONG	37	12	80
NGWAKETSE SOUTH	117	14	260
NGWAKETSE NORTH	301	26	150
NGWAKETSE CENTRAL	34	5	50
SOUTHERN REGION	489	57	540
BAMALETE	96	9	67
KWENENG SOUTH	263	15	93
KWENENG NORTH	139	12	85
KGATLENG	182	18	140
GABORONE REGION	680	54	385
MAHALAPYE EAST	168	15	171
MAHALAPYE WEST	144	9	71
PALAPYE	168	12	103
SEROWE	215	17	128
LETLHAKANE	51	8	50
BOBONONG	226	20	205
CENTRAL REGION	972	81	728
TATI	142	15	118
TUTUME	185	19	142
FRANCISTOWN REGION	327	34	260
NGAMILAND WEST	175	22	173
NGAMILAND EAST	150	14	95
CHOBE	27	9	48
MAUN REGION	352	45	316
GHANZI	54	16	100
TSABONG	43	8	56
HUKUNTSI	21	7	60
WESTERN REGION	118	31	216
TOTAL TRADITIONAL	2938	302	2445

TABLE-10 SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL LIVESTOCK ESTIMATES(1988 - 1989)

	-----TRADITIONAL----		----COMMERCIAL----		------TOTAL-----		C.V (%)
	1988	1989	1988	1989	1988	1989	1989
TOTAL FARMS	85,900	90,100	540	540	86,440	90,640	3.9
CATTLE:-							
CATTLE FARMS	53,100	55,400	500	500	53,600	55,900	4.1
TOTAL CATTLE	1,972,900	2,083,300	435,500	460,000	2,408,400	2,543,300	6.5
BULLS	33,200	37,500	7,800	8,300	41,000	45,800	9.5
OXEN	183,800	183,400	39,600	41,900	223,400	225,300	8.4
COWS	830,800	867,700	176,400	186,300	1,007,200	1,054,000	8.2
TOLLIES	223,000	216,500	61,800	65,300	284,800	281,800	9.3
HEIFER	283,400	282,300	65,800	69,500	349,200	351,800	8.8
CALVES	418,700	495,900	84,100	88,700	502,800	584,600	8.4
BIRTHS	544,100	536,700	119,500	121,100	663,600	657,800	8.3
DEATHS	303,600	268,000	22,100	23,000	325,700	291,000	11.1
SALES	132,800	155,400	157,600	173,500	290,400	328,900	14.5
PURCHASES	33,700	38,400	102,500	104,900	136,200	143,300	16.6
HOME SLAUGHTER	35,300	40,600	3,400	5,000	38,700	45,600	17.5
GOATS:-							
GOAT FARMS	64,400	67,500	380	390	64,780	67,890	4.3
TOTAL GOATS	1,639,100	1,840,400	51,700	56,800	1,690,800	1,897,200	6.6
MALES ONE YEAR AND OVER	235,100	280,700	6,500	8,500	241,600	289,200	6.1
FEMALES ONE YEAR AND OVER	853,200	1,008,000	27,000	31,600	880,200	1,039,600	6.2
MALES UNDER ONE YEAR	259,200	255,200	7,200	7,500	266,400	262,700	6.7
FEMALES UNDER ONE YEAR	291,600	296,500	11,000	9,200	302,600	305,700	6.4
BIRTHS	702,600	761,100	23,200	26,800	725,800	787,900	6.0
DEATHS	322,300	358,500	6,900	6,600	329,200	365,100	7.3
SALES	67,100	94,200	5,400	8,000	72,500	102,200	12.4
PURCHASES	26,600	31,700	1,700	2,000	28,300	33,700	13.3
HOME SLAUGHTER	106,500	138,800	4,200	7,100	110,700	145,900	12.1
SHEEP:-							
SHEEP FARMS	14,950	15,850	300	350	15,250	16,200	6.1
TOTAL SHEEP	218,400	239,800	40,500	45,900	258,900	285,700	10.5
MALES ONE YEAR AND OVER	39,500	44,100	4,600	5,800	44,100	49,900	10.6
FEMALES ONE YEAR AND OVER	118,000	134,700	23,100	27,600	141,100	162,300	10.8
MALES UNDER ONE YEAR	27,200	25,800	5,900	5,700	33,100	31,500	11.1
FEMALES UNDER ONE YEAR	33,700	35,200	6,900	6,800	40,600	42,000	12.6
BIRTHS	75,900	93,100	13,900	18,500	89,800	111,600	10.9
DEATHS	43,600	47,500	5,300	5,400	48,900	52,900	12.8
SALES	11,300	18,100	8,000	8,800	19,300	26,900	22.6
PURCHASES	4,600	7,300	3,700	5,100	8,300	12,400	19.8
HOME SLAUGHTER	9,700	13,400	3,500	4,000	13,200	17,400	23.4
OTHER LIVESTOCK:-							
DONKEY FARMS	26,900	27,200	160	170	27,060	27,370	6.4
TOTAL DONKEYS	145,900	148,600	2,000	2,200	147,900	150,800	7.1
MULES FARMS	600	700	50	50	650	750	0.0
TOTAL MULES	1,600	1,800	400	450	2,000	2,250	0.0
HORSE FARMS	6,250	6,800	250	300	6,500	7,100	13.5
TOTAL HORSES	23,600	26,500	5,000	5,900	28,600	32,400	16.7
PIG FARMS	6,500	7,500	50	50	6,550	7,550	23.1
TOTAL PIGS	10,000	11,800	2,800	3,400	12,800	15,200	24.6
CHICKEN FARMS	72,800	76,600	300	330	73,100	76,930	6.7
TOTAL CHICKENS	1,009,800	1,088,000	800,000	925,000	1,809,800	2,013,000	7.2

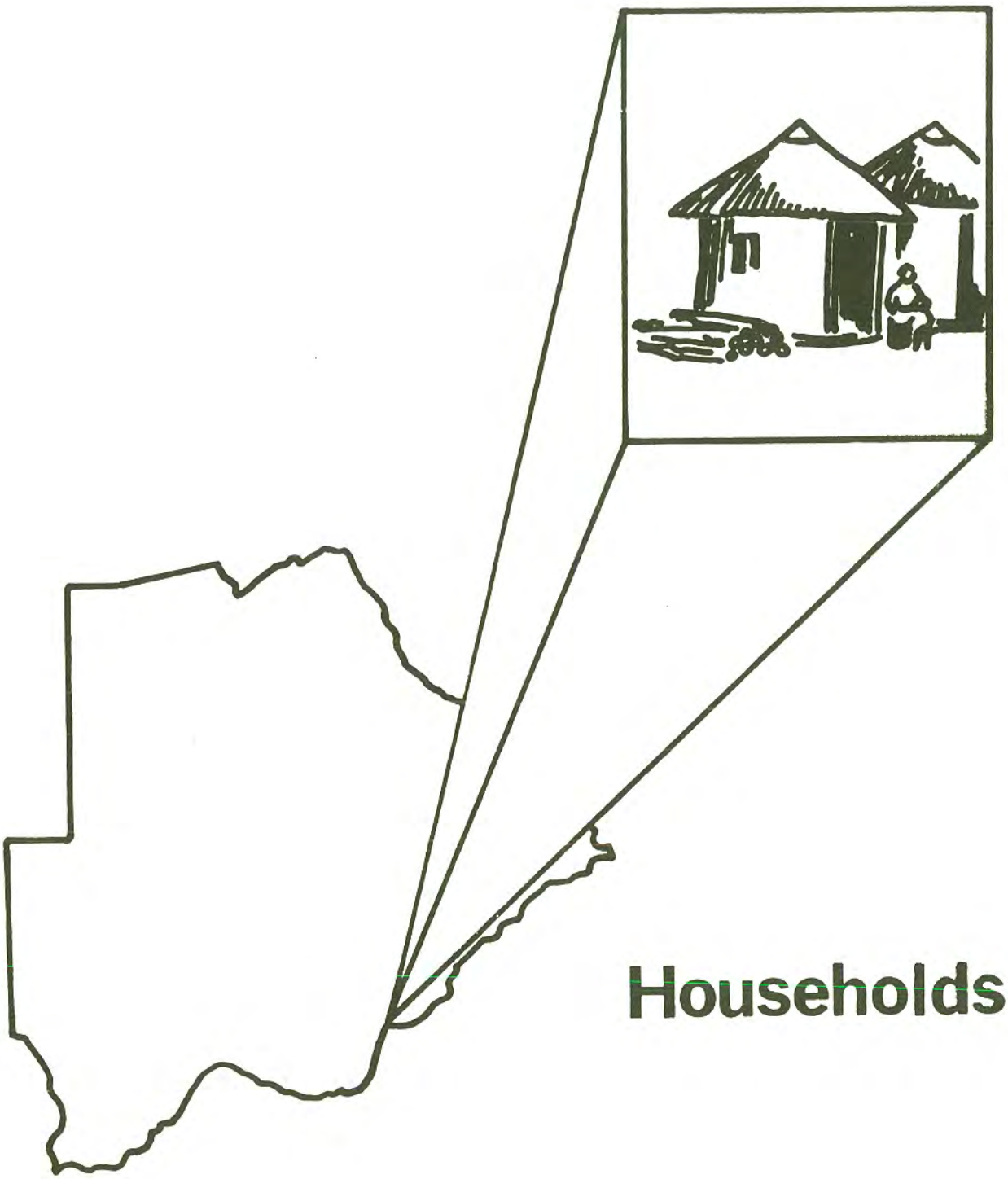
TABLE-11 SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL CROP ESTIMATES(1988 - 1989)

	---TRADITIONAL---		---COMMERCIAL---		---TOTAL---		C.V (%)
	1988	1989	1988	1989	1988	1989	1989
TOTAL CROPS:-							
FARMS WITH LAND	67,300	72,600	220	240	67,520	72,840	4.8
TOTAL LAND AREA(HA)	370,800	423,900	71,500	71,500	442,300	495,400	5.0
FARMS WITH CROPS PLANTED	62,800	63,200	170	190	62,970	63,390	4.9
TOTAL AREA PLANTED(HA)	328,600	364,400	39,300	45,000	367,900	409,400	5.7
TOTAL AREA HARVESTED(HA)	269,200	257,000	28,800	27,300	298,000	284,300	6.2
SORGHUM:-							
FARMS	59,800	57,000	110	100	59,910	57,100	5.1
AREA PLANTED(HA)	245,700	237,100	33,500	29,000	279,200	266,100	6.2
AREA HARVESTED(HA)	219,500	183,800	24,300	17,400	243,800	201,200	6.9
TOTAL PRODUCTION(MT)	69,340	34,930	25,000	18,000	94,340	52,930	11.2
AVERAGE YIELD(KG/HA)*	282	147	746	621	338	199	11.4
MAIZE:-							
FARMS	37,300	47,700	55	100	37,355	47,800	6.3
AREA PLANTED(HA)	50,800	76,000	3,500	12,400	54,300	88,400	9.3
AREA HARVESTED(HA)	29,900	44,900	3,000	7,400	32,900	52,300	11.9
TOTAL PRODUCTION(MT)	4,840	9,765	2,800	10,000	7,640	19,765	24.5
AVERAGE YIELD(KG/HA)*	95	128	800	806	141	224	26.4
MILLET:							
FARMS	12,650	14,300	10	5	12,660	14,305	13.3
AREA PLANTED(HA)	13,000	20,300	100	100	13,100	20,400	15.8
AREA HARVESTED(HA)	9,000	11,400	100	100	9,100	11,500	30.5
TOTAL PRODUCTION(MT)	2,865	1,940	80	40	2,945	1,980	30.6
AVERAGE YIELD(KG/HA)*	220	96	800	0	225	97	29.8
BEANS/PULSES:-							
FARMS	31,550	36,500	30	50	31,580	36,550	12.7
AREA PLANTED(HA)	17,100	28,200	1,000	1,500	18,100	29,700	13.5
AREA HARVESTED(HA)	9,900	15,500	1,000	1,000	10,900	16,500	15.7
TOTAL PRODUCTION(MT)	1,725	2,070	600	400	2,325	2,470	26.4
AVERAGE YIELD(KG/HA)*	101	73	600	267	128	83	18.3
FOUR CROPS(SORGHUM,MAIZE, MILLET &BEANS/PULSES):-							
FARMS	61,700	61,300	160	170	61,860	61,470	4.9
AREA PLANTED(HA)	326,600	361,600	38,100	43,000	364,700	404,600	5.8
AREA HARVESTED(HA)	268,300	255,600	28,400	25,900	296,700	281,500	6.4
TOTAL PRODUCTION(MT)	78,770	48,705	28,480	28,440	107,250	77,145	10.8
AVERAGE YIELD(KG/HA)*	241	135	748	661	294	191	10.9
GROUNDNUTS:-							
FARMS	750	1,200	10	15	760	1,215	33.5
AREA PLANTED(HA)	700	1,300	400	600	1,100	1,900	25.8
AREA HARVESTED(HA)	400	400	200	400	600	800	32.1
TOTAL PRODUCTION(MT)	130	140	180	300	310	440	58.7
AVERAGE YIELD(KG/HA)*	186	108	450	500	282	232	60.9
SUNFLOWER:-							
FARMS	400	600	10	10	410	610	34.6
AREA PLANTED(HA)	700	600	300	400	1,000	1,000	27.9
AREA HARVESTED(HA)	400	300	200	200	600	500	32.5
TOTAL PRODUCTION(MT)	50	40	150	160	200	200	68.8
AVERAGE YIELD(KG/HA)*	71	67	500	400	200	200	71.6

*Based on Area Planted

TABLE-12 FARMS : TOTAL WITH LANDS, CROPS, CATTLE, SHEEP, GOATS & OTHER LIVESTOCK BY DISTRICT & REGION

DISTRICTS/ REGIONS	TOTAL FARMS	FARMS WITH LAND	CROP FARMS	CATTLE FARMS	SHEEP FARMS	GOAT FARMS	OTHER LIVESTOCK
BAROLONG	1,600	1,300	1,100	1,000	600	1,200	1,400
NGWAKETSE SOUTH	3,200	2,900	2,600	2,200	1,100	2,500	3,100
NGWAKETSE NORTH	8,200	6,000	5,800	5,000	1,400	5,600	6,900
NGWAKETSE CENTRAL	1,200	1,000	900	800	600	1,000	1,100
SOUTHERN REGION	14,200	11,200	10,400	9,000	3,700	10,300	12,500
BAMALETE	4,000	3,400	3,200	1,700	200	2,200	3,300
KWENENG SOUTH	8,000	6,900	6,700	5,100	2,000	6,700	7,000
KWENENG NORTH	3,100	2,800	2,400	1,500	600	2,300	2,500
KGATLENG	5,600	4,900	4,200	3,600	600	3,500	5,200
GABORONE REGION	20,700	18,000	16,500	11,900	3,400	14,700	18,000
MAHALAPYE EAST	4,800	4,000	3,600	2,700	1,000	3,800	4,100
MAHALAPYE WEST	3,500	3,200	2,900	2,100	700	2,900	3,000
PALAPYE	5,600	4,300	3,400	3,300	600	4,400	5,300
SEROWE	5,000	4,000	2,400	3,100	600	3,800	4,500
LETLHAKANE	2,300	1,600	1,000	1,500	300	2,000	1,400
BOBONONG	6,500	5,100	4,600	4,000	1,200	5,300	5,800
CENTRAL REGION	27,700	22,200	17,900	16,700	4,400	22,200	24,100
TATI	6,500	5,800	5,000	3,800	1,400	5,100	5,900
TUTUME	7,000	5,700	5,400	4,700	900	5,800	5,800
FRANCISTOWN REGION	13,500	11,500	10,400	8,500	2,300	10,900	11,700
NGAMILAND WEST	4,800	3,400	3,000	3,000	400	2,600	3,100
NGAMILAND EAST	4,200	3,100	2,500	2,700	300	3,400	3,000
CHOBE	1,800	1,400	1,100	1,100	50	700	1,600
MAUN REGION	10,800	7,900	6,600	6,800	750	6,700	7,700
GHANZI	1,000	500	400	800	300	800	900
KGALAGADI	1,200	700	500	900	600	1,000	900
HUKUNTSI	1,000	600	500	800	400	900	800
WESTERN REGION	3,200	1,800	1,400	2,500	1,300	2,700	2,600
TOTAL TRADITIONAL	90,100	72,600	63,200	55,400	15,850	67,500	76,600
TOTAL COMMERCIAL	540	240	190	500	350	390	330
TOTAL	90,640	72,840	63,390	55,900	16,200	67,890	76,930



Households

TABLE - 13 SEX OF FARM HOLDER : BY DISTRICT AND REGION

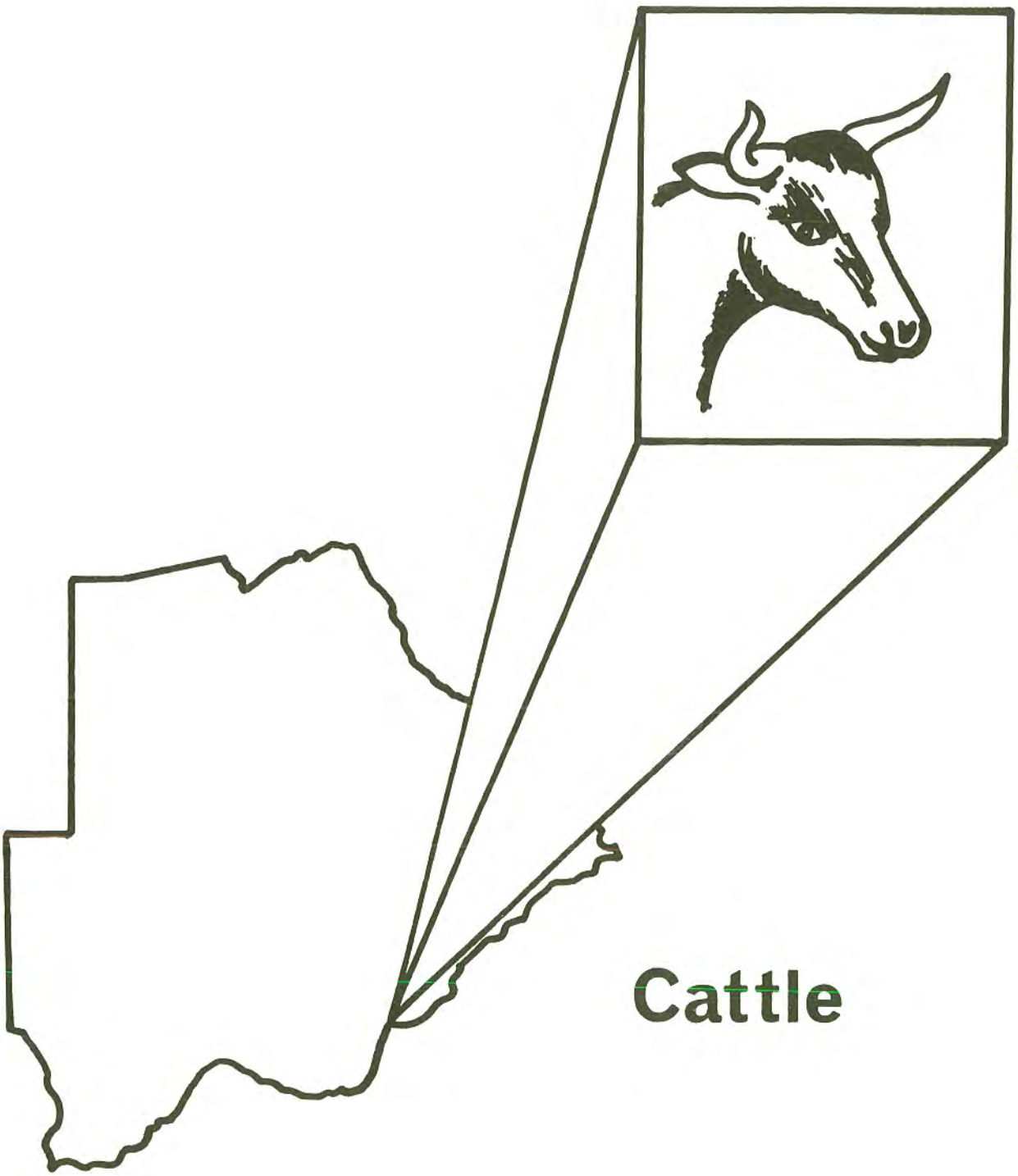
DISTRICTS/ REGIONS	MALE		FEMALE		TOTAL
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	NUMBER
BAROLONG	1,200	75.0	400	25.0	1,600
NGWAKETSE SOUTH	2,300	71.9	900	28.1	3,200
NGWAKETSE NORTH	5,600	68.3	2,600	31.7	8,200
NGWAKETSE CENTRAL	800		400	33.3	1,200
SOUTHERN REGION	9,900	69.7	4,300	30.3	14,200
BAMALETE	2,300	57.5	1,700	42.5	4,000
KWENENG SOUTH	5,700	71.3	2,300	28.8	8,000
KWENENG NORTH	1,800	58.1	1,300	41.9	3,100
KGATLENG	3,500	62.5	2,100	37.5	5,600
GABORONE REGION	13,300	64.3	7,400	35.7	20,700
MAHALAPYE EAST	3,400	70.8	1,400	29.2	4,800
MAHALAPYE WEST	2,300	65.7	1,200	34.3	3,500
PALAPYE	3,300	58.9	2,300	41.1	5,600
SEROWE	3,500	70.0	1,500	30.0	5,000
LETLHAKANE	1,400	60.9	900	39.1	2,300
BOBONONG	4,600	70.8	1,900	29.2	6,500
CENTRAL REGION	18,500	66.8	9,200	33.2	27,700
TATI	4,800	73.8	1,700	26.2	6,500
TUTUME	4,900	70.0	2,100	30.0	7,000
FRANCISTOWN REGION	9,700	71.9	3,800	28.1	13,500
NGAMILAND WEST	2,900	60.4	1,900	39.6	4,800
NGAMILAND EAST	2,800	66.7	1,400	33.3	4,200
CHOBE	1,000	55.6	800	44.4	1,800
MAUN REGION	6,700	62.0	4,100	38.0	10,800
GHANZI	800	80.0	200	20.0	1,000
KGALAGADI	900	75.0	300	25.0	1,200
HUKUNTSI	800	80.0	200	20.0	1,000
WESTERN REGION	2,500	78.1	700	21.9	3,200
TOTAL TRADITIONAL	60,600	67.3	29,500	32.7	90,100

TABLE - 14 AGE OF FARM HOLDER : BY DISTRICT AND REGION

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
				--NUMBER--		
BAROLONG	100	300	400	500	300	1,600
NGWAKETSE SOUTH	100	500	800	900	900	3,200
NGWAKETSE NORTH	400	1,800	1,600	2,300	2,100	8,200
NGWAKETSE CENTRAL	100	200	200	400	300	1,200
SOUTHERN REGION	700	2,800	3,000	4,100	3,600	14,200
BAMALETE	300	600	600	1,000	1,500	4,000
KWENENG SOUTH	400	1,200	1,800	3,700	900	8,000
KWENENG NORTH	200	800	700	1,000	400	3,100
KGATLENG	200	1,000	1,000	1,500	1,900	5,600
GABORONE REGION	1,100	3,600	4,100	7,200	4,700	20,700
MAHALAPYE EAST	300	800	1,300	1,200	1,200	4,800
MAHALAPYE WEST	400	500	800	700	1,100	3,500
PALAPYE	500	600	1,700	1,400	1,400	5,600
SEROWE	400	700	1,800	1,100	1,000	5,000
LETLHAKANE	100	700	300	500	700	2,300
BOBONONG	500	1,200	1,100	2,300	1,400	6,500
CENTRAL REGION	2,200	4,500	7,000	7,200	6,800	27,700
TATI	700	1,000	1,400	2,400	1,000	6,500
TUTUME	600	2,000	1,400	1,800	1,200	7,000
FRANCISTOWN REGION	1,300	3,000	2,800	4,200	2,200	13,500
NGAMILAND WEST	1,000	800	1,100	1,100	800	4,800
NGAMILAND EAST	800	500	800	1,200	900	4,200
CHOBE	200	600	400	400	200	1,800
MAUN REGION	2,000	1,900	2,300	2,700	1,900	10,800
GHANZI	100	100	200	400	200	1,000
KGALAGADI	200	200	300	200	300	1,200
HUKUNTSI	100	200	200	200	300	1,000
WESTERN REGION	400	500	700	800	800	3,200
TOTAL TRADITIONAL	7,700	16,300	19,900	26,200	20,000	90,100

TABLE - 15 AGE OF FARM HOLDER : BY DISTRICT AND REGION

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
			--PERCENTAGE--			
BAROLONG	6.3	18.8	25.0	31.3	18.8	100.0
NGWAKETSE SOUTH	3.1	15.6	25.0	28.1	28.1	100.0
NGWAKETSE NORTH	4.9	22.0	19.5	28.0	25.6	100.0
NGWAKETSE CENTRAL	8.3	16.7	16.7	33.3	25.0	100.0
SOUTHERN REGION	4.9	19.7	21.1	28.9	25.4	100.0
BAMALETE	7.5	15.0	15.0	25.0	37.5	100.0
KWENENG SOUTH	5.0	15.0	22.5	46.3	11.3	100.0
KWENENG NORTH	6.5	25.8	22.6	32.3	12.9	100.0
KGATLENG	3.6	17.9	17.9	26.8	33.9	100.0
GABORONE REGION	5.3	17.4	19.8	34.8	22.7	100.0
MAHALAPYE EAST	6.3	16.7	27.1	25.0	25.0	100.0
MAHALAPYE WEST	11.4	14.3	22.9	20.0	31.4	100.0
PALAPYE	8.9	10.7	30.4	25.0	25.0	100.0
SEROWE	8.0	14.0	36.0	22.0	20.0	100.0
LETLHAKANE	4.3	30.4	13.0	21.7	30.4	100.0
BOBONONG	7.7	18.5	16.9	35.4	21.5	100.0
CENTRAL REGION	7.9	16.2	25.3	26.0	24.5	100.0
TATI	10.8	15.4	21.5	36.9	15.4	100.0
TUTUME	8.6	28.6	20.0	25.7	17.1	100.0
FRANCISTOWN REGION	9.6	22.2	20.7	31.1	16.3	100.0
NGAMILAND WEST	20.8	16.7	22.9	22.9	16.7	100.0
NGAMILAND EAST	19.0	11.9	19.0	28.6	21.4	100.0
CHOBE	11.1	33.3	22.2	22.2	11.1	100.0
MAUN REGION	18.5	17.6	21.3	25.0	17.6	100.0
GHANZI	10.0	10.0	20.0	40.0	20.0	100.0
KGALAGADI	16.7	16.7	25.0	16.7	25.0	100.0
HUKUNTSI	10.0	20.0	20.0	20.0	30.0	100.0
WESTERN REGION	12.5	15.6	21.9	25.0	25.0	100.0
TOTAL TRADITIONAL	8.5	18.1	22.1	29.1	22.2	100.0

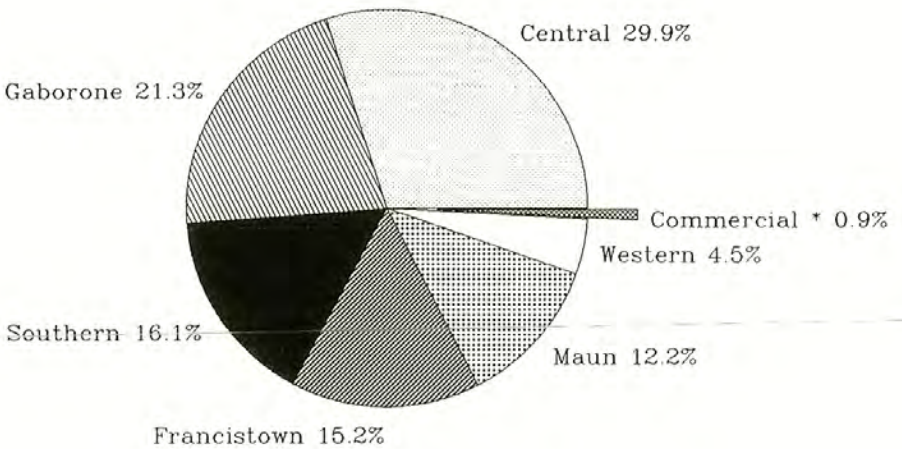


Cattle

TABLE-16 CATTLE : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICT AND REGION

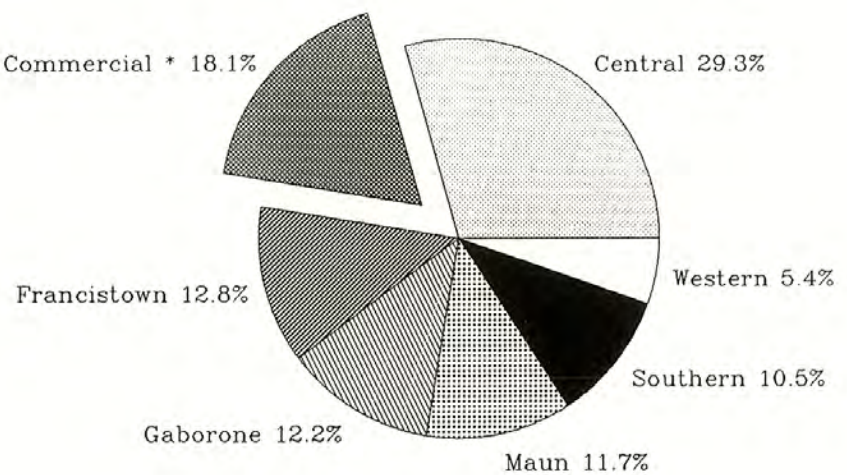
DISTRICTS/ REGIONS	CATTLE FARMS		TOTAL CATTLE		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	
BAROLONG	1,000	1.8	17.6	0.7	17.6
NGWAKETSE SOUTH	2,200	3.9	69.7	2.7	31.7
NGWAKETSE NORTH	5,000	8.9	154.8	6.1	31.0
NGWAKETSE CENTRAL	800	1.4	24.9	1.0	31.1
SOUTHERN REGION	9,000	16.1	267.0	10.5	29.7
BAMALETE	1,700	3.0	22.4	0.9	13.2
KWENENG SOUTH	5,100	9.1	113.7	4.5	22.3
KWENENG NORTH	1,500	2.7	59.2	2.3	39.5
KGATLENG	3,600	6.4	115.6	4.5	32.1
GABORONE REGION	11,900	21.3	310.9	12.2	26.1
MAHALAPYE EAST	2,700	4.8	102.1	4.0	37.8
MAHALAPYE WEST	2,100	3.8	101.9	4.0	48.5
PALAPYE	3,300	5.9	129.0	5.1	39.1
SEROWE	3,100	5.5	184.4	7.3	59.5
LETLHAKANE	1,500	2.7	55.8	2.2	37.2
BOBONONG	4,000	7.2	172.8	6.8	43.2
CENTRAL REGION	16,700	29.9	746.0	29.3	44.7
TATI	3,800	6.8	131.8	5.2	34.7
TUTUME	4,700	8.4	192.7	7.6	41.0
FRANCISTOWN REGION	8,500	15.2	324.5	12.8	38.2
NGAMILAND WEST	3,000	5.4	121.2	4.8	40.4
NGAMILAND EAST	2,700	4.8	158.8	6.2	58.8
CHOBE	1,100	2.0	17.8	0.7	16.2
MAUN REGION	6,800	12.2	297.8	11.7	43.8
GHANZI	800	1.4	49.4	1.9	61.8
KGALAGADI	900	1.6	46.9	1.8	52.1
HUKUNTSI	800	1.4	40.8	1.6	51.0
WESTERN REGION	2,500	4.5	137.1	5.4	54.8
TOTAL TRADITIONAL	55,400	99.1	2083.3	81.9	37.6
TOTAL COMMERCIAL	500	0.9	460.0	18.1	920.0
TOTAL	55,900	100.0	2543.3	100.0	45.5

Chart 14 Cattle Farms by Region



* Total of all regions

Chart 15 Cattle Population by Region



* Total of all regions

TABLE-17 CATTLE :FARMS, ANIMALS AND AVERAGE PER FARM BY SIZE OF CATTLE HOLDING

HERD SIZE	CATTLE FARMS		TOTAL CATTLE		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	NUMBER
1 - 10	18,000	32.5	120.6	5.8	6.7
11 - 20	12,300	22.2	206.2	9.9	16.8
21 - 30	7,300	13.2	192.5	9.2	26.4
31 - 40	4,100	7.4	157.9	7.6	38.5
41 - 50	3,400	6.1	162.7	7.8	47.9
51 - 60	2,000	3.6	117.7	5.6	58.9
61 - 100	3,800	6.9	313.9	15.1	82.6
101 - 150	2,600	4.7	320.0	15.4	123.1
151 +	1,900	3.4	491.8	23.6	258.8
TOTAL TRADITIONAL	55,400	100.0	2083.3	100.0	37.6
1 - 100	100	20.0	3.6	0.8	36.0
101 - 500	150	30.0	39.8	8.7	265.3
501 - 1000	130	26.0	96.6	21.0	743.1
1001 - 5000	90	18.0	133.2	29.0	1480.0
5001 +	30	6.0	186.8	40.6	6226.7
TOTAL COMMERCIAL	500	100.0	460.0	100.0	920.0
TOTAL	55,900	-.-	2543.3	-.-	45.5

TABLE-18 CATTLE HERD COMPOSITION : BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
				-NUMBER('000)-			
BAROLONG	0.5	2.5	7.4	1.7	1.9	3.6	17.6
NGWAKETSE SOUTH	1.2	5.1	29.8	6.6	10.5	16.5	69.7
NGWAKETSE NORTH	3.7	16.2	55.6	20.4	27.9	31.0	154.8
NGWAKETSE CENTRAL	0.4	3.1	10.5	2.8	3.2	4.9	24.9
SOUTHERN REGION	5.8	26.9	103.3	31.5	43.5	56.0	267.0
BAMALETE	0.2	2.5	9.4	1.9	2.4	6.0	22.4
KWENENG SOUTH	2.7	11.9	46.4	14.1	14.9	23.7	113.7
KWENENG NORTH	1.2	5.4	25.1	4.3	8.8	14.4	59.2
KGATLENG	1.7	9.6	43.5	13.6	21.3	25.9	115.6
GABORONE REGION	5.8	29.4	124.4	33.9	47.4	70.0	310.9
MAHALAPYE EAST	1.7	8.2	48.8	10.8	13.0	19.6	102.1
MAHALAPYE WEST	2.0	8.8	43.3	9.4	10.8	27.6	101.9
PALAPYE	2.6	13.2	52.8	10.1	16.2	34.1	129.0
SEROWE	3.0	11.1	81.5	18.4	22.5	47.9	184.4
LETLHAKANE	1.0	4.2	23.2	6.1	8.4	12.9	55.8
BOBONONG	3.8	9.0	77.2	13.8	18.3	50.7	172.8
CENTRAL REGION	14.1	54.5	326.8	68.6	89.2	192.8	746.0
TATI	2.6	11.7	54.3	13.2	16.0	34.0	131.8
TUTUME	2.5	23.9	79.8	21.0	25.4	40.1	192.7
FRANCISTOWN REGION	5.1	35.6	134.1	34.2	41.4	74.1	324.5
NGAMILAND WEST	1.3	14.5	45.3	12.0	20.1	28.0	121.2
NGAMILAND EAST	3.3	10.6	69.2	16.2	17.3	42.2	158.8
CHOBE	0.2	3.6	6.3	2.1	2.4	3.2	17.8
MAUN REGION	4.8	28.7	120.8	30.3	39.8	73.4	297.8
GHANZI	0.6	3.0	20.5	6.1	7.5	11.7	49.4
KGALAGADI	0.9	2.7	20.4	7.3	7.6	8.0	46.9
HUKUNTSI	0.4	2.6	17.4	4.6	5.9	9.9	40.8
WESTERN REGION	1.9	8.3	58.3	18.0	21.0	29.6	137.1
TOTAL TRADITIONAL	37.5	183.4	867.7	216.5	282.3	495.9	2083.3
TOTAL COMMERCIAL	8.3	41.9	186.3	65.3	69.5	88.7	460.0
TOTAL	45.8	225.3	1054.0	281.8	351.8	584.6	2543.3

TABLE-19 CATTLE HERD COMPOSITION : BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
				-PERCENTAGE-			
BAROLONG	2.8	14.2	42.0	9.7	10.8	20.5	100.0
NGWAKETSE SOUTH	1.7	7.3	42.8	9.5	15.1	23.7	100.0
NGWAKETSE NORTH	2.4	10.5	35.9	13.2	18.0	20.0	100.0
NGWAKETSE CENTRAL	1.6	12.4	42.2	11.2	12.9	19.7	100.0
SOUTHERN REGION	2.2	10.1	38.7	11.8	16.3	21.0	100.0
BAMALETE	0.9	11.2	42.0	8.5	10.7	26.8	100.0
KWENENG SOUTH	2.4	10.5	40.8	12.4	13.1	20.8	100.0
KWENENG NORTH	2.0	9.1	42.4	7.3	14.9	24.3	100.0
KGATLENG	1.5	8.3	37.6	11.8	18.4	22.4	100.0
GABORONE REGION	1.9	9.5	40.0	10.9	15.2	22.5	100.0
MAHALAPYE EAST	1.7	8.0	47.8	10.6	12.7	19.2	100.0
MAHALAPYE WEST	2.0	8.6	42.5	9.2	10.6	27.1	100.0
PALAPYE	2.0	10.2	40.9	7.8	12.6	26.4	100.0
SEROWE	1.6	6.0	44.2	10.0	12.2	26.0	100.0
LETLHAKANE	1.8	7.5	41.6	10.9	15.1	23.1	100.0
BOBONONG	2.2	5.2	44.7	8.0	10.6	29.3	100.0
CENTRAL REGION	1.9	7.3	43.8	9.2	12.0	25.8	100.0
TATI	2.0	8.9	41.2	10.0	12.1	25.8	100.0
TUTUME	1.3	12.4	41.4	10.9	13.2	20.8	100.0
FRANCISTOWN REGION	1.6	11.0	41.3	10.5	12.8	22.8	100.0
NGAMILAND WEST	1.1	12.0	37.4	9.9	16.6	23.1	100.0
NGAMILAND EAST	2.1	6.7	43.6	10.2	10.9	26.6	100.0
CHOBE	1.1	20.2	35.4	11.8	13.5	18.0	100.0
MAUN REGION	1.6	9.6	40.6	10.2	13.4	24.6	100.0
GHANZI	1.2	6.1	41.5	12.3	15.2	23.7	100.0
KGALAGADI	1.9	5.8	43.5	15.6	16.2	17.1	100.0
HUKUNTSI	1.0	6.4	42.6	11.3	14.5	24.3	100.0
WESTERN REGION	1.4	6.1	42.5	13.1	15.3	21.6	100.0
TOTAL TRADITIONAL	1.8	8.8	41.7	10.4	13.6	23.8	100.0
TOTAL COMMERCIAL	1.8	9.1	40.5	14.2	15.1	19.3	100.0
TOTAL	1.8	8.9	41.4	11.1	13.8	23.0	100.0

TABLE-20 CATTLE HERD COMPOSITION :BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY SIZE OF CATTLE HOLDING

HERD SIZE	BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
				-NUMBER('000)-			
1 - 10	1.8	14.4	51.7	10.6	12.1	30.0	120.6
11 - 20	3.5	23.3	75.9	23.0	30.9	49.6	206.2
21 - 30	3.4	21.5	77.0	21.9	25.7	43.0	192.5
31 - 40	3.0	18.5	61.8	17.4	21.6	35.6	157.9
41 - 50	2.3	14.8	68.8	15.6	21.6	39.6	162.7
51 - 60	1.9	10.4	49.4	11.6	15.0	29.4	117.7
61 - 100	6.2	29.6	138.5	25.0	42.0	72.6	313.9
101 - 150	5.7	21.8	146.6	33.1	35.6	77.2	320.0
151 +	9.7	29.1	198.0	58.3	77.8	118.9	491.8
TOTAL TRADITIONAL	37.5	183.4	867.7	216.5	282.3	495.9	2083.3
1 - 100	0.1	0.2	1.5	0.5	0.6	0.7	3.6
101 - 500	0.9	2.3	18.1	4.3	6.7	7.5	39.8
501 - 1000	1.0	1.6	45.9	11.9	13.8	22.4	96.6
1001 - 5000	2.2	4.0	59.0	13.6	20.4	34.0	133.2
5001 +	4.1	33.8	61.8	35.0	28.0	24.1	186.8
TOTAL COMMERCIAL	8.3	41.9	186.3	65.3	69.5	88.7	460.0
TOTAL	45.8	225.3	1054.0	281.8	351.8	584.6	2543.3

TABLE-21 CATTLE HERD COMPOSITION :BULLS, OXEN, COWS, TOLLIES, HEIFERS AND CALVES BY SIZE OF CATTLE HOLDING

HERD SIZE	BULLS	OXEN	COWS	TOLLIES	HEIFERS	CALVES	TOTAL CATTLE
			-PERCENTAGE-				
1 - 10	1.5	11.9	42.9	8.8	10.0	24.9	100.0
11 - 20	1.7	11.3	36.8	11.2	15.0	24.1	100.0
21 - 30	1.8	11.2	40.0	11.4	13.4	22.3	100.0
31 - 40	1.9	11.7	39.1	11.0	13.7	22.5	100.0
41 - 50	1.4	9.1	42.3	9.6	13.3	24.3	100.0
51 - 60	1.6	8.8	42.0	9.9	12.7	25.0	100.0
61 - 100	2.0	9.4	44.1	8.0	13.4	23.1	100.0
101 - 150	1.8	6.8	45.8	10.3	11.1	24.1	100.0
151 +	2.0	5.9	40.3	11.9	15.8	24.2	100.0
TOTAL TRADITIONAL	1.8	8.8	41.7	10.4	13.6	23.8	100.0
1 - 100	2.8	5.6	41.7	13.9	16.7	19.4	100.0
101 - 500	2.3	5.8	45.5	10.8	16.8	18.8	100.0
501 - 1000	1.0	1.7	47.5	12.3	14.3	23.2	100.0
1001 - 5000	1.7	3.0	44.3	10.2	15.3	25.5	100.0
5001 +	2.2	18.1	33.1	18.7	15.0	12.9	100.0
TOTAL COMMERCIAL	1.8	9.1	40.5	14.2	15.1	19.3	100.0
TOTAL	1.8	8.9	41.4	11.1	13.8	23.0	100.0

TABLE -22 CATTLE INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY DISTRICTS AND REGION

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-NUMBER('000)-		
BAROLONG	3.9	1.1	1.0	0.2	0.4
NGWAKETSE SOUTH	18.0	6.4	4.8	0.8	0.9
NGWAKETSE NORTH	34.4	14.9	9.6	2.0	2.5
NGWAKETSE CENTRAL	5.7	1.7	1.6	0.4	0.3
SOUTHERN REGION	62.0	24.1	17.0	3.4	4.1
BAMALETE	5.2	1.9	1.4	0.5	0.4
KWENENG SOUTH	24.9	10.8	7.9	1.8	3.0
KWENENG NORTH	14.0	4.4	4.0	1.1	0.7
KGATLENG	27.3	11.3	6.7	2.5	1.5
GABORONE REGION	71.4	28.4	20.0	5.9	5.6
MAHALAPYE EAST	23.1	11.4	5.8	1.5	1.9
MAHALAPYE WEST	26.6	10.9	7.0	1.6	2.2
PALAPYE	39.8	20.4	8.1	2.4	3.0
SEROWE	49.1	18.0	11.6	5.0	3.7
LETLHAKANE	13.5	5.6	4.0	1.0	1.0
BOBONONG	54.6	25.6	18.0	4.0	3.5
CENTRAL REGION	206.7	91.9	54.5	15.5	15.3
TATI	39.5	15.7	6.6	2.5	3.3
TUTUME	44.1	22.1	11.8	3.3	3.5
FRANCISTOWN REGION	83.6	37.8	18.4	5.8	6.8
NGAMILAND WEST	33.8	26.2	11.6	3.1	2.2
NGAMILAND EAST	41.2	36.8	17.8	4.5	2.5
CHOBE	4.8	2.3	0.7	0.3	0.3
MAUN REGION	79.8	65.3	30.1	7.9	5.0
GHANZI	14.0	7.2	7.0	0.9	0.6
KGALAGADI	10.1	7.1	6.0	0.6	0.5
HUKUNTSI	9.1	6.2	2.4	0.6	0.5
WESTERN REGION	33.2	20.5	15.4	2.1	1.6
TOTAL TRADITIONAL	536.7	268.0	155.4	40.6	38.4
TOTAL COMMERCIAL	121.1	23.0	173.5	5.0	104.9
TOTAL	657.8	291.0	328.9	45.6	143.3

TABLE-23 CATTLE INVENTORY : RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY DISTRICT & REGION

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-		
BAROLONG	52.7	6.3	5.7	1.1	2.3
NGWAKETSE SOUTH	60.4	9.2	6.9	1.1	1.3
NGWAKETSE NORTH	61.9	9.6	6.2	1.3	1.6
NGWAKETSE CENTRAL	54.3	6.8	6.4	1.6	1.2
SOUTHERN REGION	60.0	9.0	6.4	1.3	1.5
BAMALETE	55.3	8.5	6.3	2.2	1.8
KWENENG SOUTH	53.7	9.5	6.9	1.6	2.6
KWENENG NORTH	55.8	7.4	6.8	1.9	1.2
KGATLENG	62.8	9.8	5.8	2.2	1.3
GABORONE REGION	57.4	9.1	6.4	1.9	1.8
MAHALAPYE EAST	47.3	11.2	5.7	1.5	1.9
MAHALAPYE WEST	61.4	10.7	6.9	1.6	2.2
PALAPYE	75.4	15.8	6.3	1.9	2.3
SEROWE	60.2	9.8	6.3	2.7	2.0
LETLHAKANE	58.2	10.0	7.2	1.8	1.8
BOBONONG	70.7	14.8	10.4	2.3	2.0
CENTRAL REGION	63.2	12.3	7.3	2.1	2.1
TATI	72.7	11.9	5.0	1.9	2.5
TUTUME	55.3	11.5	6.1	1.7	1.8
FRANCISTOWN REGION	62.3	11.6	5.7	1.8	2.1
NGAMILAND WEST	74.6	21.6	9.6	2.6	1.8
NGAMILAND EAST	59.5	23.2	11.2	2.8	1.6
CHOBE	76.2	12.9	3.9	1.7	1.7
MAUN REGION	66.1	21.9	10.1	2.7	1.7
GHANZI	68.3	14.6	14.2	1.8	1.2
KGALAGADI	49.5	15.1	12.8	1.3	1.1
HUNKUNTASI	52.3	15.2	5.9	1.5	1.2
WESTERN REGION	56.9	15.0	11.2	1.5	1.2
TOTAL TRADITIONAL	61.9	12.9	7.5	1.9	1.8
TOTAL COMMERCIAL	65.0	5.0	37.7	1.1	22.8
TOTAL	62.4	11.4	12.9	1.8	5.6

TABLE -24 CATTLE INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY SIZE OF CATTLE HOLDING

HERD SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
	-NUMBER('000)-				
< 10	43.0	33.2	7.3	1.4	2.3
11 - 20	46.4	39.2	8.7	3.3	3.1
21 - 30	48.2	25.2	8.8	3.2	2.8
31 - 40	40.0	19.3	7.4	2.6	2.9
41 - 50	43.6	19.1	7.5	2.1	1.4
51 - 60	31.6	12.5	5.3	1.7	1.7
61 - 100	87.3	30.7	20.1	4.8	4.2
101 - 150	89.6	37.4	26.5	5.7	5.1
151 +	107.0	51.4	63.8	15.8	14.9
TOTAL TRADITIONAL	536.7	268.0	155.4	40.6	38.4
1 - 100	0.9	0.4	1.3	0.1	0.5
101 - 500	13.2	3.3	14.4	0.4	5.1
501 - 1000	30.5	5.5	37.6	0.8	23.2
1001 - 5000	35.3	6.4	58.9	2.4	38.7
5001 +	41.2	7.4	61.3	1.3	37.4
TOTAL COMMERCIAL	121.1	23.0	173.5	5.0	104.9
TOTAL	657.8	291.0	328.9	45.6	143.3

TABLE-25 CATTLE INVENTORY : RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY SIZE OF 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-		
1 - 10	71.0	24.5	0.4	0.1	0.0
11 - 20	61.1	19.0	3.3	0.6	1.1
21 - 30	62.6	13.1	4.5	1.7	1.6
31 - 40	64.7	12.2	5.6	2.0	1.8
41 - 50	63.4	11.7	4.5	1.6	1.8
51 - 60	64.0	10.6	6.4	1.8	1.2
61 - 100	63.0	9.8	1.7	0.5	0.5
101 - 150	61.1	11.7	6.3	1.5	1.3
151 +	54.0	10.5	5.4	1.2	1.0
TOTAL TRADITIONAL	61.9	12.9	0.0	0.0	0.0
1 - 100	60.0	11.1	0.0	0.0	0.0
101 - 500	72.9	8.3	3.3	0.3	1.3
501 - 1000	66.4	5.7	14.9	0.4	5.3
1001 - 5000	59.8	4.8	28.2	0.6	17.4
5001 +	66.7	4.0	31.5	1.3	20.7
TOTAL COMMERCIAL	65.0	5.0	37.7	1.1	22.8
TOTAL	62.4	11.4	12.9	1.8	5.6

TABLE 26 - CATTLE SALES: NUMBER OF CATTLE SOLD TO DIFFERENT BUYERS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BMC*	BMC AND OTHERS	ANOTHER FARMER	TRADERS	LOCAL ABBATOIR	AUCTION	TOTAL
BAROLONG	800	--	100	--	--	100	1,000
NGWAKETSE SOUTH	3,500	100	--	500	700	--	4,800
NGWAKETSE NORTH	7,100	100	300	200	1,400	500	9,600
NGWAKETSE CENTRAL	1,200	--	200	--	200	--	1,600
SOUTHERN REGION	12,600	200	600	700	2,300	600	17,000
BAMALETE	700	200	100	300	--	100	1,400
KWENENG SOUTH	1,700	200	4,600	--	1,400	--	7,900
KWENENG NORTH	3,000	100	600	--	300	--	4,000
KGATLENG	1,400	500	100	100	500	4,100	6,700
GABORONE REGION	6,800	1,000	5,400	400	2,200	4,200	20,000
MAHALAPYE EAST	4,700	100	--	--	800	200	5,800
MAHALAPYE WEST	5,800	200	1,000	--	--	--	7,000
PALAPYE	5,100	800	--	200	2,000	--	8,100
SEROWE	3,000	4,800	1,100	1,300	400	1,000	11,600
LETLHAKANE	3,000	100	600	--	300	--	4,000
BOBONONG	4,600	7,600	500	2,400	1,100	1,800	18,000
CENTRAL REGION	26,200	13,600	3,200	3,900	4,600	3,000	54,500
TATI	1,900	400	700	100	2,400	1,100	6,600
TUTUME	9,600	200	300	300	800	600	11,800
FRANCISTOWN REGION	11,500	600	1,000	400	3,200	1,700	18,400
NGAMILAND WEST	9,700	400	300	300	900	--	11,600
NGAMILAND EAST	17,000	500	--	--	300	--	17,800
CHOBE	--	--	100	--	300	300	700
MAUN REGION	26,700	900	400	300	1,500	300	30,100
GHANZI	3,300	2,300	200	200	300	700	7,000
KGALAGADI	2,800	1,400	--	100	200	1,500	6,000
HUKUNTSI	1,000	200	100	100	100	900	2,400
WESTERN REGION	7,100	3,900	300	400	600	3,100	15,400
TOTAL TRADITIONAL	90,900	20,200	10,900	6,100	14,400	12,900	155,400
TOTAL COMMERCIAL	54,500	69,300	3,400	2,400	25,000	3,000	157,600
TOTAL	145,400	89,500	14,300	8,500	39,400	15,900	313,000

* Botswana Meat Commission

TABLE 27 - CATTLE SALES: NUMBER OF CATTLE SOLD TO DIFFERENT BUYERS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BMC*	BMC AND OTHERS	ANOTHER FARMER	TRADERS	LOCAL ABBATOIR	AUCTION	TOTAL
			---PERCENTAGE---				
BAROLONG	80.0	-.-	10.0	-.-	-.-	10.0	100.0
NGWAKETSE SOUTH	72.9	2.1	-.-	10.4	14.6	-.-	100.0
NGWAKETSE NORTH	74.0	1.0	3.1	2.1	14.6	5.2	100.0
NGWAKETSE CENTRAL	75.0	-.-	12.5	-.-	12.5	-.-	100.0
SOUTHERN REGION	74.1	1.2	3.5	4.1	13.5	3.5	100.0
BAMALETE	50.0	14.3	7.1	21.4	-.-	7.1	100.0
KWENENG SOUTH	21.5	2.5	58.2	-.-	17.7	-.-	100.0
KWENENG NORTH	75.0	2.5	15.0	-.-	7.5	-.-	100.0
KGATLENG	20.9	7.5	1.5	1.5	7.5	61.2	100.0
GABORONE REGION	34.0	5.0	27.0	2.0	11.0	21.0	100.0
MAHALAPYE EAST	81.0	1.7	-.-	-.-	13.8	3.4	100.0
MAHALAPYE WEST	82.9	2.9	14.3	-.-	-.-	-.-	100.0
PALAPYE	63.0	9.9	-.-	2.5	24.7	-.-	100.0
SEROWE	25.9	41.4	9.5	11.2	3.4	8.6	100.0
LETLHAKANE	75.0	2.5	15.0	-.-	7.5	-.-	100.0
BOBONONG	25.6	42.2	2.8	13.3	6.1	10.0	100.0
CENTRAL REGION	48.1	25.0	5.9	7.2	8.4	5.5	100.0
TATI	28.8	6.1	10.6	1.5	36.4	16.7	100.0
TUTUME	81.4	1.7	2.5	2.5	6.8	5.1	100.0
FRANCISTOWN REGION	62.5	3.3	5.4	2.2	17.4	9.2	100.0
NGAMILAND WEST	83.6	3.4	2.6	2.6	7.8	-.-	100.0
NGAMILAND EAST	95.5	2.8	-.-	-.-	1.7	-.-	100.0
CHOBE	-.-	-.-	14.3	-.-	42.9	42.9	100.0
MAUN REGION	88.7	3.0	1.3	1.0	5.0	1.0	100.0
GHANZI	47.1	32.9	2.9	2.9	4.3	10.0	100.0
KGALAGADI	46.7	23.3	-.-	1.7	3.3	25.0	100.0
HUKUNTSI	41.7	8.3	4.2	4.2	4.2	37.5	100.0
WESTERN REGION	46.1	25.3	1.9	2.6	3.9	20.1	100.0
TOTAL TRADITIONAL	58.5	13.0	7.0	3.9	9.3	8.3	100.0
TOTAL COMMERCIAL	34.6	44.0	2.2	1.5	15.9	1.9	100.0
TOTAL	46.5	28.6	4.6	2.7	12.6	5.1	100.0

* Botswana Meat Commission

Goats, Sheep & Other Livestock

TABLE-28 GOATS : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	GOAT FARMS		TOTAL GOATS		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	NUMBER
BAROLONG	1,200	1.8	18.0	0.9	15.0
NGWAKETSE SOUTH	2,500	3.7	45.1	2.4	18.0
NGWAKETSE NORTH	5,600	8.2	125.4	6.6	22.4
NGWAKETSE CENTRAL	1,000	1.5	21.4	1.1	21.4
SOUTHERN REGION	10,300	15.2	209.9	11.1	20.4
BAMALETE	2,200	3.2	42.8	2.3	19.5
KWENENG SOUTH	6,700	9.9	142.0	7.5	21.2
KWENENG NORTH	2,300	3.4	50.8	2.7	22.1
KGATLENG	3,500	5.2	105.4	5.6	30.1
GABORONE REGION	14,700	21.7	341.0	18.0	23.2
MAHALAPYE EAST	3,800	5.6	111.7	5.9	29.4
MAHALAPYE WEST	2,900	4.3	87.3	4.6	30.1
PALAPYE	4,400	6.5	123.6	6.5	28.1
SEROWE	3,800	5.6	125.4	6.6	33.0
LETLHAKANE	2,000	2.9	70.4	3.7	35.2
BOBONONG	5,300	7.8	167.4	8.8	31.6
CENTRAL REGION	22,200	32.7	685.8	36.1	30.9
TATI	5,100	7.5	122.9	6.5	24.1
TUTUME	5,800	8.5	140.3	7.4	24.2
FRANCISTOWN REGION	10,900	16.1	263.2	13.9	24.1
NGAMILAND WEST	2,600	3.8	85.2	4.5	32.8
NGAMILAND EAST	3,400	5.0	127.8	6.7	37.6
CHOBE	700	1.0	5.5	0.3	7.9
MAUN REGION	6,700	9.9	218.5	11.5	32.6
GHANZI	800	1.2	36.3	1.9	45.4
KGALAGADI	1,000	1.5	43.9	2.3	43.9
HUKUNTSI	900	1.3	41.8	2.2	46.4
WESTERN REGION	2,700	4.0	122.0	6.4	45.2
TOTAL TRADITIONAL	67,500	99.4	1840.4	97.0	27.3
TOTAL COMMERCIAL	390	0.6	56.8	3.0	145.6
TOTAL	67,890	100.0	1897.2	100.0	27.9

TABLE-29 GOATS: FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF GOAT HOLDING

	GOAT FARMS		TOTAL GOATS		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	NUMBER
FLOCK SIZE					
1 - 5	9,300	13.8	32.6	1.8	3.5
6 - 10	11,200	16.6	90.7	4.9	8.1
11 - 15	8,300	12.3	107.2	5.8	12.9
16 - 20	8,700	12.9	158.0	8.6	18.2
21 - 30	11,500	17.0	290.7	15.8	25.3
31 - 40	7,100	10.5	251.4	13.7	35.4
41 - 50	3,400	5.0	154.8	8.4	45.5
51 +	8,000	11.9	755.0	41.0	94.4
TOTAL TRADITIONAL	67,500	100.0	1840.4	100.0	27.3
1 - 50	55	14.1	1.7	3.0	30.9
51 - 100	190	48.7	14.4	25.4	75.8
101 - 200	60	15.4	9.8	17.3	163.3
201 +	85	21.8	30.9	54.4	363.5
TOTAL COMMERCIAL	390	100.0	56.8	100.0	145.6
TOTAL	67,890	-.-	1897.2	-.-	27.9

TABLE -30 GOAT HERD COMPOSITION : NUMBER OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY DISTRICT & REGION

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			--('000)--		
BAROLONG	2.5	10.0	2.4	3.1	18.0
NGWAKETSE SOUTH	7.6	26.2	5.1	6.2	45.1
NGWAKETSE NORTH	19.6	70.8	15.5	19.5	125.4
NGWAKETSE CENTRAL	4.1	12.4	2.3	2.6	21.4
SOUTHERN REGION	33.8	119.4	25.3	31.4	209.9
BAMALETE	7.3	21.6	7.1	6.8	42.8
KWENENG SOUTH	27.1	71.6	20.2	23.1	142.0
KWENENG NORTH	7.3	28.0	7.6	7.9	50.8
KGATLENG	16.7	58.6	12.8	17.3	105.4
GABORONE REGION	58.4	179.8	47.7	55.1	341.0
MAHALAPYE EAST	15.0	64.5	15.2	17.0	111.7
MAHALAPYE WEST	11.2	49.8	13.0	13.3	87.3
PALAPYE	19.0	62.6	20.1	21.9	123.6
SEROWE	15.9	65.9	20.4	23.2	125.4
LETLHAKANE	9.2	40.1	10.2	10.9	70.4
BOBONONG	23.0	95.2	23.0	26.2	167.4
CENTRAL REGION	93.3	378.1	101.9	112.5	685.8
TATI	16.3	65.6	17.7	23.3	122.9
TUTUME	18.6	79.9	20.2	21.6	140.3
FRANCISTOWN REGION	34.9	145.5	37.9	44.9	263.2
NGAMILAND WEST	15.2	48.3	9.8	11.9	85.2
NGAMILAND EAST	24.2	66.8	15.9	20.9	127.8
CHOBE	1.1	2.9	0.6	0.9	5.5
MAUN REGION	40.5	118.0	26.3	33.7	218.5
GHANZI	6.3	19.1	4.8	6.1	36.3
KGALAGADI	6.6	25.4	5.5	6.4	43.9
HUKUNTSI	6.9	22.7	5.8	6.4	41.8
WESTERN REGION	19.8	67.2	16.1	18.9	122.0
TOTAL TRADITIONAL	280.7	1008.0	255.2	296.5	1840.4
TOTAL COMMERCIAL	8.5	31.6	7.5	9.2	56.8
TOTAL	289.2	1039.6	262.7	305.7	1897.2

TABLE -31 GOAT HERD COMPOSITION : PERCENTAGE OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY DISTRICT & REGION

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			--PERCENTAGE--		
BAROLONG	13.9	55.6	13.3	17.2	100.0
NGWAKETSE SOUTH	16.9	58.1	11.3	13.7	100.0
NGWAKETSE NORTH	15.6	56.5	12.4	15.6	100.0
NGWAKETSE CENTRAL	19.2	57.9	10.7	12.1	100.0
SOUTHERN REGION	16.1	56.9	12.1	15.0	100.0
BAMALETE	17.1	50.5	16.6	15.9	100.0
KWENENG SOUTH	19.1	50.4	14.2	16.3	100.0
KWENENG NORTH	14.4	55.1	15.0	15.6	100.0
KGATLENG	15.8	55.6	12.1	16.4	100.0
GABORONE REGION	17.1	52.7	14.0	16.2	100.0
MAHALAPYE EAST	13.4	57.7	13.6	15.2	100.0
MAHALAPYE WEST	12.8	57.0	14.9	15.2	100.0
PALAPYE	15.4	50.6	16.3	17.7	100.0
SEROWE	12.7	52.6	16.3	18.5	100.0
LETLHAKANE	13.1	57.0	14.5	15.5	100.0
BOBONONG	13.7	56.9	13.7	15.7	100.0
CENTRAL REGION	13.6	55.1	14.9	16.4	100.0
TATI	13.3	53.4	14.4	19.0	100.0
TUTUME	13.3	56.9	14.4	15.4	100.0
FRANCISTOWN REGION	13.3	55.3	14.4	17.1	100.0
NGAMILAND WEST	17.8	56.7	11.5	14.0	100.0
NGAMILAND EAST	18.9	52.3	12.4	16.4	100.0
CHOBE	20.0	52.7	10.9	16.4	100.0
MAUN REGION	18.5	54.0	12.0	15.4	100.0
GHANZI	17.4	52.6	13.2	16.8	100.0
KGALAGADI	15.0	57.9	12.5	14.6	100.0
HUKUNTSI	16.5	54.3	13.9	15.3	100.0
WESTERN REGION	16.2	55.1	13.2	15.5	100.0
TOTAL TRADITIONAL	15.3	54.8	13.9	16.1	100.0
TOTAL COMMERCIAL	15.0	55.6	13.2	16.2	100.0
TOTAL	15.2	54.8	13.8	16.1	100.0

TABLE -32 GOAT HERD COMPOSITION : NUMBER OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

FLOCK SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			--('000)--		
1 - 5	2.9	21.8	3.8	4.1	32.6
6 - 10	13.9	49.3	12.7	14.8	90.7
11 - 15	15.4	58.2	15.0	18.6	107.2
16 - 20	27.8	81.6	22.7	25.9	158.0
21 - 30	43.6	152.0	43.5	51.6	290.7
31 - 40	35.8	137.8	38.2	39.6	251.4
41 - 50	23.6	82.9	23.3	25.0	154.8
51 +	117.7	424.4	96.0	116.9	755.0
TOTAL TRADITIONAL	280.7	1008.0	255.2	296.5	1840.4
1 - 50	0.3	0.9	0.2	0.3	1.7
51 - 100	2.2	7.6	2.1	2.5	14.4
101 - 200	1.8	5.0	1.4	1.6	9.8
201 +	4.2	18.1	3.8	4.8	30.9
TOTAL COMMERCIAL	8.5	31.6	7.5	9.2	56.8
TOTAL	289.2	1039.6	262.7	305.7	1897.2

TABLE -33 GOAT HERD COMPOSITION : PERCENTAGE OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

FLOCK SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
	--PERCENTAGE--				
1 - 5	8.9	66.9	11.7	12.6	100.0
6 - 10	15.3	54.4	14.0	16.3	100.0
11 - 15	14.4	54.3	14.0	17.4	100.0
16 - 20	17.6	51.6	14.4	16.4	100.0
21 - 30	15.0	52.3	15.0	17.8	100.0
31 - 40	14.2	54.8	15.2	15.8	100.0
41 - 50	15.2	53.6	15.1	16.1	100.0
51 +	15.6	56.2	12.7	15.5	100.0
TOTAL TRADITIONAL	15.3	54.8	13.9	16.1	100.0
1 - 50	17.6	52.9	11.8	17.6	100.0
51 - 100	15.3	52.8	14.6	17.4	100.0
101 - 200	18.4	51.0	14.3	16.3	100.0
201 +	13.6	58.6	12.3	15.5	100.0
TOTAL COMMERCIAL	15.0	55.6	13.2	16.2	100.0
TOTAL	15.2	54.8	13.8	16.1	100.0

TABLE -34 GOATS INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER AND PURCHASES BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
	-NUMBER ('000)-				
BAROLONG	7.5	5.8	0.4	1.6	0.2
NGWAKETSE SOUTH	19.1	11.6	1.4	3.0	0.8
NGWAKETSE NORTH	56.8	23.3	6.5	9.7	2.0
NGWAKETSE CENTRAL	8.5	3.9	0.9	1.0	0.3
SOUTHERN REGION	91.9	44.6	9.2	15.3	3.3
BAMALETE	20.0	8.9	3.4	2.7	0.8
KWENENG SOUTH	58.0	29.8	9.7	11.3	3.9
KWENENG NORTH	20.4	7.2	3.1	3.2	0.6
KGATLENG	38.5	17.3	5.9	7.6	2.4
GABORONE REGION	136.9	63.2	22.1	24.8	7.7
MAHALAPYE EAST	49.3	21.9	6.9	9.0	3.1
MAHALAPYE WEST	42.8	18.6	4.7	7.7	1.1
PALAPYE	50.1	20.8	5.7	9.7	2.5
SEROWE	53.4	21.6	7.0	8.5	2.0
LETLHAKANE	26.0	10.4	2.9	3.5	0.5
BOBONONG	71.3	29.3	10.7	13.1	2.1
CENTRAL REGION	292.9	122.6	37.9	51.5	11.3
TATI	52.4	24.0	4.5	8.2	2.7
TUTUME	49.2	21.9	5.9	9.5	1.8
FRANCISTOWN REGION	101.6	45.9	10.4	17.7	4.5
NGAMILAND WEST	35.4	22.9	2.8	7.5	1.0
NGAMILAND EAST	47.6	33.9	6.1	9.7	2.0
CHOBE	2.9	1.7	0.1	0.4	0.1
MAUN REGION	85.9	58.5	9.0	17.6	3.1
GHANZI	15.4	6.5	1.9	3.2	0.7
KGALAGADI	19.1	9.0	1.8	4.7	0.6
HUKUNTSI	17.4	8.2	1.9	4.0	0.5
WESTERN REGION	51.9	23.7	5.6	11.9	1.8
TOTAL TRADITIONAL	761.1	358.5	94.2	138.8	31.7
TOTAL COMMERCIAL	26.8	6.6	8.0	7.1	2.0
TOTAL	787.9	365.1	102.2	145.9	33.7

TABLE-35 GOATS INVENTORY : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL GOATS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-PERCENTAGE-		
BAROLONG	41.7	32.2	2.2	8.9	1.1
NGWAKETSE SOUTH	42.4	25.7	3.1	6.7	1.8
NGWAKETSE NORTH	45.3	18.6	5.2	7.7	1.6
NGWAKETSE CENTRAL	39.7	18.2	4.2	4.7	1.4
SOUTHERN REGION	43.8	21.2	4.4	7.3	1.6
BAMALETE	46.7	20.8	7.9	6.3	1.9
KWENENG SOUTH	40.8	21.0	6.8	8.0	2.7
KWENENG NORTH	40.2	14.2	6.1	6.3	1.2
KGATLENG	36.5	16.4	5.6	7.2	2.3
GABORONE REGION	40.1	18.5	6.5	7.3	2.3
MAHALAPYE EAST	44.1	19.6	6.2	8.1	2.8
MAHALAPYE WEST	49.0	21.3	5.4	8.8	1.3
PALAPYE	40.5	16.8	4.6	7.8	2.0
SEROWE	42.6	17.2	5.6	6.8	1.6
LETLHAKANE	36.9	14.8	4.1	5.0	0.7
BOBONONG	42.6	17.5	6.4	7.8	1.3
CENTRAL REGION	42.7	17.9	5.5	7.5	1.6
TATI	42.6	19.5	3.7	6.7	2.2
TUTUME	35.1	15.6	4.2	6.8	1.3
FRANCISTOWN REGION	38.6	17.4	4.0	6.7	1.7
NGAMILAND WEST	41.5	26.9	3.3	8.8	1.2
NGAMILAND EAST	37.2	26.5	4.8	7.6	1.6
CHOBE	52.7	30.9	1.8	7.3	1.8
MAUN REGION	39.3	26.8	4.1	8.1	1.4
GHANZI	42.4	17.9	5.2	8.8	1.9
KGALAGADI	43.5	20.5	4.1	10.7	1.4
HUKUNTSI	41.6	19.6	4.5	9.6	1.2
WESTERN REGION	42.5	19.4	4.6	9.8	1.5
TOTAL TRADITIONAL	41.4	19.5	5.1	7.5	1.7
TOTAL COMMERCIAL	47.2	11.6	14.1	12.5	3.5
TOTAL	41.5	19.2	5.4	7.7	1.8

TABLE -36 GOATS INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY SIZE OF GOAT HOLDING

FLOCK SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
	-NUMBER ('000)-				
< 5	16.4	16.1	2.1	4.8	2.5
6 - 10	47.1	36.5	2.9	7.5	5.6
11 - 15	50.9	28.8	2.5	10.5	3.3
16 - 20	75.9	40.9	4.6	11.8	2.0
21 - 30	139.2	52.9	7.8	21.9	2.5
31 - 40	106.3	41.9	8.2	21.5	2.0
41 - 50	76.1	26.6	5.8	13.8	2.8
51 +	249.2	114.8	60.3	47.0	11.0
TOTAL TRADITIONAL	761.1	358.5	94.2	138.8	31.7
< 50	0.7	0.5	0.4	0.3	0.1
51 - 100	6.9	1.8	1.5	0.9	0.2
101 - 200	4.9	1.2	1.2	1.3	0.3
201 +	14.3	3.1	4.9	4.6	1.4
TOTAL COMMERCIAL	26.8	6.6	8.0	7.1	2.0
TOTAL	787.9	365.1	102.2	145.9	33.7

TABLE-37 GOATS INVENTORY : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL GOATS BY SIZE OF GOAT HOLDING

FLOCK SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
	-PERCENTAGE-				
1 - 5	41.7	46.3	3.7	5.2	7.7
6 - 10	51.9	40.2	3.2	3.4	6.2
11 - 15	47.5	26.9	2.3	7.0	3.1
16 - 20	48.0	25.9	2.9	6.6	1.3
21 - 30	47.9	18.2	2.7	4.1	0.9
31 - 40	42.3	16.7	3.3	8.7	0.8
41 - 50	49.2	17.2	3.7	13.9	1.8
51 +	33.0	15.2	8.0	1.8	1.5
TOTAL TRADITIONAL	41.4	19.5	5.1	0.0	1.7
1 - 50	41.2	23.5	11.8	5.9	5.9
51 - 100	47.9	12.5	10.4	6.3	1.4
101 - 200	50.0	12.2	12.2	13.3	3.1
201 +	46.3	10.0	15.9	14.9	4.5
TOTAL COMMERCIAL	47.2	11.6	14.1	12.5	3.5
TOTAL	41.5	19.2	5.4	7.7	1.8

TABLE-38 SHEEP: FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	SHEEP FARMS		TOTAL SHEEP		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	NUMBER
BAROLONG	600	3.7	8.2	2.9	13.7
NGWAKETSE SOUTH	1,100	6.8	18.8	6.6	17.1
NGWAKETSE NORTH	1,400	8.6	20.5	7.2	14.6
NGWAKETSE CENTRAL	600	3.7	9.9	3.5	16.5
SOUTHERN REGION	3,700	22.8	57.4	20.1	15.5
BAMALETE	200	1.2	1.4	0.5	7.0
KWENENG SOUTH	2,000	12.3	18.5	6.5	9.3
KWENENG NORTH	600	3.7	5.3	1.9	8.8
KGATLENG	600	3.7	5.9	2.1	9.8
GABORONE REGION	3,400	21.0	31.1	10.9	9.1
MAHALAPYE EAST	1,000	6.2	14.6	5.1	14.6
MAHALAPYE WEST	700	4.3	13.2	4.6	18.9
PALAPYE	600	3.7	8.6	3.0	14.3
SEROWE	600	3.7	15.8	5.5	26.3
LETLHAKANE	300	1.9	3.5	1.2	11.7
BOBONONG	1,200	7.4	20.5	7.2	17.1
CENTRAL REGION	4,400	27.2	76.2	26.7	17.3
TATI	1,400	8.6	16.5	5.8	11.8
TUTUME	900	5.6	8.8	3.1	9.8
FRANCISTOWN REGION	2,300	14.2	25.3	8.9	11.0
NGAMILAND WEST	400	2.5	10.2	3.6	25.5
NGAMILAND EAST	300	1.9	6.5	2.3	21.7
CHOBE	50	0.3	0.4	0.1	8.0
MAUN REGION	750	4.6	17.1	6.0	22.8
GHANZI	300	1.9	8.9	3.1	29.7
KGALAGADI	600	3.7	14.2	5.0	23.7
HUKUNTSI	400	2.5	9.6	3.4	24.0
WESTERN REGION	1,300	8.0	32.7	11.4	25.2
TOTAL TRADITIONAL	15,850	97.8	239.8	83.9	15.1
TOTAL COMMERCIAL	350	2.2	45.9	16.1	131.1
TOTAL	16,200	100.0	285.7	100.0	17.6

TABLE-39 SHEEP: FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF SHEEP HOLDING

FLOCK SIZE	SHEEP FARMS NUMBER	SHEEP FARMS PERCENTAGE	TOTAL SHEEP NUMBER ('000)	TOTAL SHEEP PERCENTAGE	AVERAGE PER FARM NUMBER
1 - 5	5,650	35.6	17.5	7.3	3.1
6 - 10	3,900	24.6	30.7	12.8	7.9
11 - 20	3,000	18.9	46.5	19.4	15.5
21 - 30	1,400	8.8	35.8	14.9	25.6
31 +	1,900	12.0	109.3	45.6	57.5
TOTAL TRADITIONAL	15,850	100.0	239.8	100.0	15.1
1 - 50	90	25.7	2.4	5.2	26.7
51 - 100	120	34.3	9.1	19.8	75.8
101 - 200	50	14.3	7.3	15.9	146.0
201 +	90	25.7	27.1	59.0	301.1
TOTAL COMMERCIAL	350	100.0	45.9	100.0	131.1
TOTAL	16,200	-.-	285.7	-.-	17.6

TABLE -40 SHEEP HERD COMPOSITION : NUMBER OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY DISTRICT & REGION

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			--('000)--		
BAROLONG	1.3	5.0	0.9	1.0	8.2
NGWAKETSE SOUTH	3.9	9.6	2.2	3.1	18.8
NGWAKETSE NORTH	4.7	10.7	2.3	2.8	20.5
NGWAKETSE CENTRAL	1.9	5.5	1.1	1.4	9.9
SOUTHERN REGION	11.8	30.8	6.5	8.3	57.4
BAMALETE	0.3	0.7	0.1	0.3	1.4
KWENENG SOUTH	4.8	9.3	1.9	2.5	18.5
KWENENG NORTH	1.1	3.2	0.4	0.6	5.3
KGATLENG	1.1	3.4	0.6	0.8	5.9
GABORONE REGION	7.3	16.6	3.0	4.2	31.1
MAHALAPYE EAST	1.7	8.7	1.7	2.5	14.6
MAHALAPYE WEST	2.8	6.5	1.9	2.0	13.2
PALAPYE	1.7	4.3	1.2	1.4	8.6
SEROWE	2.2	9.6	1.7	2.3	15.8
LETLHAKANE	0.7	1.7	0.5	0.6	3.5
BOBONONG	3.8	11.7	2.4	2.6	20.5
CENTRAL REGION	12.9	42.5	9.4	11.4	76.2
TATI	3.0	8.7	2.0	2.8	16.5
TUTUME	1.6	4.8	1.1	1.3	8.8
FRANCISTOWN REGION	4.6	13.5	3.1	4.1	25.3
NGAMILAND WEST	1.5	6.3	0.9	1.5	10.2
NGAMILAND EAST	1.6	2.9	0.8	1.2	6.5
CHOBE	0.1	0.1	0.1	0.1	0.4
MAUN REGION	3.2	9.3	1.8	2.8	17.1
GHANZI	0.7	6.0	0.7	1.5	8.9
KGALAGADI	2.9	9.5	0.6	1.2	14.2
HUKUNTSI	0.7	6.5	0.7	1.7	9.6
WESTERN REGION	4.3	22.0	2.0	4.4	32.7
TOTAL TRADITIONAL	44.1	134.7	25.8	35.2	239.8
TOTAL COMMERCIAL	5.8	27.6	5.7	6.8	45.9
TOTAL	49.9	162.3	31.5	42.0	285.7

TABLE -41 SHEEP HERD COMPOSITION : PERCENTAGE OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY DISTRICT & REGION

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
			PERCENTAGE		
BAROLONG	15.6	61.1	11.1	12.2	100.0
NGWAKETSE SOUTH	20.7	51.1	11.7	16.5	100.0
NGWAKETSE NORTH	23.1	52.4	11.1	13.3	100.0
NGWAKETSE CENTRAL	19.3	56.0	11.0	13.8	100.0
SOUTHERN REGION	20.6	53.9	11.3	14.2	100.0
BAMALETE	21.4	50.0	7.1	21.4	100.0
KWENENG SOUTH	25.7	50.0	10.2	14.1	100.0
KWENENG NORTH	21.0	61.3	8.1	9.7	100.0
KGATLENG	19.4	58.2	10.4	11.9	100.0
GABORONE REGION	23.5	53.6	9.7	13.2	100.0
MAHALAPYE EAST	11.5	59.6	11.5	17.3	100.0
MAHALAPYE WEST	21.3	49.6	14.2	14.9	100.0
PALAPYE	19.8	50.0	14.0	16.3	100.0
SEROWE	13.7	60.9	10.6	14.9	100.0
LETLHAKANE	20.0	48.6	14.3	17.1	100.0
BOBONONG	18.3	57.0	11.6	13.1	100.0
CENTRAL REGION	16.9	55.9	12.2	15.1	100.0
TATI	18.2	52.7	12.1	17.0	100.0
TUTUME	18.6	54.2	12.7	14.4	100.0
FRANCISTOWN REGION	18.4	53.4	12.4	15.9	100.0
NGAMILAND WEST	14.8	61.3	9.2	14.8	100.0
NGAMILAND EAST	24.6	44.6	12.3	18.5	100.0
CHOBE	25.0	25.0	25.0	25.0	100.0
MAUN REGION	18.0	55.5	10.4	16.1	100.0
GHANZI	7.9	67.4	7.9	16.9	100.0
KGALAGADI	20.6	67.2	4.4	7.8	100.0
HUKUNTSI	7.8	68.1	7.8	16.4	100.0
WESTERN REGION	13.8	67.5	6.2	12.5	100.0
TOTAL TRADITIONAL	18.4	56.5	10.7	14.4	100.0
TOTAL COMMERCIAL	12.6	60.1	12.4	14.8	100.0
TOTAL	17.5	57.0	10.9	14.5	100.0

TABLE -42 SHEEP HERD COMPOSITION : NUMBER OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

FLOCK SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL SHEEP
	-('000)-				
1 - 5	3.3	10.5	1.6	2.1	17.5
6 - 10	6.1	17.4	3.5	3.7	30.7
11 - 20	7.9	24.1	6.7	7.8	46.5
21 - 30	7.5	18.8	4.5	5.0	35.8
31 +	19.3	63.9	9.5	16.6	109.3
TOTAL TRADITIONAL	44.1	134.7	25.8	35.2	239.8
1 - 50	0.2	1.4	0.3	0.5	2.4
51 - 100	1.0	4.9	1.5	1.7	9.1
101 - 200	0.9	4.5	0.8	1.1	7.3
201 +	3.7	16.8	3.1	3.5	27.1
TOTAL COMMERCIAL	5.8	27.6	5.7	6.8	45.9
TOTAL	49.9	162.3	31.5	42.0	285.7

TABLE -43 SHEEP HERD COMPOSITION : RATIO OF MALES AND FEMALES ONE YEAR & OVER, MALES AND FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

FLOCK SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL SHEEP
			PERCENTAGE		
1 - 5	18.9	60.0	9.1	12.0	100.0
6 - 10	19.9	56.7	11.4	12.1	100.0
11 - 20	17.0	51.8	14.4	16.8	100.0
21 - 30	20.9	52.5	12.6	14.0	100.0
31 +	17.7	58.5	8.7	15.2	100.0
TOTAL TRADITIONAL	18.4	56.5	10.7	14.4	100.0
1 - 50	8.3	58.3	12.5	20.8	100.0
51 - 100	11.0	53.8	16.5	18.7	100.0
101 - 200	12.3	61.6	11.0	15.1	100.0
201 +	13.7	62.0	11.4	12.9	100.0
TOTAL COMMERCIAL	12.6	60.1	12.4	14.8	100.0
TOTAL	17.5	57.0	10.9	14.5	100.0

TABLE -44 SHEEP INVENTORY : NUMBER OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER AND PURCHASES BY DISTRICTS AND REGION

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			-(000)-		
TRADITIONAL					
BAROLONG	3.5	1.5	0.3	0.3	0.1
NGWAKETSE SOUTH	8.4	5.1	0.9	0.6	0.5
NGWAKETSE NORTH	9.5	3.5	1.1	0.9	0.7
NGWAKETSE CENTRAL	4.5	1.7	0.4	0.4	0.2
SOUTHERN REGION	25.9	11.8	2.7	2.2	1.5
BAMALETE	0.5	0.2	0.1	0.2	0.0
KWENENG SOUTH	7.4	3.1	1.1	0.9	1.4
KWENENG NORTH	1.9	1.0	0.4	0.2	0.2
KGATLENG	2.1	1.1	0.6	0.4	0.2
GABORONE REGION	11.9	5.4	2.2	1.7	1.8
MAHALAPYE EAST	6.1	2.5	1.5	0.7	0.3
MAHALAPYE WEST	4.2	2.1	1.7	0.6	0.2
PALAPYE	2.9	1.2	0.4	0.3	0.1
SEROWE	4.5	2.6	0.9	0.4	0.4
LETLHAKANE	1.4	0.6	0.2	0.1	0.1
BOBONONG	7.2	3.1	1.4	1.2	0.9
CENTRAL REGION	26.3	12.1	6.1	3.3	2.0
TATI	5.6	3.7	1.1	0.8	0.6
TUTUME	4.1	2.3	0.5	0.6	0.4
FRANCISTOWN REGION	9.7	6.0	1.6	1.4	1.0
NGAMILAND WEST	5.3	2.8	2.0	0.6	0.1
NGAMILAND EAST	2.0	1.1	0.5	0.3	0.1
CHOBE	0.1	0.1	0.0	0.1	0.0
MAUN REGION	7.4	4.0	2.5	1.0	0.2
GHANZI	2.6	2.1	0.8	0.5	0.4
KGALAGADI	5.6	3.7	1.4	2.0	0.2
HUKUNTSI	3.7	2.4	0.8	1.3	0.2
WESTERN REGION	11.9	8.2	3.0	3.8	0.8
TOTAL TRADITIONAL	93.1	47.5	18.1	13.4	7.3
TOTAL COMMERCIAL	18.5	5.4	8.8	4.0	5.1
TOTAL	111.6	52.9	26.9	17.4	12.4

TABLE-45 SHEEP INVENTORY : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL SHEEP BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			PERCENTAGE		
BAROLONG	42.7	18.3	3.7	3.7	1.2
NGWAKETSE SOUTH	44.7	27.1	4.8	3.2	2.7
NGWAKETSE NORTH	46.3	17.1	5.4	4.4	3.4
NGWAKETSE CENTRAL	45.5	17.2	4.0	4.0	2.0
SOUTHERN REGION	45.1	20.6	4.7	3.8	2.6
BAMALETE	35.7	14.3	7.1	14.3	0.0
KWENENG SOUTH	40.0	16.8	5.9	4.9	7.6
KWENENG NORTH	35.8	18.9	7.5	3.8	3.8
KGATLENG	35.6	18.6	10.2	6.8	3.4
GABORONE REGION	38.3	17.4	7.1	5.5	5.8
MAHALAPYE EAST	41.8	17.1	10.3	4.8	2.1
MAHALAPYE WEST	31.8	15.9	12.9	4.5	1.5
PALAPYE	33.7	14.0	4.7	3.5	1.2
SEROWE	28.5	16.5	5.7	2.5	2.5
LETLHAKANE	40.0	17.1	5.7	2.9	2.9
BOBONONG	35.1	15.1	6.8	5.9	4.4
CENTRAL REGION	34.5	15.9	8.0	4.3	2.6
TATI	33.9	22.4	6.7	4.8	3.6
TUTUME	46.6	26.1	5.7	6.8	4.5
FRANCISTOWN REGION	38.3	23.7	6.3	5.5	4.0
NGAMILAND WEST	52.0	27.5	19.6	5.9	1.0
NGAMILAND EAST	30.8	16.9	7.7	4.6	1.5
CHOBE	25.0	25.0	0.0	25.0	0.0
MAUN REGION	43.3	23.4	14.6	5.8	1.2
GHANZI	29.2	23.6	9.0	5.6	4.5
KGALAGADI	39.4	26.1	9.9	14.1	1.4
HUKUNTSI	38.5	25.0	8.3	13.5	2.1
WESTERN REGION	36.4	25.1	9.2	11.6	2.4
TOTAL TRADITIONAL	38.8	19.8	7.5	5.6	3.0
TOTAL COMMERCIAL	40.3	11.8	19.2	8.7	11.1
TOTAL	39.1	18.5	9.4	6.1	4.3

TABLE -46 SHEEP INVENTORY : NUMBER OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES BY SIZE OF SHEEP HOLDING

FLOCK SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
			('000)		
< 5	7.6	7.6	1.0	1.3	1.2
6 - 10	11.2	7.5	1.2	1.3	0.7
11 - 20	16.5	9.1	2.0	2.2	0.9
21 - 30	13.9	7.2	1.8	1.8	1.0
31 +	43.9	16.1	12.1	6.8	3.5
TOTAL TRADITIONAL	93.1	47.5	18.1	13.4	7.3
1 - 50	0.9	0.7	0.9	0.5	0.4
51 - 100	3.5	2.0	1.5	0.8	0.9
101 - 200	2.5	1.3	1.3	0.7	1.1
201 +	11.6	1.4	5.1	2.0	2.7
TOTAL COMMERCIAL	18.5	5.4	8.8	4.0	5.1
TOTAL	111.6	52.9	26.9	17.4	12.4

TABLE-47 SHEEP INVENTORY : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL SHEEP BY SIZE OF SHEEP HOLDING

FLOCK SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
	-PERCENTAGE-				
1 - 5	34.9	37.1	4.0	2.3	6.9
6 - 10	36.5	24.4	3.9	2.9	2.3
11 - 20	35.5	19.6	4.3	2.8	1.9
21 - 30	38.8	20.1	5.0	6.1	2.8
31 +	40.2	14.7	11.1	1.6	3.2
TOTAL TRADITIONAL	38.8	19.8	7.5	5.6	3.0
1 - 50	33.3	20.8	25.0	16.7	16.7
51 - 100	38.5	22.0	16.5	8.8	9.9
101 - 200	34.2	17.8	17.8	9.6	15.1
201 +	42.8	5.2	18.8	7.4	10.0
TOTAL COMMERCIAL	40.3	11.8	19.2	8.7	11.1
TOTAL	39.1	18.5	9.4	6.1	4.3

TABLE-48 DONKEYS : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	DONKEY FARMS		TOTAL DONKEYS		AVERAGE PER FARM NUMBER
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	
BAROLONG	600	2.2	3.1	2.1	5.2
NGWAKETSE SOUTH	1,800	6.6	10.1	6.7	5.6
NGWAKETSE NORTH	1,700	6.2	10.4	6.9	6.1
NGWAKETSE CENTRAL	400	1.5	2.4	1.6	6.0
SOUTHEREN REGION	4,500	16.4	26.0	17.2	5.8
BAMALETE	400	1.5	2.1	1.4	5.3
KWENENG SOUTH	2,500	9.1	12.0	8.0	4.8
KWENENG NORTH	1,100	4.0	4.9	3.2	4.5
KGATLENG	1,000	3.7	7.0	4.6	7.0
GABORONE REGION	5,000	18.3	26.0	17.2	5.2
MAHALAPYE EAST	1,600	5.8	9.6	6.4	6.0
MAHALAPYE WEST	800	2.9	6.4	4.2	8.0
PALAPYE	2,100	7.7	11.6	7.7	5.5
SEROWE	1,500	5.5	9.3	6.2	6.2
LETLHAKANE	700		3.9	2.6	5.6
BOBONONG	3,200	11.7	18.9	12.5	5.9
CENTRAL REGION	9,900	36.2	59.7	39.6	6.0
TATI	1,200	4.4	6.2	4.1	5.2
TUTUME	1,300	4.7	5.6	3.7	4.3
FRANCISTOWN REGION	2,500	9.1	11.8	7.8	4.7
NGAMILAND WEST	1,900	6.9	8.0	5.3	4.2
NGAMILAND EAST	1,500	5.5	7.5	5.0	5.0
CHOBE	100	0.4	0.5	0.3	5.0
MAUN REGION	3,500	12.8	16.0	10.6	4.6
GHANZI	600	2.2	3.0	2.0	5.0
KGALAGADI	700	2.6	3.3	2.2	4.7
HUKUNTSI	500	1.8	2.8	1.9	5.6
WESTERN REGION	1,800	6.6	9.1	6.0	5.1
TOTAL TRADITIONAL	27,200	99.4	148.6	98.5	5.5
TOTAL CORMERCIAL	170	0.6	2.2	1.5	12.9
TOTAL	27,370	100	150.8	100.0	5.5

TABLE 49 - DONKEYS: FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF DONKEY HOLDING

HERD SIZE	DONKEY FARMS		TOTAL DONKEYS		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	NUMBER
1 - 5	16,700	61.4	51.8	34.9	3.1
6 - 10	8,300	30.5	61.6	41.5	7.4
11 - 15	1,600	5.9	19.8	13.3	12.4
16 +	600	2.2	15.4	10.4	25.7
TOTAL TRADITIONAL	27,200	100.0	148.6	100.0	5.5

TABLE-50 CHICKENS : FARMS, BIRDS AND AVERAGE SIZE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	CHICKEN FARMS		TOTAL CHICKENS		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	NUMBER
BAROLONG	1,400	1.8	17.4	0.9	12.4
NGWAKETSE SOUTH	3,100	4.0	31.3	1.6	10.1
NGWAKETSE NORTH	6,900	9.0	91.8	4.6	13.3
NGWAKETSE CENTRAL	1,100	1.4	13.0	0.6	11.8
SOUTHEREN REGION	12,500	16.2	153.5	7.6	12.3
BAMALETE	3,300	4.3	35.6	1.8	10.8
KWENENG SOUTH	7,000	9.1	115.5	5.7	16.5
KWENENG NORTH	2,500	3.2	41.5	2.1	16.6
KGATLENG	5,200	6.8	83.2	4.1	16.0
GABORONE REGION	18,000	23.4	275.8	13.7	15.3
MAHALAPYE EAST	4,100	5.3	60.7	3.0	14.8
MAHALAPYE WEST	3,000	3.9	48.9	2.4	16.3
PALAPYE	5,300	6.9	75.8	3.8	14.3
SEROWE	4,500	5.8	57.6	2.9	12.8
LETLHAKANE	1,400	1.8	17.5	0.9	12.5
BOBONONG	5,800	7.5	92.2	4.6	15.9
CENTRAL REGION	24,100	31.3	352.7	17.5	14.6
TATI	5,900	7.7	97.9	4.9	16.6
TUTUME	5,800	7.5	92.2	4.6	15.9
FRANCISTOWN REGION	11,700	15.2	190.1	9.4	16.2
NGAMILAND WEST	3,100	4.0	32.2	1.6	10.4
NGAMILAND EAST	3,000	3.9	33.3	1.7	11.1
CHOBE	1,600	2.1	20.0	1.0	12.5
MAUN REGION	7,700	10.0	85.5	4.2	11.1
GHANZI	900	1.2	9.9	0.5	11.0
KGALAGADI	900	1.2	10.9	0.5	12.1
HUKUNTSI	800	1.0	9.6	0.5	12.0
WESTERN REGION	2,600	3.4	30.4	1.5	11.7
TOTAL TRADITIONAL	76,600	99.6	1088.0	54.0	14.2
TOTAL CORMERCIAL	330	0.4	925.0	46.0	2803.0
TOTAL	76,930	100.0	2013.0	100.0	26.2

TABLE-51 CHICKENS: FARMS,BIRDS AND AVERAGE SIZE BY SIZE OF CHICKEN HOLDING

FLOCK SIZE	CHICKEN FARMS NUMBER	CHICKEN FARMS PERCENTAGE	TOTAL CHICKENS NUMBER ('000)	TOTAL CHICKENS PERCENTAGE	AVERAGE PER FARM NUMBER
1 - 5	21,100	27.5	71.7	6.6	3.4
6 - 10	19,500	25.5	163.8	15.1	8.4
11 - 15	11,600	15.1	155.3	14.3	13.4
16 - 20	11,500	15.0	216.7	19.9	18.8
21 - 25	3,400	4.4	79.4	7.3	23.4
26 - 30	4,000	5.2	116.2	10.7	29.1
31 +	5,500	7.2	284.9	26.2	51.8
TOTAL TRADITIONAL	76,600	100.0	1088.0	100.0	14.2
1 - 50	140	42.4	3.9	0.4	27.9
51 - 100	80	24.2	6.2	0.7	77.5
101 +	110	33.3	914.9	98.9	8317.3
TOTAL COMMERCIAL	330	100.0	925.0	100.0	2803.0
TOTAL	76,930	-.-	2013.0	-.-	26.2

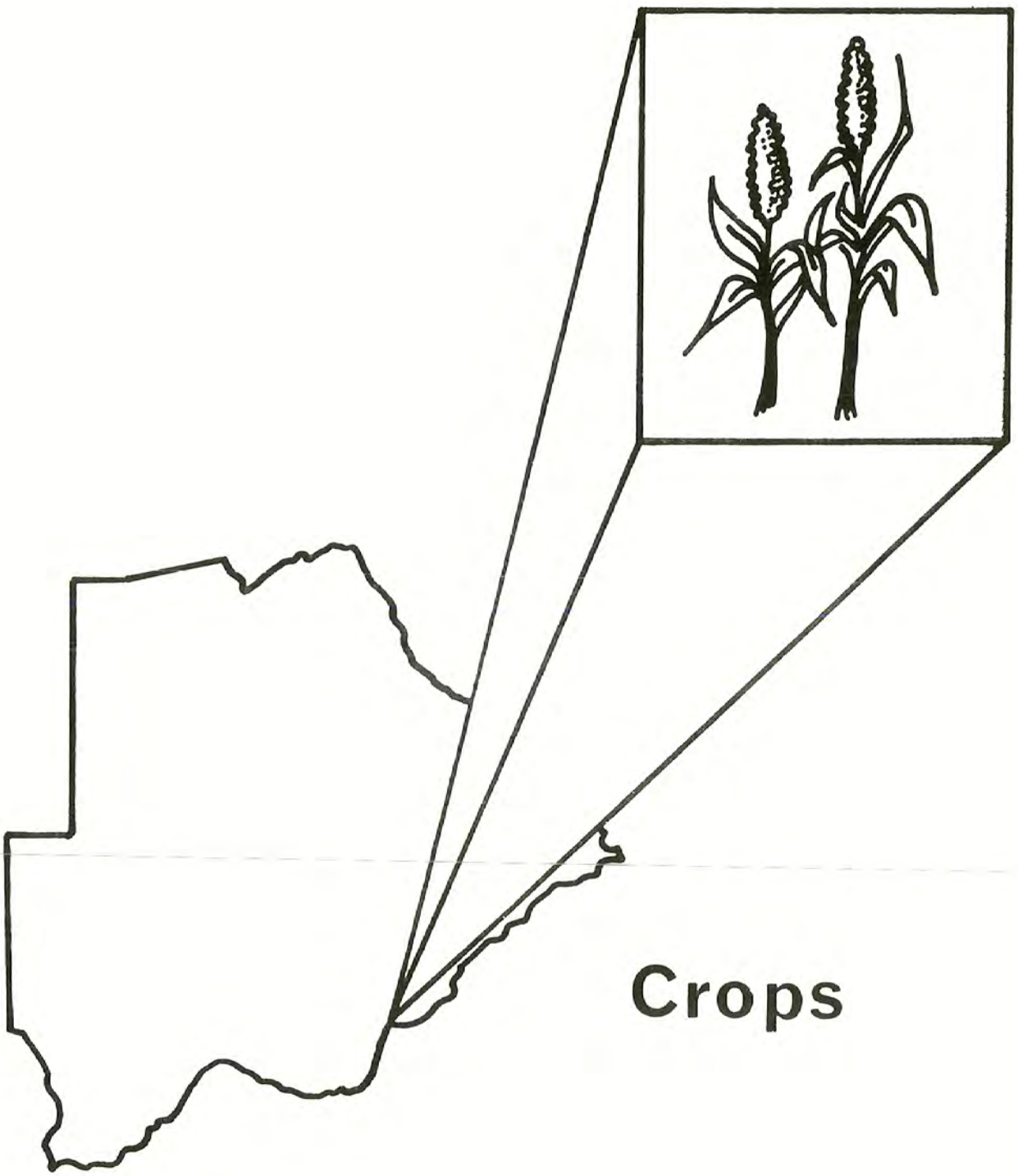
TABLE-52 HORSES : FARMS, ANIMALS AND AVERAGE SIZE BY REGION

DISTRICTS/ REGIONS	HORSE FARMS		TOTAL HORSES		AVERAGE PER FARM
	NUMBER	PERCENTAGE	NUMBER ('000)	PERCENTAGE	NUMBER
SOUTHEREN REGION	900	12.7	3.2	9.9	3.6
GABORONE REGION	950	13.4	2.0	6.2	2.1
CENTRAL REGION	900	12.7	3.7	11.4	4.1
FRANCISTOWN REGION	400	5.6	1.3	4.0	3.3
MAUN REGION	2,300	32.4	9.4	29.0	4.1
WESTERN REGION	1,350	19.0	6.9	21.3	5.1
TOTAL TRADITIONAL	6,800	95.8	26.5	81.8	3.9
TOTAL CORMERCIAL	300	4.2	5.9	18.2	19.7
TOTAL	7,100	100.0	32.4	100.0	4.6

TABLE -53 TOTAL LAND: FARMS, AREA, LAND AREA PER FARM, LAND HOLDING, AVERAGE SIZE OF LAND HOLDING, FIELDS AND AVERAGE SIZE OF FIELD BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARMS WITH LAND	AREA	LAND AREA PER FARM	LAND HOLDINGS	AVERAGE SIZE OF LAND HOLDINGS	FIELDS	AVERAGE SIZE OF FIELDS
	NUMBER	HECTARES ('000)	HECTARES	NUMBER ('000)	HECTARES	NUMBER ('000)	HECTARES
BAROLONG	1,300	11.1	8.5	1.9	5.8	2.2	5.0
NGWAKETSE SOUTH	2,900	23.4	8.1	3.4	6.9	4.4	5.3
NGWAKETSE NORTH	6,000	35.4	5.9	6.7	5.3	7.9	4.5
NGWAKETSE CENTRAL	1,000	5.0	5.0	1.4	3.6	1.7	2.9
SOUTHERN REGION	11,200	74.9	6.7	13.4	5.6	16.2	4.6
BAMALETE	3,400	12.6	3.7	4.2	3.0	3.7	3.4
KWENENG SOUTH	6,900	51.7	7.5	8.4	6.2	7.7	6.7
KWENENG NORTH	2,800	19.6	7.0	3.5	5.6	4.8	4.1
KGATLENG	4,900	36.3	7.4	6.2	5.9	6.2	5.9
GABORONE REGION	18,000	120.2	6.7	22.3	5.4	22.4	5.4
MAHALAPYE EAST	4,000	30.8	7.7	4.4	7.0	4.9	6.3
MAHALAPYE WEST	3,200	25.6	8.0	3.4	7.5	4.3	6.0
PALAPYE	4,300	24.5	5.7	4.6	5.3	5.2	4.7
SEROWE	4,000	16.4	4.1	4.3	3.8	4.6	3.6
LETLHAKANE	1,600	6.2	3.9	1.0	6.2	1.7	3.6
BOBONONG	5,100	29.1	5.7	5.6	5.2	6.8	4.3
CENTRAL REGION	22,200	132.6	6.0	23.3	5.7	27.5	4.8
TATI	5,800	31.9	5.5	6.4	5.0	8.3	3.8
TUTUME	5,700	32.5	5.7	6.0	5.4	9.0	3.6
FRANCISTOWN REGION	11,500	64.4	5.6	12.4	5.2	17.3	3.7
NGAMILAND WEST	3,400	11.2	3.3	3.4	3.3	3.4	3.3
NGAMILAND EAST	3,100	8.1	2.6	3.4	2.4	3.3	2.5
CHOBE	1,400	5.5	3.9	1.4	3.9	1.4	3.9
MAUN REGION	7,900	24.8	3.1	8.2	3.0	8.1	3.1
GHANZI	500	1.6	3.2	0.5	3.2	0.5	3.2
KGALAGADI	700	3.1	4.4	0.7	4.4	0.7	4.4
HUKUNTSI	600	2.3	3.8	0.6	3.8	0.6	3.8
WESTERN REGION	1,800	7.0	3.9	1.8	3.9	1.8	3.9
TOTAL TRADITIONAL	72,600	423.9	5.8	81.4	5.2	93.3	4.5
TOTAL COMMERCIAL	240	71.5	297.9	2/	2/	2/	2/
TOTAL	72,840	495.4	6.8	2/	2/	2/	2/

2/ Not available



Crops

TABLE -54 TOTAL LAND : FARMS, AREA AND LAND AREA PER FARM BY SIZE OF LAND HOLDING TRADITIONAL FARMS

HECTARAGE SIZE	FARMS WITH LAND		LAND AREA		LAND AREA PER FARM
	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	5,500	7.6	3.2	0.8	0.6
1.1 - 2.0	8,100	11.2	12.2	2.9	1.5
2.1 - 3.0	9,700	13.4	24.4	5.8	2.5
3.1 - 4.0	9,800	13.5	34.5	8.1	3.5
4.1 - 5.0	9,200	12.7	41.0	9.7	4.5
5.1 - 6.0	5,400	7.4	29.3	6.9	5.4
6.1 - 7.0	5,200	7.2	34.1	8.0	6.6
7.1 - 8.0	5,000	6.9	37.6	8.9	7.5
8.1 - 9.0	3,000	4.1	25.5	6.0	8.5
9.1 - 10.0	3,400	4.7	32.3	7.6	9.5
10.1 - 15.0	5,400	7.4	64.5	15.2	11.9
15.1 +	2,900	4.0	85.3	20.1	29.4
TOTAL TRADITIONAL	72,600	100.0	423.9	100.0	5.8

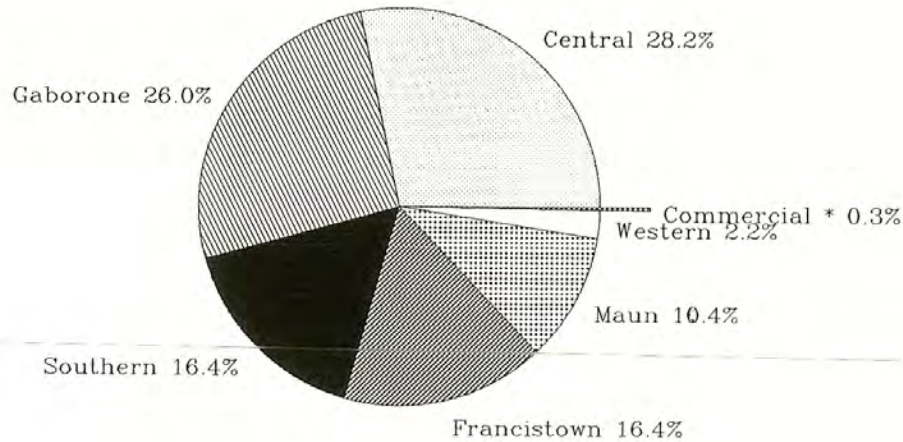
TABLE- 55 CROP LAND(PLANTED) : FARMS, RATIO OF CROP FARMS TO FARMS WITH LAND, AREA PLANTED, RATIO OF LAND PLANTED TO TOTAL LAND, AREA PLANTED PER FARM, FIELDS PLANTED & AVERAGE SIZE OF FIELDS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	CROP FARMS	RATIO OF CROP FARMS TO FARMS LAND	TOTAL AREA PLANTED	RATIO OF LAND PLANTED TO TOTAL LAND	AREA PLANTED PER CROP FARM	FIELDS PLANTED	AVERAGE SIZE OF FIELDS PLANTED
	NUMBER	PERCENTAGE	HECTARES ('000)	PERCENTAGE	HECTARES	NUMBER ('000)	HECTARES
BAROLONG	1,100	84.6	7.8	70.3	7.1	1.6	4.9
NGWAKETSE SOUTH	2,600	89.7	22.4	95.7	8.6	3.7	6.1
NGWAKETSE NORTH	5,800	96.7	33.6	94.9	5.8	8.0	4.2
NGWAKETSE CENTRAL	900	90.0	4.6	92.0	5.1	1.4	3.3
SOUTHERN REGION	10,400	92.9	68.4	91.3	6.6	14.7	4.7
BAMALETE	3,200	94.1	10.8	85.7	3.4	3.5	3.1
KWENENG SOUTH	6,700	97.1	50.2	97.1	7.5	7.4	6.8
KWENENG NORTH	2,400	85.7	17.8	90.8	7.4	2.9	6.1
KGATLENG	4,200	85.7	31.5	86.8	7.5	5.0	6.3
GABORONE REGION	16,500	91.7	110.3	91.8	6.7	18.8	5.9
MAHALAPYE EAST	3,600	90.0	28.3	91.9	7.9	4.3	6.6
MAHALAPYE WEST	2,900	90.6	21.2	82.8	7.3	3.1	6.8
PALAPYE	3,400	79.1	19.4	79.2	5.7	3.9	5.0
SEROWE	2,400	60.0	10.3	62.8	4.3	2.7	3.8
LETLHAKANE	1,000	62.5	4.0	64.5	4.0	1.0	4.0
BOBONONG	4,600	90.2	27.6	94.8	6.0	4.9	5.6
CENTRAL REGION	17,900	80.6	110.8	83.6	6.2	19.9	5.6
TATI	5,000	86.2	26.4	82.8	5.3	5.6	4.7
TUTUME	5,400	94.7	27.6	84.9	5.1	5.7	4.8
FRANCISTOWN REGION	10,400	90.4	54.0	83.9	5.2	11.3	4.8
NGAMILAND WEST	3,000	88.2	7.3	65.2	2.4	3.1	2.4
NGAMILAND EAST	2,500	80.6	5.1	63.0	2.0	2.7	1.9
CHOBE	1,100	78.6	4.4	80.0	4.0	1.3	3.4
MAUN REGION	6,600	83.5	16.8	67.7	2.5	7.1	2.4
GHANZI	400	80.0	0.9	56.3	2.3	0.5	1.8
KGALAGADI	500	71.4	1.9	61.3	3.8	0.6	3.2
HUKUNTSI	500	83.3	1.3	56.5	2.6	0.6	2.2
WESTERN REGION	1,400	77.8	4.1	58.6	2.9	1.7	2.4
TOTAL TRADITIONAL	63,200	87.1	364.4	86.0	5.8	73.5	5.0
TOTAL COMMERCIAL	190	86.4	45.0	62.9	236.8	0.8	56.3
TOTAL	63,390	87.1	409.4	82.6	6.5	74.3	5.5

TABLE -56 CROP LAND(PLANTED) : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF AREA PLANTED
TRADITIONAL FARMS

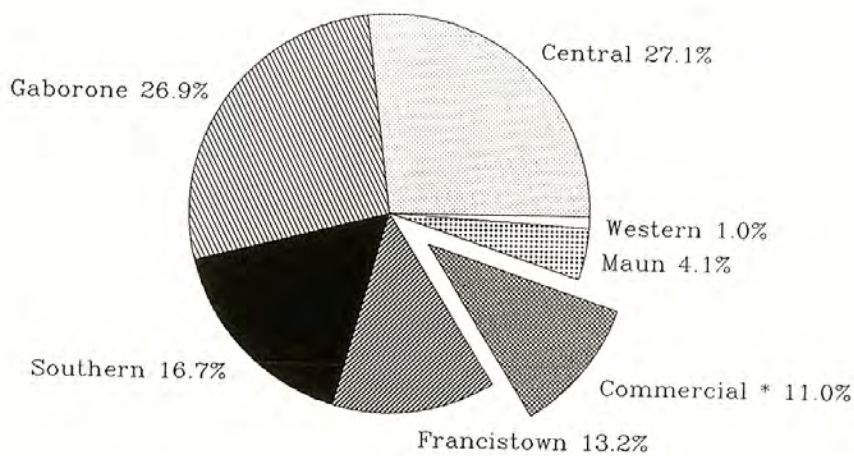
HECTARAGE SIZE	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	5,000	7.9	2.8	0.8	0.6
1.1 - 2.0	7,900	12.5	12.9	3.5	1.6
2.1 - 3.0	9,600	15.2	24.0	6.6	2.5
3.1 - 4.0	8,400	13.3	29.4	8.1	3.5
4.1 - 5.0	8,000	12.7	36.1	9.9	4.5
5.1 - 6.0	4,500	7.1	24.8	6.8	5.5
6.1 - 7.0	4,400	7.0	28.6	7.8	6.5
7.1 - 8.0	3,000	4.7	22.5	6.2	7.5
8.1 - 9.0	2,000	3.2	17.0	4.7	8.5
9.1 - 10.0	2,900	4.6	27.8	7.6	9.6
10.1 - 15.0	4,700	7.4	55.3	15.2	11.8
15.1 +	2,800	4.4	83.2	22.8	29.7
TOTAL TRADITIONAL	63,200	100.0	364.4	100.0	5.8

Chart 16 Crop Farms by Region



* Total of all regions

Chart 17 Area Planted by Region



* Total of all regions

TABLE-57 HARVESTED LAND : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY DISTRICT & REGION

DISTRICTS/ REGIONS	FARMS HARVESTED	RATIO OF FARM HARVESTED TO CROP FARMS	AREA HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVETED PER FARM
	NUMBER	PERCENTAGE	HECTARES ('000)	PERCENTAGE	HECTARES
BAROLONG	600	54.5	4.5	57.7	7.5
NGWAKETSE SOUTH	1,700	65.4	15.7	70.1	9.2
NGWAKETSE NORTH	4,500	77.6	25.5	75.9	5.7
NGWAKETSE CENTRAL	800	88.9	3.2	69.6	4.0
SOUTHERN REGION	7,600	73.1	48.9	71.5	6.4
BAMALETE	2,600	81.3	7.1	65.7	2.7
KWENENG SOUTH	5,600	83.6	40.9	81.5	7.3
KWENENG NORTH	2,200	91.7	15.3	86.0	7.0
KGATLENG	3,000	71.4	22.2	70.5	7.4
GABORONE REGION	13,400	81.2	85.5	77.5	6.4
MAHALAPYE EAST	2,900	80.6	20.9	73.9	7.2
MAHALAPYE WEST	2,400	82.8	18.4	86.8	7.7
PALAPYE	2,200	64.7	10.5	54.1	4.8
SEROWE	1,500	62.5	3.4	33.0	2.3
LETLHAKANE	500	50.0	2.1	52.5	4.2
BOBONONG	3,500	76.1	22.8	82.6	6.5
CENTRAL REGION	13,000	72.6	78.1	70.5	6.0
TATI	3,300	66.0	17.2	65.2	5.2
TUTUME	4,500	83.3	21.7	78.6	4.8
FRANCISTOWN REGION	7,800	75.0	38.9	72.0	5.0
NGAMILAND WEST	1,300	43.3	2.1	28.8	1.6
NGAMILAND EAST	1,200	48.0	1.7	33.3	1.4
CHOBE	700	63.6	2.0	45.5	2.9
MAUN REGION	3,200	48.5	5.8	34.5	1.8
GHANZI	50	12.5	0.2	22.2	4.0
KGALAGADI	100	20.0	0.2	10.5	2.0
HUKUNTSI	50	10.0	0.2	15.4	4.0
WESTERN REGION	200	14.3	0.6	14.6	3.0
TOTAL TRADITIONAL	45,200	71.5	257.8	70.7	5.7
TOTAL COMMERCIAL	140	73.7	27.3	60.7	195.0
TOTAL	45,340	71.5	285.1	69.6	6.3

TABLE - 58 HARVESTED LAND : 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

HECTARAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HA('000)	PERCENTAGE	PERCENTAGE	HECTARES
.1 - 1.0	3,000	6.6	60.0	1.6	0.6	57.1	0.5
1.1 - 2.0	5,400	11.9	68.4	7.2	2.8	55.8	1.3
2.1 - 3.0	6,600	14.6	68.8	16.2	6.3	67.5	2.5
3.1 - 4.0	6,000	13.3	71.4	21.1	8.2	71.8	3.5
4.1 - 5.0	6,000	13.3	75.0	26.8	10.4	74.2	4.5
5.1 - 6.0	3,500	7.7	77.8	20.8	8.1	83.9	5.9
6.1 - 7.0	3,400	7.5	77.3	21.9	8.5	76.6	6.4
7.1 - 8.0	2,200	4.9	73.3	17.3	6.7	76.9	7.9
8.1 - 9.0	1,500	3.3	75.0	13.8	5.4	81.2	9.2
9.1 - 10.0	2,200	4.9	75.9	23.7	9.2	85.3	10.8
10.1 - 15.0	3,400	7.5	72.3	45.9	17.8	83.0	13.5
15.1 +	2,000	4.4	71.4	41.5	16.1	49.9	20.8
TOTAL TRADITIONAL	45,200	100.0	71.5	257.8	100.0	70.7	5.7

TABLE-59 FARMS PLANTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS OTHER CROPS AND TOTAL BY DISTRICT & REGION

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND NUTS	3/OTHER 3/ CROPS	TOTAL
				-NUMBER-				
BAROLONG	1,000	500	-	200	-	-	-	1,100
NGWAKETSE SOUTH	2,100	1,700	-	1,200	-	-	-	2,600
NGWAKETSE NORTH	4,900	4,400	300	2,900	-	-	-	5,800
NGWAKETSE CENTRAL	800	800	-	500	-	-	-	900
SOUTHERN REGION	8,800	7,400	300	4,800	100	300	100	10,400
BAMALETE	3,100	2,100	-	1,400	-	-	-	3,200
KWENENG SOUTH	6,700	5,300	1,100	6,000	-	-	-	6,700
KWENENG NORTH	2,300	1,400	100	1,400	-	-	-	2,400
KGATLENG	4,100	3,200	700	2,600	-	-	-	4,200
GABORONE REGION	16,200	12,000	1,900	11,400	200	200	200	16,500
MAHALAPYE EAST	3,600	2,800	400	2,700	-	-	-	3,600
MAHALAPYE WEST	2,900	2,100	400	2,200	-	-	-	2,900
PALAPYE	3,200	2,600	400	2,600	-	-	-	3,400
SEROWE	2,200	1,600	300	1,600	-	-	-	2,400
LETLHAKANE	800	700	200	600	-	-	-	1,000
BOBONONG	4,500	3,200	1,500	2,600	-	-	-	4,600
CENTRAL REGION	17,200	13,000	3,200	12,300	100	400	200	17,900
TATI	4,700	4,000	2,700	3,200	-	-	-	5,000
TUTUME	5,200	4,600	4,500	2,900	-	-	-	5,400
FRANCISTOWN REGION	9,900	8,600	7,200	6,100	100	200	100	10,400
NGAMILAND WEST	1,600	2,000	1,000	400	-	-	-	3,000
NGAMILAND EAST	2,000	2,300	700	500	-	-	-	2,500
CHOBE	700	1,100	-	200	-	-	-	1,100
MAUN REGION	4,300	5,400	1,700	1,100	100	100	200	6,600
GHANZI	100	400	-	200	-	-	-	400
KGALAGADI	200	400	-	300	-	-	-	500
HUKUNTSI	300	500	-	300	-	-	-	500
WESTERN REGION	600	1,300	-	800	-	-	200	1,400
TOTAL TRADITIONAL	57,000	47,700	14,300	36,500	600	1,200	1,000	63,200
TOTAL COMMERCIAL	100	100	5	50	10	15	60	190
TOTAL	57,100	47,800	14,305	36,550	610	1,215	1,060	63,390

3/ Regional estimates only

TABLE-60 AREA PLANTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS OTHER CROPS AND TOTAL BY DISTRICT & REGION

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND 3/ NUTS	OTHER 3/ CROPS	TOTAL
				-HECTARES ('000)-				
BAROLONG	6.7	1.0	-	0.1	-	-	-	7.8
NGWAKETSE SOUTH	11.0	9.5	-	1.9	-	-	-	22.4
NGWAKETSE NORTH	21.4	7.2	0.1	3.9	-	-	-	33.6
NGWAKETSE CENTRAL	3.5	0.8	-	0.3	-	-	-	4.6
SOUTHERN REGION	42.6	18.5	0.1	6.2	0.1	0.7	0.2	68.4
BAMALETE	7.8	2.5	-	0.4	-	-	-	10.8
KWENENG SOUTH	35.4	9.5	0.8	4.4	-	-	-	50.2
KWENENG NORTH	13.1	2.8	0.8	1.0	-	-	-	17.8
KGATLENG	24.2	4.8	0.7	1.5	-	-	-	31.5
GABORONE REGION	80.5	19.6	2.3	7.3	0.2	0.2	0.2	110.3
MAHALAPYE EAST	18.5	5.9	0.8	3.0	-	-	-	28.3
MAHALAPYE WEST	16.0	2.6	0.7	1.8	-	-	-	21.2
PALAPYE	14.2	2.5	0.9	1.6	-	-	-	19.4
SEROWE	6.6	2.2	0.6	0.9	-	-	-	10.3
LETLHAKANE	2.7	1	0.1	0.2	-	-	-	4.0
BOBONONG	20.4	4.6	1.4	1.2	-	-	-	27.6
CENTRAL REGION	78.4	18.8	4.5	8.7	0.1	0.2	0.1	110.8
TATI	15.0	5.8	3.7	1.8	-	-	-	26.4
TUTUME	12.6	4.2	7.6	3.0	-	-	-	27.6
FRANCISTOWN REGION	27.6	10.0	11.3	4.8	0.1	0.1	0.1	54.0
NGAMILAND WEST	2.8	2.4	1.9	0.1	-	-	-	7.3
NGAMILAND EAST	2.2	2.4	0.2	0.2	-	-	-	5.1
CHOBE	1.4	2.7		0.2	-	-	-	4.4
MAUN REGION	6.4	7.5	2.1	0.5	0.1	0.1	0.1	16.8
GHANZI	0.2	0.5	-	0.2	-	-	-	0.9
KGALAGADI	0.9	0.7	-	0.2	-	-	-	1.9
HUKUNTSI	0.5	0.4	-	0.3	-	-	-	1.3
WESTERN REGION	1.6	1.6	-	0.7	-	-	0.2	4.1
TOTAL TRADITIONAL	237.1	76.0	20.3	28.2	0.6	1.3	0.9	364.4
TOTAL COMMERCIAL	29.0	12.4	0.1	1.5	0.4	0.6	1.0	45.0
TOTAL	266.1	88.4	20.4	29.7	1.0	1.9	1.9	409.4

3/ Regional estimates only

TABLE-61 AREA HARVESTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS, OTHER CROPS AND TOTAL BY DISTRICT & REGION

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND 3/ NUTS	OTHER 3/ CROPS	TOTAL
				-HECTARES ('000)-				
BAROLONG	3.8	0.5	-	0.1	-	-	-	4.5
NGWAKETSE SOUTH	6.2	8.1	-	1.2	-	-	-	15.7
NGWAKETSE NORTH	16.5	5.0	0.1	2.9	-	-	-	24.6
NGWAKETSE CENTRAL	2.2	0.8	-	0.2	-	-	-	3.2
SOUTHERN REGION	28.7	14.4	0.1	4.4	0.1	0.2	0.1	48.0
BAMALETE	5.4	1.4	-	0.1	-	-	-	7.1
KWENENG SOUTH	31.2	6.1	0.5	2.9	-	-	-	40.9
KWENENG NORTH	13.3	1.6	0.1	0.3	-	-	-	15.3
KGATLENG	19.0	2.4	0.4	0.3	-	-	-	22.2
GABORONE REGION	68.9	11.5	1.0	3.6	0.1	0.2	0.2	85.5
MAHALAPYE EAST	15.1	3.0	0.4	2.2	-	-	-	20.9
MAHALAPYE WEST	14.3	1.7	0.1	2.3	-	-	-	18.4
PALAPYE	8.8	0.7	0.2	0.7	-	-	-	10.5
SEROWE	2.5	0.5	0.2	0.2	-	-	-	3.4
LETLHAKANE	1.6	0.3	0.1	0.1	-	-	-	2.1
BOBONONG	18.5	2.5	1.0	0.6	-	-	-	22.8
CENTRAL REGION	60.8	8.7	2.0	6.1	0.1	0.2	0.2	78.1
TATI	12.0	1.8	2.9	0.5	-	-	-	17.2
TUTUME	11.7	4.8	4.6	0.6	-	-	-	21.7
FRANCISTOWN REGION	23.7	6.6	7.5	1.1	-	-	-	38.9
NGAMILAND WEST	0.3	1.1	0.7	0.1	-	-	-	2.1
NGAMILAND EAST	0.8	0.7	0.1	-	-	-	-	1.7
CHOBE	0.3	1.7	-	-	-	-	-	2.0
MAUN REGION	1.4	3.5	0.8	0.1	-	-	-	5.8
GHANZI	0.1	0.1	-	-	-	-	-	0.2
KGALAGADI	0.1	0.1	-	0.1	-	-	-	0.3
HUKUNTSI	0.1	-	-	0.1	-	-	-	0.2
WESTERN REGION	0.3	0.2	-	0.2	-	-	-	0.7
TOTAL TRADITIONAL	183.8	44.9	11.4	15.5	0.3	0.6	0.2	257.0
TOTAL COMMERCIAL	17.4	7.4	0.1	1.0	0.2	0.4	0.8	27.3
TOTAL	201.2	52.3	11.5	16.5	0.5	1.0	1.0	284.3

3/ Regional estimates only

TABLE-62 TOTAL PRODUCTION : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS OTHER CROPS AND TOTAL BY DISTRICT & REGION

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN 3/ FLOWER	GROUND 3/ NUTS
				-TONNES-		
BAROLONG	120	210	-	15	-	-
NGWAKETSE SOUTH	1,550	3,390	-	250	-	-
NGWAKETSE NORTH	2,570	1,000	40	200	-	-
NGWAKETSE CENTRAL	310	120	-	20	-	-
SOUTHERN REGION	4,550	4,720	40	485	20	40
BAMALETE	660	120	-	25	-	-
KWENENG SOUTH	7,260	650	80	575	-	-
KWENENG NORTH	1,910	450	20	45	-	-
KGATLENG	5,780	270	80	35	-	-
GABORONE REGION	15,610	1,490	180	680	20	50
MAHALAPYE EAST	2,650	340	140	400	-	-
MAHALAPYE WEST	2,890	120	40	125	-	-
PALAPYE	1,420	90	10	115	-	-
SEROWE	320	50	15	20	-	-
LETLHAKANE	140	25	5	10	-	-
BOBONONG	2,840	210	340	60	-	-
CENTRAL REGION	10,260	835	550	730	-	50
TATI	2,140	240	160	85	-	-
TUTUME	2,100	730	720	80	-	-
FRANCISTOWN REGION	4,240	970	880	165	-	-
NGAMILAND WEST	70	650	280	-	-	-
NGAMILAND EAST	120	240	10	-	-	-
CHOBE	50	850	-	-	-	-
MAUN REGION	240	1,740	290	-	-	-
GHANZI	10	10	-	-	-	-
KGALAGADI	10	-	-	5	-	-
HUKUNTSI	10	-	-	5	-	-
WESTERN REGION	30	10	-	10	-	-
TOTAL TRADITIONAL	34,930	9,765	1,940	2,070	40	140
TOTAL COMMERCIAL	18,000	10,000	40	400	160	300
TOTAL	52,930	19,765	1,980	2,470	200	440

3/ Regional estimates only

TABLE-63 SORGHUM PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGE	HECTARES
			-HECTARES ('000)-				
BAROLONG	1,000	1.8	4.5	2.2	6.7	2.5	6.7
NGWAKETSE SOUTH	2,100	3.7	4.1	6.9	11.0	4.1	5.2
NGWAKETSE NORTH	4,900	8.6	3.5	17.9	21.4	8.0	4.4
NGWAKETSE CENTRAL	800	1.4	2.2	1.3	3.5	1.3	4.4
SOUTHERN REGION	8,800	15.4	14.3	28.3	42.6	16.0	4.8
BAMALETE	3,100	5.4	2.4	5.4	7.8	2.9	2.5
KWENENG SOUTH	6,700	11.7	1.0	34.4	35.4	13.3	5.3
KWENENG NORTH	2,300	4.0	5.1	8.0	13.1	4.9	5.7
KGATLENG	4,100	7.2	4.1	20.1	24.2	9.1	5.9
GABORONE REGION	16,200	28.4	12.6	67.9	80.5	30.3	5.0
MAHALAPYE EAST	3,600	6.3	2.6	15.9	18.5	7.0	5.1
MAHALAPYE WEST	2,900	5.1	3.8	12.2	16.0	6.0	5.5
PALAPYE	3,200	5.6	1.2	13.0	14.2	5.3	4.4
SEROWE	2,200	3.9	1.1	5.5	6.6	2.5	3.0
LETLHAKANE	800	1.4	-	2.7	2.7		3.4
BOBONONG	4,500	7.9	2.8	17.6	20.4	7.7	4.5
CENTRAL REGION	17,200	30.1	11.5	66.9	78.4	29.5	4.6
TATI	4,700	8.2	1.1	13.9	15.0	5.6	3.2
TUTUME	5,200	9.1	1.1	11.5	12.6	4.7	2.4
FRANCISTOWN REGION	9,900	17.3	2.2	25.4	27.6	10.4	2.8
NGAMILAND WEST	1,600	2.8	0.9	1.9	2.8	1.1	1.8
NGAMILAND EAST	2,000	3.5	-	2.2	2.2	0.8	1.1
CHOBE	700	1.2	-	1.4	1.4	0.5	2.0
MAUN REGION	4,300	7.5	0.9	5.5	6.4	2.4	1.5
GHANZI	100	0.2	-	0.2	0.2	0.1	2.0
KGALAGADI	200	0.4	-	0.9	0.9	0.3	4.5
HUKUNTSI	300	0.5	-	0.5	0.5	0.2	1.7
WESTERN REGION	600	1.1	-	1.6	1.6	0.6	2.7
TOTAL TRADITIONAL	57,000	99.8	41.5	195.6	237.1	89.1	4.2
TOTAL COMMERCIAL	100	0.2	29.0	-	29.0	10.9	290.0
TOTAL	57,100	100.0	70.5	195.6	266.1	100.0	4.7

TABLE -64 SORGHUM PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF SORGHUM AREA PLANTED TRADITIONAL

HECTARAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	9,000	15.8	6.3	2.7	0.7
1.1 - 2.0	12,400	21.8	18.8	7.9	1.5
2.1 - 3.0	11,000	19.3	27.0	11.4	2.5
3.1 - 4.0	7,000	12.3	24.4	10.3	3.5
4.1 - 5.0	5,000	8.8	22.5	9.5	4.5
5.1 - 6.0	3,900	6.8	21.4	9.0	5.5
6.1 - 7.0	2,800	4.9	18.4	7.8	6.6
7.1 - 10.0	3,600	6.3	31.7	13.4	8.8
10.1 +	2,300	4.0	66.6	28.1	29.0
TOTAL TRADITIONAL	57,000	100.0	237.1	100.0	4.2

TABLE - 65 SORGHUM HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICT AND REGION

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
BAROLONG	600	1.6	60.0	3.8	1.9	56.7	6.3
NGWAKETSE SOUTH	1,100	2.9	52.4	6.2	3.1	56.4	5.6
NGWAKETSE NORTH	3,400	8.9	69.4	16.5	8.2	77.1	4.9
NGWAKETSE CENTRAL	600	1.6	75.0	2.2	1.1	62.9	3.7
SOUTHERN REGION	5,700	15.0	64.8	28.7	14.3	67.4	5.0
BAMALETE	2,400	6.3	77.4	5.4	2.7	69.2	2.3
KWENENG SOUTH	5,300	13.9	79.1	31.2	15.5	88.1	5.9
KWENENG NORTH	1,800	4.7	78.3	13.3	6.6	101.5	7.4
KGATLENG	2,600	6.8	63.4	19.0	9.4	78.5	7.3
GABORONE REGION	12,100	31.8	74.7	68.9	34.2	85.6	5.7
MAHALAPYE EAST	2,800	7.4	77.8	15.1	7.5	81.6	5.4
MAHALAPYE WEST	2,400	6.3	82.8	14.3	7.1	89.4	6.0
PALAPYE	1,600	4.2	50.0	8.8	4.4	62.0	5.5
SEROWE	700	1.8	31.8	2.5	1.2	37.9	3.6
LETLHAKANE	400	1.1	50.0	1.6	0.8	59.3	4.0
BOBONONG	3,300	8.7	73.3	18.5	9.2	90.7	5.6
CENTRAL REGION	11,200	29.4	65.1	60.8	30.2	77.6	5.4
TATI	3,400	8.9	72.3	12.0	6.0	80.0	3.5
TUTUME	4,000	10.5	76.9	11.7	5.8	92.9	2.9
FRANCISTOWN REGION	7,400	19.4	74.7	23.7	11.8	85.9	3.2
NGAMILAND WEST	400	1.1	25.0	0.3	0.1	10.7	0.8
NGAMILAND EAST	700	1.8	35.0	0.8	0.4	36.4	1.1
CHOBE	300	0.8	42.9	0.3	0.1	21.4	1.0
MAUN REGION	1,400	3.7	32.6	1.4	0.7	21.9	1.0
GHANZI	50	0.1	50.0	0.1	0.0	50.0	2.0
KGALAGADI	100	0.3	50.0	0.1	0.0	11.1	1.0
HUKUNTSI	50	0.1	16.7	0.1	0.0	20.0	2.0
WESTERN REGION	200	0.5	33.3	0.3	0.1	18.8	1.5
TOTAL TRADITIONAL	38,000	99.8	66.7	183.8	91.4	77.5	4.8
TOTAL COMMERCIAL	60	0.2	60.0	17.4	8.6	60.0	290.0
TOTAL	38,060	100.0	66.7	201.2	100.0	75.6	5.3

TABLE - 66 SORGHUM HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTE TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVETED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HA('000)	PERCENTAGE	PERCENTAGE	HECTARES
.1 - 1.0	4,400	11.6	48.9	3.6	2.0	57.1	0.8
1.1 - 2.0	8,000	21.1	64.5	13.0	7.1	69.1	1.6
2.1 - 3.0	6,800	17.9	61.8	17.1	9.3	63.3	2.5
3.1 - 4.0	4,800	12.6	68.6	18.2	9.9	74.6	3.8
4.1 - 5.0	3,800	10.0	76.0	16.4	8.9	72.9	4.3
5.1 - 6.0	3,300	8.7	84.6	17.8	9.7	83.2	5.4
6.1 - 7.0	2,200	5.8	78.6	16.7	9.1	90.8	7.6
7.1 - 10.0	2,700	7.1	75.0	23.9	13.0	75.4	8.9
10.1 +	2,000	5.3	87.0	57.1	31.1	85.7	28.6
TOTAL TRADITIONAL	38,000	100.0	66.7	183.8	100.0	77.5	4.8

TABLE - 67 SORGHUM PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA PLANTED	AVERAGE YIELD PER HA HARVESTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
BAROLONG	120	0.2	200	32	18
NGWAKETSE SOUTH	1,550	2.9	1,409	250	141
NGWAKETSE NORTH	2,570	4.9	756	156	120
NGWAKETSE CENTRAL	310	0.6	517	141	89
SOUTHERN REGION	4,550	8.6	798	159	107
BAMALETE	660	1.2	275	122	85
KWENENG SOUTH	7,260	13.7	1,370	233	205
KWENENG NORTH	1,910	3.6	1,061	144	146
KGATLENG	5,780	10.9	2,223	304	239
GABORONE REGION	15,610	29.5	1,290	227	194
MAHALAPYE EAST	2,650	5.0	946	175	143
MAHALAPYE WEST	2,890	5.5	1,204	202	181
PALAPYE	1,420	2.7	888	161	100
SEROWE	320	0.6	457	128	48
LETLHAKANE	140	0.3	350	88	52
BOBONONG	2,840	5.4	861	154	139
CENTRAL REGION	10,260	19.4	916	169	131
TATI	2,140	4.0	629	178	143
TUTUME	2,100	4.0	525	179	167
FRANCISTOWN REGION	4,240	8.0	573	179	154
NGAMILAND WEST	70	0.1	175	233	25
NGAMILAND EAST	120	0.2	171	150	55
CHOBE	50	0.1	167	167	36
MAUN REGION	240	0.5	171	171	38
GHANZI	10	0.0	200	100	50
KGALAGADI	10	0.0	100	100	11
HUKUNTSI	10	0.0	200	100	20
WESTERN REGION	30	0.1	150	100	19
TOTAL TRADITIONAL	34,930	66.0	919	190	147
TOTAL COMMERCIAL	18,000	34.0	300,000	1,034	621
TOTAL	52,930	100.0	1,391	263	199

TABLE -68 SORGHUM PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF SORGHUM AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
.1 - 1.0	1,150	3.3	261	319	183
1.1 - 2.0	3,560	10.2	445	274	189
2.1 - 3.0	3,840	11.0	565	225	142
3.1 - 4.0	3,320	9.5	692	182	136
4.1 - 5.0	3,320	9.5	874	202	148
5.1 - 6.0	3,980	11.4	1,206	224	186
6.1 - 7.0	3,320	9.5	1,509	199	180
7.1 - 10.0	4,190	12.0	1,552	175	132
10.1 +	8,250	23.6	4,125	144	124
TOTAL TRADITIONAL	34,930	100.0	919	190	147

TABLE-69 MAIZE PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED			AREA PLANTED	AREA PLANT PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED HA('000)	TOTAL	PERCENTAGE	HECTARES
BAROLONG	500	1.0	0.6	0.4	1.0	1.1	2.0
NGWAKETSE SOUTH	1,700	3.6	3.3	6.2	9.5	10.7	5.6
NGWAKETSE NORTH	4,400	9.2	1.7	5.5	7.2	8.1	1.6
NGWAKETSE CENTRAL	800	1.7	0.3	0.5	0.8	0.9	1.0
SOUTHERN REGION	7,400	15.5	5.9	12.6	18.5	20.9	2.5
BAMALETE	2,100	4.4	0.1	2.4	2.5	2.8	1.2
KWENENG SOUTH	5,300	11.1	0.3	9.2	9.5	10.7	1.8
KWENENG NORTH	1,400	2.9	0.4	2.4	2.8	3.2	2.0
KGATLENG	3,200	6.7	0.5	4.3	4.8	5.4	1.5
GABORONE REGION	12,000	25.1	1.3	18.3	19.6	22.2	1.6
MAHALAPYE EAST	2,800	5.9	0.5	5.4	5.9	6.7	2.1
MAHALAPYE WEST	2,100	4.4	-	2.6	2.6	2.9	1.2
PALAPYE	2,600	5.4	-	2.5	2.5	2.8	1.0
SEROWE	1,600	3.3	0.2	2.0	2.2	2.5	1.4
LETLHAKANE	700	1.5	-	1.0	1.0	1.1	1.4
BOBONONG	3,200	6.7	0.6	4.0	4.6	5.2	1.4
CENTRAL REGION	13,000	27.2	1.3	17.5	18.8	21.3	1.4
TATI	4,000	8.4	-	5.8	5.8	6.6	1.5
TUTUME	4,600	9.6	-	4.2	4.2	4.8	0.9
FRANCISTOWN REGION	8,600	18.0	-	10.0	10.0	11.3	1.2
NGAMILAND WEST	2,000	4.2	0.8	1.6	2.4	2.7	1.2
NGAMILAND EAST	2,300	4.8	0.4	2.0	2.4	2.7	1.0
CHOBE	1,100	2.3	0.7	2.0	2.7	3.1	2.5
MAUN REGION	5,400	11.3	1.9	5.6	7.5	8.5	1.4
GHANZI	400	0.8	-	0.5	0.5	0.6	1.3
KGALAGADI	400	0.8	-	0.7	0.7	0.8	1.8
HUKUNTSI	500	1.0	-	0.4	0.4	0.5	0.8
WESTERN REGION	1,300	2.7	-	1.6	1.6	1.8	1.2
TOTAL TRADITIONAL	47,700	99.8	10.4	65.6	76.0	86.0	1.6
TOTAL COMMERCIAL	100	0.2	3.5	-	12.4	14.0	124.0
TOTAL	47,800	100.0	13.9	65.6	88.4	100.0	1.8

TABLE -70 MAIZE PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF MAIZE AREA PLANTED TRADITIONAL FARMS

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	25,500	53.5	12.8	16.8	0.5
1.1 - 2.0	13,600	28.5	19.0	25.0	1.4
2.1 - 3.0	4,400	9.2	10.8	14.2	2.5
3.1 - 4.0	1,200	2.5	4.2	5.5	3.5
4.1 - 7.0	2,100	4.4	11.6	15.3	5.5
7.1 - 10.0	700	1.5	5.9	7.8	8.4
10.1 +	200	0.4	11.7	15.4	58.5
TOTAL TRADITIONAL	47,700	100.0	76.0	100.0	1.6

TABLE - 71 MAIZE HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICT AND REGION

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
BAROLONG	200	1.1	40.0	0.5	1.0	50.0	2.5
NGWAKETSE SOUTH	1,000	5.5	58.8	8.1	15.5	85.3	8.1
NGWAKETSE NORTH	600	3.3	13.6	5.0	9.5	69.4	8.3
NGWAKETSE CENTRAL	500	2.7	62.5	0.8	1.5	100.0	1.6
SOUTHERN REGION	2,300	12.6	31.1	14.4	27.5	77.8	6.3
BAMALETE	750	4.1	35.7	1.4	2.7	56.0	1.9
KWENENG SOUTH	2,900	15.9	54.7	6.1	11.6	64.2	2.1
KWENENG NORTH	650	3.6	46.4	1.6	3.1	57.1	2.5
KGATLENG	1,500	8.2	46.9	2.4	4.6	50.0	1.6
GABORONE REGION	5,800	31.7	48.3	11.5	21.9	58.7	2.0
MAHALAPYE EAST	1,350	7.4	48.2	3.0	5.7	50.8	2.2
MAHALAPYE WEST	1,200	6.6	57.1	1.7	3.2	65.4	1.4
PALAPYE	550	3.0	21.2	0.7	1.3	28.0	1.3
SEROWE	300	1.6	18.8	0.5	1.0	22.7	1.7
LETLHAKANE	200	1.1	28.6	0.3	0.6	30.0	1.5
BOBONONG	1,150	6.3	35.9	2.5	4.8	54.3	2.2
CENTRAL REGION	4,750	26.0	36.5	8.7	16.6	46.3	1.8
TATI	900	4.9	22.5	1.8	3.4	31.0	2.0
TUTUME	2,150	11.8	46.7	4.8	9.2	114.3	2.2
FRANCISTOWN REGION	3,050	16.7	35.5	6.6	12.6	66.0	2.2
NGAMILAND WEST	700	3.8	35.0	1.1	2.1	45.8	1.6
NGAMILAND EAST	1,000	5.5	43.5	0.7	1.3	29.2	0.7
CHOBE	450	2.5	40.9	1.7	3.2	63.0	3.8
MAUN REGION	2,150	11.8	39.8	3.5	6.7	46.7	1.6
GHANZI	50	0.3	12.5	0.1	0.2	20.0	2.0
KGALAGADI	50	0.3	12.5	0.1	0.2	14.3	2.0
HUKUNTSI	50	0.3	10.0	0.1	0.2	25.0	2.0
WESTERN REGION	150	0.8	11.5	0.3	0.6	18.8	2.0
TOTAL TRADITIONAL	18,200	99.5	38.2	45.0	85.9	59.2	2.5
TOTAL COMMERCIAL	90	0.5	90.0	7.4	14.1	59.7	82.2
TOTAL	18,290	100.0	38.3	52.4	100.0	59.3	2.9

TABLE - 72 MAIZE HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY SIZE OF MAIZE AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVEST PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HA('000)	PERCENTAGE	PERCENTAGE	HECTARES
.1 - 1.0	7,600	41.8	29.8	4.8	10.7	37.5	0.6
1.1 - 2.0	5,600	30.8	41.2	9.3	20.7	48.9	1.7
2.1 - 3.0	2,200	12.1	50.0	6.7	14.9	62.0	3.0
3.1 - 4.0	750	4.1	62.5	2.8	6.2	66.7	3.7
4.1 - 7.0	1,400	7.7	66.7	7.8	17.3	67.2	5.6
7.1 - 10.0	500	2.7	71.4	4.2	9.3	71.2	8.4
10.1 +	150	0.8	75.0	9.4	20.9	80.3	62.7
TOTAL TRADITIONAL	18,200	100.0	38.2	45.0	100.0	59.2	2.5

TABLE - 73 MAIZE PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
BAROLONG	210	1.1	1,050	420	210
NGWAKETSE SOUTH	3,390	17.2	3,390	419	357
NGWAKETSE NORTH	1,000	5.1	1,667	200	139
NGWAKETSE CENTRAL	120	0.6	240	150	150
SOUTHERN REGION	4,720	23.9	2,052	328	255
BAMALETE	120	0.6	160	86	48
KWENENG SOUTH	650	3.3	224	107	68
KWENENG NORTH	450	2.3	692	281	161
KGATLENG	270	1.4	180	113	56
GABORONE REGION	1,490	7.5	257	130	76
MAHALAPYE EAST	340	1.7	252	113	58
MAHALAPYE WEST	120	0.6	100	71	46
PALAPYE	90	0.5	164	129	36
SEROWE	50	0.3	167	100	23
LETLHAKANE	25	0.1	125	83	25
BOBONONG	210	1.1	183	84	46
CENTRAL REGION	835	4.2	176	96	44
TATI	240	1.2	267	133	41
TUTUME	730	3.7	340	152	174
FRANCISTOWN REGION	970	4.9	318	147	97
NGAMILAND WEST	650	3.3	929	591	271
NGAMILAND EAST	240	1.2	240	343	100
CHOBE	850	4.3	1,889	500	315
MAUN REGION	1,740	8.8	809	497	232
GHANZI	10	0.1	200	100	20
KGALAGADI	-	-	-	-	-
HUKUNTSI	-	-	-	-	-
WESTERN REGION	10	0.1	67	50	6
TOTAL TRADITIONAL	9,765	49.4	537	217	128
TOTAL COMMERCIAL	10,000	50.6	111,111	1,351	806
TOTAL	19,765	100.0	1,081	378	224

TABLE -74 MAIZE PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
.1 - 1.0	1,375	14.1	181	286	107
1.1 - 2.0	1,700	17.4	304	183	89
2.1 - 3.0	925	9.5	420	138	86
3.1 - 4.0	650	6.7	867	232	155
4.1 - 7.0	1,000	10.2	714	128	86
7.1 - 10.0	2,055	21.0	4,110	489	348
10.1 +	2,060	21.1	13,733	219	176
TOTAL TRADITIONAL	9,765	100.0	537	217	128

TABLE-75 MILLET PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGE	HECTARES
			HA ('000)				
BAROLONG	-	-	-	-	-	-	-
NGWAKETSE SOUTH	-	-	-	-	-	-	-
NGWAKETSE NORTH	300	2.1	-	0.1	0.1	0.5	0.3
NGWAKETSE CENTRAL	-	-	-	-	-	-	-
SOUTHERN REGION	300	2.1	-	0.1	0.1	0.5	0.3
BAMALETE	-	-	-	-	-	-	-
KWENENG SOUTH	1,100	7.7	-	0.8	0.8	3.9	0.7
KWENENG NORTH	100	0.7	0.2	0.6	0.8	3.9	8.0
KGATLENG	700	4.9	0.1	0.6	0.7	3.4	1.0
GABORONE REGION	1,900	13.3	0.3	2.0	2.3	11.3	1.2
MAHALAPYE EAST	400	2.8	-	0.8	0.8	3.9	2.0
MAHALAPYE WEST	400	2.8	-	0.7	0.7	3.4	1.8
PALAPYE	400	2.8	-	0.9	0.9	4.4	2.3
SEROWE	300	2.1	-	0.6	0.6	2.9	2.0
LETLHAKANE	200	1.4	-	0.1	0.1	0.5	0.5
BOBONONG	1,500	10.5	-	1.4	1.4	6.9	0.9
CENTRAL REGION	3,200	22.4	-	4.5	4.5	22.1	1.4
TATI	2,700	18.9	-	3.7	3.7	18.1	1.4
TUTUME	4,500	31.5	0.2	7.4	7.6	37.3	1.7
FRANCISTOWN REGION	7,200	50.3	0.2	11.1	11.3	55.4	1.6
NGAMILAND WEST	1,000	7.0	0.6	1.3	1.9	9.3	1.9
NGAMILAND EAST	700	4.9	-	0.2	0.2	1.0	0.3
CHOBE	-	-	-	-	-	-	-
MAUN REGION	1,700	11.9	0.6	1.5	2.1	10.3	1.2
GHANZI	-	-	-	-	-	-	-
KGALAGADI	-	-	-	-	-	-	-
HUKUNTSI	-	-	-	-		-	-
WESTERN REGION	-	-	-	-	-	-	-
TOTAL TRADITIONAL	14,300	100.0	1.1	19.2	20.3	99.5	1.4
TOTAL COMMERCIAL	5	0.0	0.1	-	0.1	0.5	20.0
TOTAL	14,305	100.0	1.2	19.2	20.4	100.0	1.4

TABLE -76 MILLET PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF MILLET AREA PLANTED

	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
HECTERAGE PLANTED	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	9,800	68.5	3.9	19.2	0.4
1.1 - 2.0	2,600	18.2	3.6	17.7	1.4
2.1 - 3.0	1,100	7.7	2.5	12.3	2.3
3.1+	800	5.6	10.3	50.7	12.9
TOTAL TRADITIONAL	14,300	100.0	20.3	100.0	1.4

TABLE - 77 MILLET HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARM HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES ('000)	PERCENTAGE	PERCENTAGE	HECTARES
BAROLONG	-	-	-	-	-	-	-
NGWAKETSE SOUTH	-	-	-	-	-	-	-
NGWAKETSE NORTH	200	2.5	66.7	0.1	0.9	100.0	0.5
NGWAKETSE CENTRAL	-	-	-	-	-	-	-
SOUTHERN REGION	200	2.5	66.7	0.1	0.9	100.0	0.5
BAMALETE	-	-	-	-	-	-	-
KWENENG SOUTH	400	4.9	36.4	0.5	4.3	62.5	1.3
KWENENG NORTH	50	0.6	50.0	0.1	0.9	12.5	2.0
KGATLENG	650	8.0	92.9	0.4	3.5	57.1	0.6
GABORONE REGION	1,100	13.5	57.9	1.0	8.7	43.5	0.9
MAHALAPYE EAST	250	3.1	62.5	0.4	3.5	50.0	1.6
MAHALAPYE WEST	300	3.7	75.0	0.1	0.9	14.3	0.3
PALAPYE	100	1.2	25.0	0.2	1.7	22.2	2.0
SEROWE	100	1.2	33.3	0.2	1.7	33.3	2.0
LETLHAKANE	50	0.6	25.0	0.1	0.9	100.0	2.0
BOBONONG	550	6.7	36.7	1.0	8.7	71.4	1.8
CENTRAL REGION	1,350	16.6	42.2	2.0	17.4	44.4	1.5
TATI	1,650	20.2	61.1	2.9	25.2	78.4	1.8
TUTUME	3,500	42.9	77.8	4.6	40.0	60.5	1.3
FRANCISTOWN REGION	5,150	63.2	71.5	7.5	65.2	66.4	1.5
NGAMILAND WEST	250	3.1	25.0	0.7	6.1	36.8	2.8
NGAMILAND EAST	100	1.2	14.3	0.1	0.9	50.0	1.0
CHOBE	-	-	-	-	-	-	-
MAUN REGION	350	4.3	20.6	0.8	7.0	38.1	2.3
GHANZI	-	-	-	-	-	-	-
KGALAGADI	-	-	-	-	-	-	-
HUKUNTSI	-	-	-	-	-	-	-
WESTERN REGION	-	-	-	-	-	-	-
TOTAL TRADITIONAL	8,150	99.9	57.0	11.4	99.1	56.2	1.4
TOTAL COMMERCIAL	5	0.1	100.0	0.1	0.9	100.0	20.0
TOTAL	8,155	100.0	57.0	11.5	100.0	56.4	1.4

TABLE - 78 MILLET HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF MILLET AREA PLANTED

	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
HECTERAGE SIZE	NUMBER	PERCENTAGE	PERCENTAGE	HA('000)	PERCENTAGE	PERCENTAGE	HECTARES
.1 - 1.0	5,600	68.7	57.1	3.2	28.1	82.1	0.6
1.1 - 2.0	1,450	17.8	55.8	2.3	20.2	63.9	1.6
2.1 - 3.0	600	7.4	54.5	1.5	13.2	60.0	2.5
3.1+	500	6.1	62.5	4.4	38.6	42.7	8.8
TOTAL TRADITIONAL	8,150	100.0	57.0	11.4	100.0	56.2	1.4

TABLE - 79 MILLET PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
BAROLONG	-	-	-	-	-
NGWAKETSE SOUTH	-	-	-	-	-
NGWAKETSE NORTH	40	2.0	200	400	400
NGWAKETSE CENTRAL	-	-	-	-	-
SOUTHERN REGION	40	2.0	200	400	400
BAMALETE	-	-	-	-	-
KWENENG SOUTH	80	4.0	200	160	100
KWENENG NORTH	20	1.0	400	200	25
KGATLENG	80	4.0	123	200	114
GABORONE REGION	180	9.1	164	180	78
MAHALAPYE EAST	140	7.1	560	350	175
MAHALAPYE WEST	40	2.0	133	400	57
PALAPYE	10	0.5	100	50	11
SEROWE	15	0.8	150	75	25
LETLHAKANE	5	0.3	100	50	50
BOBONONG	340	17.2	618	340	243
CENTRAL REGION	550	27.8	407	275	122
TATI	160	8.1	97	55	43
TUTUME	720	36.4	206	157	95
FRANCISTOWN REGION	880	44.4	171	117	78
NGAMILAND WEST	280	14.1	1,120	400	147
NGAMILAND EAST	10	0.5	100	100	50
CHOBE	-	-	-	-	-
MAUN REGION	290	14.6	829	363	138
GHANZI	-	-	-	-	-
KGALAGADI	-	-	-	-	-
HUKUNTSI	-	-	-	-	-
WESTERN REGION	-	-	-	-	-
TOTAL TRADITIONAL	1,940	98.0	238	170	96
TOTAL COMMERCIAL	40	2.0	8,000	400	400
TOTAL	1,980	100.0	243	172	97

TABLE - 80 MILLET PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
.1 - 1.0	1,055	54.4	188	330	271
1.1 - 2.0	300	15.5	207	130	83
2.1 - 3.0	230	11.9	383	153	92
3.1 +	355	18.3	710	81	34
TOTAL TRADITIONAL	1,940	100.0	238	170	96

TABLE-81 BEANS/PULSES PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARMS PLANTED		TOTAL AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGE	HECTARES
			HA('000)				
BAROLONG	200	0.5	-	0.1	0.1	0.3	0.5
NGWAKETSE SOUTH	1,200	3.3	0.3	1.6	1.9	6.4	1.6
NGWAKETSE NORTH	2,900	7.9	0.2	3.7	3.9	13.1	1.3
NGWAKETSE CENTRAL	500	1.4	-	0.3	0.3	1.0	0.6
SOUTHERN REGION	4,800	13.1	0.5	5.7	6.2	20.9	1.3
BAMALETE	1,400	3.8	-	0.4	0.4	1.3	0.3
KWENENG SOUTH	6,000	16.4	-	4.4	4.4	14.8	0.7
KWENENG NORTH	1,400	3.8	-	1.0	1.0	3.4	0.7
KGATLENG	2,600	7.1	-	1.5	1.5	5.1	0.6
GABORONE REGION	11,400	31.2	-	7.3	7.3	24.6	0.6
MAHALAPYE EAST	2,700	7.4	0.1	2.9	3.0	10.1	1.1
MAHALAPYE WEST	2,200	6.0	-	1.8	1.8	6.1	0.8
PALAPYE	2,600	7.1	-	1.6	1.6	5.4	0.6
SEROWE	1,600	4.4	-	0.9	0.9	3.0	0.6
LETLHAKANE	600	1.6	-	0.2	0.2	0.7	0.3
BOBONONG	2,600	7.1	-	1.2	1.2	4.0	0.5
CENTRAL REGION	12,300	33.7	0.1	8.6	8.7	29.3	0.7
TATI	3,200	8.8	0.1	1.7	1.8	6.1	0.6
TUTUME	2,900	7.9	0.2	2.8	3.0	10.1	1.0
FRANCISTOWN REGION	6,100	16.7	0.3	4.5	4.8	16.2	0.8
NGAMILAND WEST	400	1.1	-	0.1	0.1	0.3	0.3
NGAMILAND EAST	500	1.4	-	0.2	0.2	0.7	0.4
CHOBE	200	0.5	-	0.2	0.2	0.7	1.0
MAUN REGION	1,100	3.0	-	0.5	0.5	1.7	0.5
GHANZI	200	0.5	-	0.2	0.2	0.7	1.0
KGALAGADI	300	0.8	-	0.2	0.2	0.7	0.7
HUKUNTSI	300	0.8	-	0.3	0.3	1.0	1.0
WESTERN REGION	800	2.2	-	0.7	0.7	2.4	0.9
TOTAL TRADITIONAL	36,500	99.9	0.9	27.3	28.2	94.9	0.8
TOTAL COMMERCIAL	50	0.1	1.0	-	1.5	5.1	30.0
TOTAL	36,550	100.0	1.9	27.3	29.7	100.0	0.8

TABLE -82 BEANS/PULSES PLANTED : FARMS,AREA AND AREA PLANTED PER FARM BY SIZE OF BEANS/PULSES AREA PLANTED TRADITIONAL FARMS

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	31,400	86.0	11.0	39.0	0.4
1.1 - 2.0	3,500	9.6	4.9	17.4	1.4
2.1 - 3.0	800	2.2	1.9	6.7	2.4
3.1+	800	2.2	10.4	36.9	13.0
TOTAL TRADITIONAL	36,500	100.0	28.2	100.0	0.8

TABLE - 83 BEANS/PULSES HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED PER FARM BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FARM 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
BAROLONG	150	1.1	75.0	0.1	0.6	100.0	0.7
NGWAKETSE SOUTH	600	4.2	50.0	1.2	7.3	63.2	2.0
NGWAKETSE NORTH	1,450	10.3	50.0	2.9	17.6	74.4	2.0
NGWAKETSE CENTRAL	250	1.8	50.0	0.2	1.2	66.7	0.8
SOUTHERN REGION	2,450	17.4	51.0	4.4	26.7	71.0	1.8
BAMALETE	750	5.3	53.6	0.1	0.6	25.0	0.1
KWENENG SOUTH	3,250	23.0	54.2	2.9	17.6	65.9	0.9
KWENENG NORTH	450	3.2	32.1	0.3	1.8	30.0	0.7
KGATLENG	650	4.6	25.0	0.3	1.8	20.0	0.5
GABORONE REGION	5,100	36.1	44.7	3.6	21.8	49.3	0.7
MAHALAPYE EAST	1,200	8.5	44.4	2.2	13.3	73.3	1.8
MAHALAPYE WEST	1,200	8.5	54.5	2.3	13.9	127.8	1.9
PALAPYE	800	5.7	30.8	0.7	4.2	43.7	0.9
SEROWE	200	1.4	12.5	0.2	1.2	22.2	1.0
LETLHAKANE	50	0.4	8.3	0.1	0.6	50.0	2.0
BOBONONG	1,200	8.5	46.2	0.6	3.6	50.0	0.5
CENTRAL REGION	4,650	32.9	37.8	6.1	37.0	70.1	1.3
TATI	950	6.7	29.7	0.5	3.0	27.8	0.5
TUTUME	750	5.3	25.9	0.6	3.6	20.0	0.8
FRANCISTOWN REGION	1,700	12.0	27.9	1.1	6.7	22.9	0.6
NGAMILAND WEST	100	0.7	25.0	0.1	0.6	100.0	1.0
NGAMILAND EAST	-	-	-	-	-	-	-
CHOBE	-	-	-	-	-	-	-
MAUN REGION	100	0.7	9.1	0.1	0.6	20.0	1.0
GHANZI	-	-	-	-	-	-	-
KGALAGADI	50	0.4	16.7	0.1	0.6	50.0	2.0
HUKUNTSI	50	0.4	16.7	0.1	0.6	33.3	2.0
WESTERN REGION	100	0.7	12.5	0.2	1.2	28.6	2.0
TOTAL TRADITIONAL	14,100	99.9	38.6	15.5	93.9	55.0	1.1
TOTAL COMMERCIAL	20	0.1	40.0	1.0	6.1	66.7	50.0
TOTAL	14,120	100.0	38.6	16.5	100.0	55.6	1.2

TABLE - 84 BEANS/PULSES HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF BEANS/PULSES AREA PLANTED

HECTERAGE SIZE	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HA('000)	PERCENTAGE	PERCENTAGE	HECTARES
.1 - 1.0	12,100	85.8	38.5	5.3	34.2	48.2	0.4
1.1 - 2.0	1,350	9.6	38.6	2.0	12.9	40.8	1.5
2.1 - 3.0	350	2.5	43.8	1.4	9.0	73.7	4.0
3.1+	300	2.1	37.5	6.8	43.9	65.4	22.7
TOTAL TRADITIONAL	14,100	100.0	38.6	15.5	100.0	55.0	1.1

TABLE - 85 BEANS/PULSES PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HECTARE HARVESTED	AVERAGE YIELD PER HECTARE PLANTED
	TONNES	PERCENTAGE		KILOGRAMS	KILOGRAMS
BAROLONG	15	0.6	100	150	150
NGWAKETSE SOUTH	250	10.1	417	208	132
NGWAKETSE NORTH	200	8.1	138	69	51
NGWAKETSE CENTRAL	20	0.8	80	100	67
SOUTHERN REGION	485	19.6	198	110	78
BAMALETE	25	1.0	33	250	63
KWENENG SOUTH	575	23.2	177	198	131
KWENENG NORTH	45	1.8	100	150	45
KGATLENG	35	1.4	54	117	23
GABORONE REGION	680	27.5	133	189	93
MAHALAPYE EAST	400	16.2	333	182	133
MAHALAPYE WEST	125	5.1	104	54	69
PALAPYE	115	4.6	144	164	72
SEROWE	20	0.8	100	100	22
LETLHAKANE	10	0.4	200	100	50
BOBONONG	60	2.4	50	100	50
CENTRAL REGION	730	29.5	157	120	84
TATI	85	3.4	89	170	47
TUTUME	80	3.2	107	133	27
FRANCISTOWN REGION	165	6.7	97	150	34
NGAMILAND WEST	5	0.2	50	50	50
NGAMILAND EAST	-	-	-	-	-
CHOBE	-	-	-	-	-
MAUN REGION	5	0.2	50	50	10
GHANZI	-	-	-	-	-
KGALAGADI	5	0.2	100	50	25
HUKUNTSI	5	0.2	100	50	17
WESTERN REGION	10	0.4	100	50	14
TOTAL TRADITIONAL	2,075	83.8	147	134	74
TOTAL COMMERCIAL	400	16.2	20,000	400	267
TOTAL	2,475	100.0	175	150	83

TABLE -86 BEANS/PULSES PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF BEANS/PULSES AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
.1 - 1.0	975	47.0	81	184	89
1.1 - 2.0	775	37.3	574	388	158
2.1 - 3.0	140	6.7	400	100	74
3.1 +	185	8.9	617	27	18
TOTAL TRADITIONAL	2,075	100.0	147	134	74

TABLE-87 FOUR-CROPS PLANTED : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICT AND REGION (SORGHUM, MAIZE, MILLET, & BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS PLANTED		AREA PLANTED		AREA PLANT PER FARM
	NUMBER	PERCENTAGE	TOTAL HA('000)	PERCENTAGE	HECTARES
BAROLONG	1,100	1.8	7.8	1.9	7.1
NGWAKETSE SOUTH	2,600	4.2	22.4	5.5	8.6
NGWAKETSE NORTH	5,600	9.1	32.6	8.1	5.8
NGWAKETSE CENTRAL	900	1.5	4.6	1.1	5.1
SOUTHERN REGION	10,200	16.6	67.4	16.7	6.6
BAMALETE	3,100	5.0	10.7	2.6	3.5
KWENENG SOUTH	6,700	10.9	50.1	12.4	7.5
KWENENG NORTH	2,400	3.9	17.7	4.4	7.4
KGATLENG	4,100	6.7	31.2	7.7	7.6
GABORONE REGION	16,300	26.5	109.7	27.1	6.7
MAHALAPYE EAST	3,500	5.7	28.2	7.0	8.1
MAHALAPYE WEST	2,900	4.7	21.1	5.2	7.3
PALAPYE	3,400	5.5	19.2	4.7	5.6
SEROWE	2,300	3.7	10.3	2.5	4.5
LETLHAKANE	900	1.5	4.0	1.0	4.4
BOBONONG	4,600	7.5	27.6	6.8	6.0
CENTRAL REGION	17,600	28.6	110.4	27.3	6.3
TATI	5,000	8.1	26.3	6.5	5.3
TUTUME	5,400	8.8	27.4	6.8	5.1
FRANCISTOWN REGION	10,400	16.9	53.7	13.3	5.2
NGAMILAND WEST	2,800	4.6	7.2	1.8	2.6
NGAMILAND EAST	1,700	2.8	5.0	1.2	2.9
CHOBE	900	1.5	4.3	1.1	4.8
MAUN REGION	5,400	8.8	16.5	4.1	3.1
GHANZI	400	0.7	0.9	0.2	2.3
KGALAGADI	500	0.8	1.8	0.4	3.6
HUKUNTSI	500	0.8	1.2	0.3	2.4
WESTERN REGION	1,400	2.3	3.9	1.0	2.8
TOTAL TRADITIONAL	61,300	99.7	361.6	89.4	5.9
TOTAL COMMERCIAL	170	0.3	43.0	10.6	252.9
TOTAL	61,470	100.0	404.6	100.0	6.6

TABLE -88 FOUR-CROPS PLANTED : FARMS, AREA AND AREA PLANTED PER FARM BY SIZE OF FOUR CROPS AREA PLANTED
TRADTIONAL FARMS (SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED PER CROP FARM
HECTERAGE PLANTED	NUMBER	PERCENTAGE	HA('000)	PERCENTAGE	HECTARES
.1 - 1.0	5,400	8.8	3.2	0.9	0.6
1.1 - 2.0	8,700	14.2	13.1	3.6	1.5
2.1 - 3.0	10,200	16.6	25.5	7.1	2.5
3.1 - 4.0	8,100	13.2	28.4	7.9	3.5
4.1 - 5.0	7,500	12.2	33.8	9.3	4.5
5.1 - 6.0	4,600	7.5	25.3	7.0	5.5
6.1 - 7.0	4,200	6.9	27.3	7.5	6.5
7.1 - 10.0	7,100	11.6	64.6	17.9	9.1
10.1 +	5,500	9.0	140.4	38.8	25.5
TOTAL TRADITIONAL	61,300	100.0	361.6	100.0	5.9

TABLE - 89 FOUR CROPS HARVESTED: FARMS, RATIO OF FARMS HARVESTED TO PLANTED, AREA, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY DISTRICT AND REGION (SORGHUM, MAIZE, MILLET AND 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	PERCENTAGE	PERCENTAGE	HECTARES
BAROLONG	600	1.4	54.5	4.4	1.6	56.4	7.3
NGWAKETSE SOUTH	1,700	4.0	65.4	15.5	5.5	69.2	9.1
NGWAKETSE NORTH	4,400	10.2	78.6	24.5	8.7	75.2	5.6
NGWAKETSE CENTRAL	700	1.6	77.8	3.2	1.1	69.6	4.6
SOUTHERN REGION	7,400	17.2	72.5	47.6	16.9	70.6	6.4
BAMALETE	2,600	6.0	83.9	6.9	2.5	64.5	2.7
KWENENG SOUTH	5,600	13.0	83.6	40.7	14.5	81.2	7.3
KWENENG NORTH	2,200	5.1	91.7	15.3	5.4	86.4	7.0
KGATLENG	2,600	6.0	63.4	22.1	7.9	70.8	8.5
GABORONE REGION	13,000	30.2	79.8	85.0	30.2	77.5	6.5
MAHALAPYE EAST	2,900	6.7	82.9	20.7	7.4	73.4	7.1
MAHALAPYE WEST	2,400	5.6	82.8	18.4	6.5	87.2	7.7
PALAPYE	1,700	4.0	50.0	10.4	3.7	54.2	6.1
SEROWE	800	1.9	34.8	3.4	1.2	33.0	4.3
LETLHAKANE	500	1.2	55.6	2.1	0.7	52.5	4.2
BOBONONG	3,400	7.9	73.9	22.6	8.0	81.9	6.6
CENTRAL REGION	11,700	27.2	66.5	77.6	27.6	70.3	6.6
TATI	3,400	7.9	68.0	17.2	6.1	65.4	5.1
TUTUME	4,500	10.5	83.3	21.7	7.7	79.2	4.8
FRANCISTOWN REGION	7,900	18.4	76.0	38.9	13.8	72.4	4.9
NGAMILAND WEST	1,200	2.8	42.9	2.2	0.8	30.6	1.8
NGAMILAND EAST	900	2.1	52.9	1.6	0.6	32.0	1.8
CHOBE	500	1.2	55.6	2.0	0.7	46.5	4.0
MAUN REGION	2,600	6.0	48.1	5.8	2.1	35.2	2.2
GHANZI	50	0.1	12.5	0.2	0.1	22.2	4.0
KGALAGADI	100	0.2	20.0	0.3	0.1	16.7	3.0
HUKUNTSI	100	0.2	20.0	0.2	0.1	16.7	2.0
WESTERN REGION	250	0.6	17.9	0.7	0.2	17.9	2.8
TOTAL TRADITIONAL	42,850	99.7	69.9	255.6	90.8	70.7	6.0
TOTAL COMMERCIAL	140	0.3	82.4	25.9	9.2	60.2	185.0
TOTAL	42,990	100.0	69.9	281.5	100.0	69.6	6.5

TABLE - 90 FOUR-CROPS HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED, RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY SIZE OF FOUR-CROPS AREA PLANTED (SORGHUM, MAIZE, MILLET AND BEANS/PULSES)

	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
HECTERAGE SIZE	NUMBER	PERCENTA	PERCENTAGE	HA('000	PERCENTAGE	PERCENTAGE	HECTARES
.1 - 1.0	2,400	5.6	44.4	1.4	0.5	43.7	0.6
1.1 - 2.0	5,500	12.8	63.2	6.0	2.3	45.8	1.1
2.1 - 3.0	6,150	14.4	60.3	13.3	5.2	52.2	2.2
3.1 - 4.0	6,000	14.0	74.1	17.9	7.0	63.0	3.0
4.1 - 5.0	6,000	14.0	80.0	22.1	8.6	65.4	3.7
5.1 - 6.0	3,600	8.4	78.3	16.6	6.5	65.6	4.6
6.1 - 7.0	3,200	7.5	76.2	21.4	8.4	78.4	6.7
7.1 - 10.0	5,600	13.1	78.9	50.3	19.7	77.9	9.0
10.1 +	4,400	10.3	80.0	106.6	41.7	75.9	24.2
TOTAL TRADITIONAL	42,850	100.0	69.9	255.6	100.0	70.7	6.0

TABLE - 91 FOUR-CROPS PRODUCTION: TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
BAROLONG	345	0.4	575	78	44
NGWAKETSE SOUTH	5,190	6.7	3,053	335	232
NGWAKETSE NORTH	3,810	4.9	866	156	117
NGWAKETSE CENTRAL	450	0.6	643	141	98
SOUTHERN REGION	9,795	12.7	1,324	206	145
BAMALETE	805		310	117	75
KWENENG SOUTH	8,565	11.1	1,529	210	171
KWENENG NORTH	2,425	3.1	1,102	158	137
KGATLENG	6,165	8.0	2,371	279	198
GABORONE REGION	17,960	23.3	1,382	211	164
MAHALAPYE EAST	3,530	4.6	1,217	171	125
MAHALAPYE WEST	3,175	4.1	1,323	173	150
PALAPYE	1,635	2.1	962	157	85
SEROWE	405	0.5	506	119	39
LETLHAKANE	180		360	86	45
BOBONONG	3,450	4.5	1,015	153	125
CENTRAL REGION	12,375	16.0	1,058	159	112
TATI	2,625	3.4	772	153	100
TUTUME	3,630	4.7	807	167	132
FRANCISTOWN REGION	6,255	8.1	792	161	116
NGAMILAND WEST	1,000	1.3	833	455	139
NGAMILAND EAST	370	0.5	411	231	74
CHOBE	900	1.2	1,800	450	209
MAUN REGION	2,270	2.9	873	391	138
GHANZI	20	0.0	400	100	22
KGALAGADI	15	0.0	150	50	8
HUKUNTSI	15	0.0	150	75	13
WESTERN REGION	50	0.1	200	71	13
TOTAL TRADITIONAL	48,705	63.1	1,137	191	135
TOTAL COMMERCIAL	28,440	36.9	203,143	1,098	661
TOTAL	77,145	100.0	1,794	274	191

TABLE -92 FOUR CROPS PRODUCTION : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY SIZE OF FOUR CROPS AREA PLANTED (SORGHUM, MAIZE, MILLET, BEANS/PULSES)

	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG.YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT.PLANTED
HECTERAGE PLANTED	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
.1 - 1.0	635	1.3	265	454	198
1.1 - 2.0	1,295	2.7	235	216	99
2.1 - 3.0	2,460	5.1	400	185	96
3.1 - 4.0	3,045	6.3	508	170	107
4.1 - 5.0	4,000	8.2	667	181	118
5.1 - 6.0	3,710	7.6	1,031	223	147
6.1 - 7.0	3,420	7.0	1,069	160	125
7.1 - 10.0	11,630	23.9	2,077	231	180
10.1 +	18,510	38.0	4,207	174	132
TOTAL TRADITIONAL	48,705	100.0	1,137	191	135

TABLE - 93 GROUNDNUTS : FARMS, AREA PLANTED AND HARVESTED, PRODUCTION AND AVERAGE PRODUCTION BY REGION

REGIONS	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	NUMBER	HA('000)	HA('000)	TONNES	KILOGRAMS	KILOGRAMS
SOUTHERN REGION	300	0.7	0.2	40	200	57
GABORONE REGION	200	0.2	0.2	50	250	250
CENTRAL REGION	400	0.2	0.2	50	250	250
FRANCISTOWN REGION	200	0.1	-	-	-	-
MAUN REGION	100	0.1	-	-	-	-
WESTERN REGION	-	-	-	-	-	-
TOTAL TRADITIONAL	1,200	1.3	0.6	140	233	108
TOTAL COMMERCIAL	15	0.6	0.4	300	750	500
TOTAL	1,215	1.9	1.0	440	440	232

TABLE - 94 SUN-FLOWER : FARMS, AREA PLANTED AND HARVESTED, PRODUCTION AND AVERAGE PRODUCTION BY REGION

REGIONS	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVERAGE YIELD PER HA HARVESTED	AVERAGE YIELD PER HA PLANTED
	NUMBER	HA('000)	HA('000)	TONNES	KILOGRAMS	KILOGRAMS
SOUTHERN REGION	100	0.1	0.1	20	200	200
GABORONE REGION	200	0.2	0.1	20	200	100
CENTRAL REGION	100	0.1	0.1	-	-	-
FRANCISTOWN REGION	100	0.1	-	-	-	-
MAUN REGION	100	0.1	-	-	-	-
WESTERN REGION	-	-	-	-	-	-
TOTAL TRADITIONAL	600	0.6	0.3	40	133	67
TOTAL COMMERCIAL	10	0.4	0.2	160	800	400
TOTAL	610	1.0	0.5	200	400	200

Farm Practices

TABLE-95 SORGHUM SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	-KG('000)-			-KG/HA-		
BAROLONG	47.2	28.6	75.8	10.5	13.0	11.3
NGWAKETSE SOUTH	30.4	87.2	117.6	7.4	12.6	10.7
NGWAKETSE NORTH	23.7	351.8	375.5	6.8	19.7	17.5
NGWAKETSE CENTRAL	19.2	15.8	35.0	8.7	12.2	10.0
SOUTHERN REGION	120.5	483.4	603.9	8.4	17.1	14.2
BAMALETE	48.5	96.9	145.4	20.2	17.9	18.6
KWENENG SOUTH	9.6	384.6	394.2	9.6	11.2	11.1
KWENENG NORTH	46.0	114.7	160.7	9.0	14.3	12.3
KGATLENG	18.5	205.2	223.7	4.5	10.2	9.2
GABORONE REGION	122.6	801.4	924.0	9.7	11.8	11.5
MAHALAPYE EAST	22.7	258.5	281.2	8.7	16.3	15.2
MAHALAPYE WEST	12.7	130.9	143.6	3.3	10.7	9.0
PALAPYE	7.8	120.8	128.6	6.5	9.3	9.1
SEROWE	9.0	62.4	71.4	8.2	11.3	10.8
LELLHAKANE	-	26.4	26.4	-	9.8	9.8
BOBONONG	26.5	217.5	244.0	9.5	12.4	12.0
CENTRAL REGION	78.7	816.5	895.2	6.8	12.2	11.4
TATI	5.9	164.6	170.5	5.4	11.8	11.4
TUTUME	6.0	144.4	150.4	5.5	12.6	11.9
FRANCISTOWN REGION	11.9	309.0	320.9	5.4	12.2	11.6
NGAMILAND WEST	9.9	25.9	35.8	11.0	13.6	12.8
NGAMILAND EAST	-	29.2	29.2	-	13.3	13.3
CHOBE	-	10.9	10.9	-	7.8	7.8
MAUN REGION	9.9	66.0	75.9	11.0	12.0	11.9
GHANZI	-	5.0	5.0	-	25.0	25.0
KGALAGADI	-	10.0	10.0	-	11.1	11.1
HUKUNTSI	-	9.0	9.0	-	18.0	18.0
WESTERN REGION	-	24.0	24.0	-	15.0	15.0
TOTAL TRADITIONAL	343.6	2500.3	2843.9	8.3	12.8	12.0

TABLE-96 MAIZE SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	-KG('000)-			-KG/HA-		
BAROLONG	12.7	6.0	18.7	21.2	15.0	18.7
NGWAKETSE SOUTH	29.5	76.8	106.3	8.9	12.4	11.2
NGWAKETSE NORTH	11.3	177.9	189.2	6.6	32.3	26.3
NGWAKETSE CENTRAL	2.7	5.5	8.2	9.0	11.0	10.3
SOUTHERN REGION	56.2	266.2	322.4	9.5	21.1	17.4
BAMALETE	3.1	39.5	42.6	31.0	16.5	17.0
KWENENG SOUTH	5.8	125.2	131.0	19.3	13.6	13.8
KWENENG NORTH	5.1	37.2	42.3	12.7	15.5	15.1
KGATLENG	2.7	35.1	37.8	5.4	8.2	7.9
GABORONE REGION	16.7	237.0	253.7	12.8	13.0	12.9
MAHALAPYE EAST	1.8	78.7	80.5	3.6	14.6	13.6
MAHALAPYE WEST	-	32.4	32.4	-	12.5	12.5
PALAPYE	-	25.6	25.6	-	10.2	10.2
SEROWE	2.0	23.8	25.8	10.0	11.9	11.7
LETLHAKANE	-	13.2	13.2	-	13.2	13.2
BOBONONG	3.2	54.5	57.7	5.3	13.6	12.5
CENTRAL REGION	7.0	228.2	235.2	5.4	13.0	12.5
TATI	-	62.9	62.9	-	10.8	10.8
TUTUME	-	79.3	79.3	-	18.9	18.9
FRANCISTOWN REGION	-	142.2	142.2	-	14.2	14.2
NGAMILAND WEST	15.6	27.3	42.9	19.5	17.1	17.9
NGAMILAND EAST	6.7	25.8	32.5	16.8	12.9	13.5
CHOBE	12.1	3.8	15.9	17.3	1.9	5.9
MAUN REGION	34.4	56.9	91.3	18.1	10.2	12.2
GHANZI	-	7.5	7.5	-	15.0	15.0
KGALAGADI	-	8.5	8.5	-	12.1	12.1
HUKUNTSI	-	5.3	5.3	-	13.2	13.2
WESTERN REGION	-	21.3	21.3	-	13.3	13.3
TOTAL TRADITIONAL	114.3	951.8	1066.1	11.0	14.5	14.0

TABLE-97 MILLET SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	-KG('000)-			-KG/HA-		
BAROLONG	-	-	-	-	-	-
NGWAKETSE SOUTH	-	-	-	-	-	-
NGWAKETSE NORTH	-	0.9	0.9	-	9.0	9.0
NGWAKETSE CENTRAL	-	-	-	-	-	-
SOUTHERN REGION	-	0.9	0.9	-	9.0	9.0
BAMALETE	-	-	-	-	-	-
KWENENG SOUTH	-	11.9	11.9	-	14.9	14.9
KWENENG NORTH	2.4	3.5	5.9	12.0	5.8	7.4
KGATLENG	0.5	5.2	5.7	5.0	8.7	8.1
GABORONE REGION	2.9	20.6	23.5	9.7	10.3	10.2
MAHALAPYE EAST	-	4.8	4.8	-	6.0	6.0
MAHALAPYE WEST	-	2.1	2.1	-	3.0	3.0
PALAPYE	-	4.5	4.5	-	5.0	5.0
SEROWE	-	5.0	5.0	-	8.3	8.3
LETLHAKANE	-	0.8	0.8	-	8.0	8.0
BOBONONG	1.8	18.4	20.2	-	13.1	14.4
CENTRAL REGION	1.8	35.6	37.4	-	7.9	8.3
TATI	-	44.5	44.5	-	12.0	12.0
TUTUME	1.5	86.9	88.4	7.5	11.7	11.6
FRANCISTOWN REGION	1.5	131.4	132.9	7.5	11.8	11.8
NGAMILAND WEST	11.1	7.1	18.2	18.5	5.5	9.6
NGAMILAND EAST	-	3.2	3.2	-	16.0	16.0
CHOBE	-	-	-	-	-	-
MAUN REGION	11.1	10.3	21.4	18.5	6.9	10.2
GHANZI	-	-	-	-	-	-
KGALAGADI	-	-	-	-	-	-
HUKUNTSI	-	-	-	-	-	-
WESTERN REGION	-	-	-	-	-	-
TOTAL TRADITIONAL	17.3	198.8	216.1	15.7	10.4	10.6

TABLE-98 BEANS/PULSES SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED PER HECTARE BY DISTRICT AND REGION

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
		-KG('000)-			-KG/HA-	
BAROLONG	-	1.6	1.6	-	16.0	16.0
NGWAKETSE SOUTH	2.1	12.3	14.4	7.0	7.7	7.6
NGWAKETSE NORTH	0.7	13.3	14.0	3.5	3.6	3.6
NWAKETSE CENTRAL	-	4.6	4.6	-	15.3	15.3
SOUTHERN REGION	2.8	31.8	34.6	5.6	5.6	5.6
BAMELETE	-	9.2	9.2	-	23.0	23.0
KWENENG SOUTH	-	62.2	62.2	-	14.1	14.1
KWENENG NORTH	-	15.2	15.2	-	15.2	15.2
KGATLENG	-	16.2	16.2	-	10.8	10.8
GABORONE REGION	-	102.8	102.8	-	14.1	14.1
MAHALAPYE EAST	0.5	39.1	39.6	5.0	13.5	13.2
MAHALAPYE WEST	-	23.1	23.1	-	12.8	12.8
PALAPYE	-	18.6	18.6	-	11.6	11.6
SEROWE	-	13.4	13.4	-	14.9	14.9
LETLHAKANE	-	2.6	2.6	-	13.0	13.0
BOBONONG	-	20.3	20.3	-	16.9	16.9
CENTRAL REGION	0.5	117.1	117.6	5.0	13.6	13.5
TATI	0.8	11.0	11.8	8.0	6.5	6.6
TUTUME	1.3	19.4	20.7	6.5	6.9	6.9
FRANCISTOWN REGION	2.1	30.4	32.5	7.0	6.8	6.8
NGAMILAND WEST	-	2.6	2.6	-	26.0	26.0
NGAMILAND EAST	-	4.8	4.8	-	24.0	24.0
CHOBE	-	1.0	1.0	-	5.0	5.0
MAUN REGION	-	8.4	8.4	-	16.8	16.8
GHANZI	-	2.0	2.0	-	10.0	10.0
KGALAGADI	-	3.0	3.0	-	15.0	15.0
HUKUNTSI	-	2.8	2.8	-	9.3	9.3
WESTERN REGION	-	7.8	7.8	-	11.1	11.1
TOTAL TRADITIONAL	5.4	298.3	303.7	6.0	10.9	10.8

TABLE-99 MONTH OF FIRST PLOUGHING/PLANTING: CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
				-NUMBER-			
BAROLONG	-	50	100	200	700	50	1,100
NGWAKETSE SOUTH	-	50	100	700	1,100	650	2,600
NGWAKETSE NORTH	-	100	500	1,650	3,150	400	5,800
NGWAKETSE CENTRAL	-	-	50	400	400	50	900
SOUTHERN REGION	-	200	750	2,950	5,350	1,150	10,400
BAMALETE	-	-	450	1,100	1,200	450	3,200
KWENENG SOUTH	-	-	700	3,250	2,650	100	6,700
KWENENG NORTH	-	-	150	400	1,800	50	2,400
KGATLENG	-	100	200	750	2,300	850	4,200
GABORONE REGION	-	100	1,500	5,500	7,950	1,450	16,500
MAHALAPYE EAST	50	-	200	1,200	1,800	350	3,600
MAHALAPYE WEST	-	-	-	700	1,900	300	2,900
PALAPYE	-	-	200	1,000	2,000	200	3,400
SEROWE	-	-	-	1,300	700	400	2,400
LETLHAKANE	50	100	150	300	350	50	1,000
BOBONONG	50	250	1,550	1,800	650	300	4,600
CENTRAL REGION	150	350	2,100	6,300	7,400	1,600	17,900
TATI	-	150	1,050	2,450	550	800	5,000
TUTUME	-	100	1,200	2,600	1,400	100	5,400
FRANCISTOWN REGION	-	250	2,250	5,050	1,950	900	10,400
NGAMILAND WEST	-	100	50	1,200	1,400	250	3,000
NGAMILAND EAST	50	-	650	650	950	200	2,500
CHOBE	50	-	250	450	250	100	1,100
MAUN REGION	100	100	950	2,300	2,600	550	6,600
GHANZI	-	-	-	-	350	50	400
KGALAGADI	-	-	-	300	100	100	500
HUKUNTSI	-	-	-	300	100	100	500
WESTERN REGION	-	-	-	600	550	250	1,400
TOTAL TRADITIONAL	250	1,000	7,550	22,700	25,800	5,900	63,200

TABLE-100 MONTH OF FIRST PLOUGHING/PLANTING: CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
				-PERCENTAGE-			
BAROLONG	-	4.5	9.1	18.2	63.6	4.5	100.0
NGWAKETSE SOUTH	-	1.9	3.8	26.9	42.3	25.0	100.0
NGWAKETSE NORTH	-	1.7	8.6	28.4	54.3	6.9	100.0
NGWAKETSE CENTRAL	-	-	5.6	44.4	44.4	5.6	100.0
SOUTHERN REGION	-	1.9	7.2	28.4	51.4	11.1	100.0
BAMALETE	-	-	14.1	34.4	37.5	14.1	100.0
KWENENG SOUTH	-	-	10.4	48.5	39.6	1.5	100.0
KWENENG NORTH	-	-	6.3	16.7	75.0	2.1	100.0
KGATLENG	-	2.4	4.8	17.9	54.8	20.2	100.0
GABORONE REGION	-	0.6	9.1	33.3	48.2	8.8	100.0
MAHALAPYE EAST	1.4	-	5.6	33.3	50.0	9.7	100.0
MAHALAPYE WEST	-	-	-	24.1	65.5	10.3	100.0
PALAPYE	-	-	5.9	29.4	58.8	5.9	100.0
SEROWE	-	-	-	54.2	29.2	16.7	100.0
LETLHAKANE	5.0	10.0	15.0	30.0	35.0	5.0	100.0
BOBONONG	1.1	5.4	33.7	39.1	14.1	6.5	100.0
CENTRAL REGION	0.8	2.0	11.7	35.2	41.3	8.9	100.0
TATI	-	3.0	21.0	49.0	11.0	16.0	100.0
TUTUME	-	1.9	22.2	48.1	25.9	1.9	100.0
FRANCISTOWN REGION	-	2.4	21.6	48.6	18.8	8.7	100.0
NGAMILAND WEST	-	3.3	1.7	40.0	46.7	8.3	100.0
NGAMILAND EAST	2.0	-	26.0	26.0	38.0	8.0	100.0
CHOBE	4.5	-	22.7	40.9	22.7	9.1	100.0
MAUN REGION	1.5	1.5	14.4	34.8	39.4	8.3	100.0
GHANZI	-	-	-	-	87.5	12.5	100.0
KGALAGADI	-	-	-	60.0	20.0	20.0	100.0
HUKUNTSI	-	-	-	60.0	20.0	20.0	100.0
WESTERN REGION	-	-	-	42.9	39.3	17.9	100.0
TOTAL TRADITIONAL	0.4	1.6	11.9	35.9	40.8	9.3	100.0

TABLE - 101 DRAFT POWER USED TO PLOUGH FIELDS : CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/ MULES	TRACTORS	TRACTORS AND ANIMALS	OTHERS	TOTAL
				-NUMBER-			
BAROLONG	100	200	-	700	100	-	1,100
NGWAKETSE SOUTH	600	950	-	1,050	-	-	2,600
NGWAKETSE NORTH	2,600	1,200	100	1,700	200	-	5,800
NGWAKETSE CENTRAL	450	50	50	350	-	-	900
SOUTHERN REGION	3,750	2,400	150	3,800	300	-	10,400
BAMALETE	400	100	100	2,600	-	-	3,200
KWENENG SOUTH	3,700	250	200	2,300	250	-	6,700
KWENENG NORTH	1,200	350	100	650	100	-	2,400
KGATLENG	100	700	100	3,200	100	-	4,200
GABORONE REGION	5,400	1,400	500	8,750	450	-	16,500
MAHALAPYE EAST	650	600	100	2,150	100	-	3,600
MAHALAPYE WEST	150	300	50	2,350	50	-	2,900
PALAPYE	900	500	100	1,900	-	-	3,400
SEROWE	800	100	100	1,400	-	-	2,400
LETLHAKANE	500	200	100	200	-		1,000
BOBONONG	500	3,100	300	600	100	-	4,600
CENTRAL REGION	3,500	4,800	750	8,600	250	-	17,900
TATI	2,100	600	400	1,400	500	-	5,000
TUTUME	4,450	250	100	400	100	100	5,400
FRANCISTOWN REGION	6,550	850	500	1,800	600	100	10,400
NGAMILAND WEST	2,200	300	100	200	100	100	3,000
NGAMILAND EAST	900	1,000	100	300	100	100	2,500
CHOBE	800	50	50	100	100	-	1,100
MAUN REGION	3,900	1,350	250	600	300	200	6,600
GHANZI	100	100	50	50	50	50	400
KGALAGADI	200	100	50	100	50	-	500
HUKUNTSI	150	100	100	100	50	-	500
WESTERN REGION	450	300	200	250	150	50	1,400
TOTAL TRADITIONAL	23,550	11,100	2,350	23,800	2,050	350	63,200

TABLE - 102 DRAFT POWER USED TO PLOUGH FIELDS : CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/ MULES	TRACTORS	TRACTORS AND ANIMALS	OTHERS	TOTAL
				-PERCENTAGE-			
BAROLONG	9.1	18.2	-	63.6	9.1	-	100.0
NGWAKETSE SOUTH	23.1	36.5	-	40.4	-	-	100.0
NGWAKETSE NORTH	44.8	20.7	1.7	29.3	3.4	-	100.0
NGWAKETSE CENTRAL	50.0	5.6	5.6	38.9	-	-	100.0
SOUTHERN REGION	36.1	23.1	1.4	36.5	2.9	-	100.0
BAMALETE	12.5	3.1	3.1	81.3	-	-	100.0
KWENENG SOUTH	55.2	3.7	3.0	34.3	3.7	-	100.0
KWENENG NORTH	50.0	14.6	4.2	27.1	4.2	-	100.0
KGATLENG	2.4	16.7	2.4	76.2	2.4	-	100.0
GABORONE REGION	32.7	8.5	3.0	53.0	2.7	-	100.0
MAHALAPYE EAST	18.1	16.7	2.8	59.7	2.8	-	100.0
MAHALAPYE WEST	5.2	10.3	1.7	81.0	1.7	-	100.0
PALAPYE	26.5	14.7	2.9	55.9	-	-	100.0
SEROWE	33.3	4.2	4.2	58.3	-	-	100.0
LETLHAKANE	50.0	20.0	10.0	20.0	-	-	100.0
BOBONONG	10.9	67.4	6.5	13.0	2.2	-	100.0
CENTRAL REGION	19.6	26.8	4.2	48.0	1.4	-	100.0
TATI	42.0	12.0	8.0	28.0	10.0	-	100.0
TUTUME	82.4	4.6	1.9	7.4	1.9	1.9	100.0
FRANCISTOWN REGION	63.0	8.2	4.8	17.3	5.8	1.0	100.0
NGAMILAND WEST	73.3	10.0	3.3	6.7	3.3	3.3	100.0
NGAMILAND EAST	36.0	40.0	4.0	12.0	4.0	4.0	100.0
CHOBE	72.7	4.5	4.5	9.1	9.1	-	100.0
MAUN REGION	59.1	20.5	3.8	9.1	4.5	3.0	100.0
GHANZI	25.0	25.0	12.5	12.5	12.5	12.5	100.0
KGALAGADI	40.0	20.0	10.0	20.0	10.0	-	100.0
HUKUNTSI	30.0	20.0	20.0	20.0	10.0	-	100.0
WESTERN REGION	32.1	21.4	14.3	17.9	10.7	3.6	100.0
TOTAL TRADITIONAL	37.3	17.6	3.7	37.7	3.2	0.6	100.0

TABLE-103 DRAFT-OWNERSHIP: CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
			-NUMBER-			
BAROLONG	350	-	650	-	100	1,100
NGWAKETSE SOUTH	1,250	-	1,000	100	250	2,600
NGWAKETSE NORTH	2,300	200	2,000	1,000	300	5,800
NGWAKETSE CENTRAL	450	50	300	100	-	900
SOUTHERN REGION	4,350	250	3,950	1,200	650	10,400
BAMALETE	100	-	2,900	50	150	3,200
KWENENG SOUTH	2,250	-	3,500	450	500	6,700
KWENENG NORTH	1,100	50	700	400	150	2,400
KGATLENG	550	-	3,450	200	-	4,200
GABORONE REGION	4,000	50	10,550	1,100	800	16,500
MAHALAPYE EAST	1,000	50	2,150	100	300	3,600
MAHALAPYE WEST	450	-	2,000	100	350	2,900
PALAPYE	650	50	2,000	400	300	3,400
SEROWE	600	100	1,150	500	50	2,400
LETLHAKANE	400	-	400	150	50	1,000
BOBONONG	2,750	100	900	300	550	4,600
CENTRAL REGION	5,850	300	8,600	1,550	1,600	17,900
TATI	1,300	50	1,800	1,000	850	5,000
TUTUME	2,850	50	850	1,500	150	5,400
FRANCISTOWN REGION	4,150	100	2,650	2,500	1,000	10,400
NGAMILAND WEST	1,550	50	150	1,050	200	3,000
NGAMILAND EAST	1,450	50	650	350	-	2,500
CHOBE	350	50	300	350	50	1,100
MAUN REGION	3,350	150	1,100	1,750	250	6,600
GHANZI	200	-	100	50	50	400
KGALAGADI	200	-	150	100	50	500
HUKUNTSI	250	-	150	50	50	500
WESTERN REGION	650	-	400	200	150	1,400
TOTAL TRADITIONAL	22,350	850	27,250	8,300	4,450	63,200

TABLE-104 DRAFT-OWNERSHIP: CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
			-PERCENTAGE-			
BAROLONG	31.8	-	59.1	-	9.1	100.0
NGWAKETSE SOUTH	48.1	-	38.5	3.8	9.6	100.0
NGWAKETSE NORTH	39.7	3.4	34.5	17.2	5.2	100.0
NGWAKETSE CENTRAL	50.0	5.6	33.3	11.1	-	100.0
SOUTHERN REGION	41.8	2.4	38.0	11.5	6.3	100.0
BAMALETE	3.1	-	90.6	1.6	4.7	100.0
KWENENG SOUTH	33.6	-	52.2	6.7	7.5	100.0
KWENENG NORTH	45.8	2.1	29.2	16.7	6.3	100.0
KGATLENG	13.1	-	82.1	4.8	-	100.0
GABORONE REGION	24.2	0.3	63.9	6.7	4.8	100.0
MAHALAPYE EAST	27.8	1.4	59.7	2.8	8.3	100.0
MAHALAPYE WEST	15.5	-	69.0	3.4	12.1	100.0
PALAPYE	19.1	1.5	58.8	11.8	8.8	100.0
SEROWE	25.0	4.2	47.9	20.8	2.1	100.0
LETLHAKANE	40.0	-	40.0	15.0	5.0	100.0
BOBONONG	59.8	2.2	19.6	6.5	12.0	100.0
CENTRAL REGION	32.7	1.7	48.0	8.7	8.9	100.0
TATI	26.0	1.0	36.0	20.0	17.0	100.0
TUTUME	52.8	0.9	15.7	27.8	2.8	100.0
FRANCISTOWN REGION	39.9	1.0	25.5	24.0	9.6	100.0
NGAMILAND WEST	51.7	1.7	5.0	35.0	6.7	100.0
NGAMILAND EAST	58.0	2.0	26.0	14.0	-	100.0
CHOBE	31.8	4.5	27.3	31.8	4.5	100.0
MAUN REGION	50.8	2.3	16.7	26.5	3.8	100.0
GHANZI	50.0	-	25.0	12.5	12.5	100.0
KGALAGADI	40.0	-	30.0	20.0	10.0	100.0
HUKUNTSI	50.0	-	30.0	10.0	10.0	100.0
WESTERN REGION	46.4	-	28.6	14.3	10.7	100.0
TOTAL TRADITIONAL	35.4	1.3	43.1	13.1	7.0	100.0

TABLE-105 PLANTING METHOD: CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
			-NUMBER-		
BAROLONG	200	800	100	-	1,100
NGWAKETSE SOUTH	700	1,600	150	150	2,600
NGWAKETSE NORTH	4,200	1,500	100	-	5,800
NGWAKETSE CENTRAL	500	400	-	-	900
SOUTHERN REGION	5,600	4,300	350	150	10,400
BAMALETE	3,000	100	-	100	3,200
KWENENG SOUTH	6,400	200	100	-	6,700
KWENENG NORTH	2,200	100	100	-	2,400
KGATLENG	3,900	200	100	-	4,200
GABORONE REGION	15,500	600	300	100	16,500
MAHALAPYE EAST	3,200	200	100	100	3,600
MAHALAPYE WEST	2,100	650	100	50	2,900
PALAPYE	3,100	100	100	100	3,400
SEROWE	2,100	200	50	50	2,400
LETLHAKANE	900	50	-	50	1,000
BOBONONG	4,200	200	100	100	4,600
CENTRAL REGION	15,600	1,400	450	450	17,900
TATI	4,500	200	300	-	5,000
TUTUME	5,100	100	200	-	5,400
FRANCISTOWN REGION	9,600	300	500	-	10,400
NGAMILAND WEST	2,800	50	50	100	3,000
NGAMILAND EAST	2,000	100	100	300	2,500
CHOBE	800	100	100	100	1,100
MAUN REGION	5,600	250	250	500	6,600
GHANZI	300	-	-	100	400
KGALAGADI	350	50	50	50	500
HUKUNTSI	350	50	50	50	500
WESTERN REGION	1,000	100	100	200	1,400
TOTAL TRADITIONAL	52,900	6,950	1,950	1,400	63,200

TABLE-106 PLANTING METHOD: CROP FARMS BY DISTRICT AND REGION

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
			-PERCENTAGE-		
BAROLONG	18.2	72.7	9.1	-	100.0
NGWAKETSE SOUTH	26.9	61.5	5.8	5.8	100.0
NGWAKETSE NORTH	72.4	25.9	1.7	-	100.0
NGWAKETSE CENTRAL	55.6	44.4	-	-	100.0
SOUTHERN REGION	53.8	41.3	3.4	1.4	100.0
BAMALETE	93.8	3.1	-	3.1	100.0
KWENENG SOUTH	95.5	3.0	1.5	-	100.0
KWENENG NORTH	91.7	4.2	4.2	-	100.0
KGATLENG	92.9	4.8	2.4	-	100.0
GABORONE REGION	93.9	3.6	1.8	0.6	100.0
MAHALAPYE EAST	88.9	5.6	2.8	2.8	100.0
MAHALAPYE WEST	72.4	22.4	3.4	1.7	100.0
PALAPYE	91.2	2.9	2.9	2.9	100.0
SEROWE	87.5	8.3	2.1	2.1	100.0
LETLHAKANE	90.0	5.0	-	5.0	100.0
BOBONONG	91.3	4.3	2.2	2.2	100.0
CENTRAL REGION	87.2	7.8	2.5	2.5	100.0
TATI	90.0	4.0	6.0	-	100.0
TUTUME	94.4	1.9	3.7	-	100.0
FRANCISTOWN REGION	92.3	2.9	4.8	-	100.0
NGAMILAND WEST	93.3	1.7	1.7	3.3	100.0
NGAMILAND EAST	80.0	4.0	4.0	12.0	100.0
CHOBE	72.7	9.1	9.1	9.1	100.0
MAUN REGION	84.8	3.8	3.8	7.6	100.0
GHANZI	75.0	-	-	25.0	100.0
KGALAGADI	70.0	10.0	10.0	10.0	100.0
HUKUNTSI	70.0	10.0	10.0	10.0	100.0
WESTERN REGION	71.4	7.1	7.1	14.3	100.0
TOTAL TRADITIONAL	83.7	11.0	3.1	2.2	100.0

TABLE-107 LABOUR: FAMILY, HIRED AND TOTAL USED FOR PLOUGHING/PLANTING BY DISTRICT AND REGION

DISTRICTS/ REGIONS	FAMILY LABOUR		HIRED LABOUR		TOTAL LABOUR	
	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM
BAROLONG	2,100	1.9	1,800	1.6	3,900	3.5
NGWAKETSE SOUTH	6,500	2.5	3,100	1.2	9,600	3.7
NGWAKETSE NORTH	14,000	2.4	6,000	1.0	20,000	3.4
NGWAKETSE CENTRAL	2,700	3.0	900	1.0	3,600	4.0
SOUTHERN REGION	25,300	2.4	11,800	1.1	37,100	3.6
BAMALETE	7,700	2.4	6,900	2.2	14,600	4.6
KWENENG SOUTH	20,000	3.0	7,700	1.1	27,700	4.1
KWENENG NORTH	6,800	2.8	2,100	0.9	8,900	3.7
KGATLENG	9,300	2.2	7,900	1.9	17,200	4.1
GABORONE REGION	43,800	2.7	24,600	1.5	68,400	4.1
MAHALAPYE EAST	9,200	2.6	4,800	1.3	14,000	3.9
MAHALAPYE WEST	7,000	2.4	5,900	2.0	12,900	4.4
PALAPYE	9,500	2.8	5,000	1.5	14,500	4.3
SEROWE	6,000	2.5	2,600	1.1	8,600	3.6
LETLHAKANE	2,200	2.2	800	0.8	3,000	3.0
BOBONONG	13,300	2.9	3,000	0.7	16,300	3.5
CENTRAL REGION	47,200	2.6	22,100	1.2	69,300	3.9
TATI	15,200	3.0	5,700	1.1	20,900	4.2
TUTUME	17,600	3.3	3,700	0.7	21,300	3.9
FRANCISTOWN REGION	32,800	3.2	9,400	0.9	42,200	4.1
NGAMILAND WEST	8,000	2.7	2,200	0.7	10,200	3.4
NGAMILAND EAST	6,900	2.8	1,500	0.6	8,400	3.4
CHOBE	2,900	2.6	1,000	0.9	3,900	3.5
MAUN REGION	17,800	2.7	4,700	0.7	22,500	3.4
GHANZI	1,100	2.8	400	1.0	1,500	3.8
KGALAGADI	1,000	2.0	400	0.8	1,400	2.8
HUKUNTSI	1,300	2.6	300	0.6	1,600	3.2
WESTERN REGION	3,400	2.4	1,100	0.8	4,500	3.2
TOTAL TRADITIONAL	170,300	2.7	73,700	1.2	244,000	3.9

Appendix

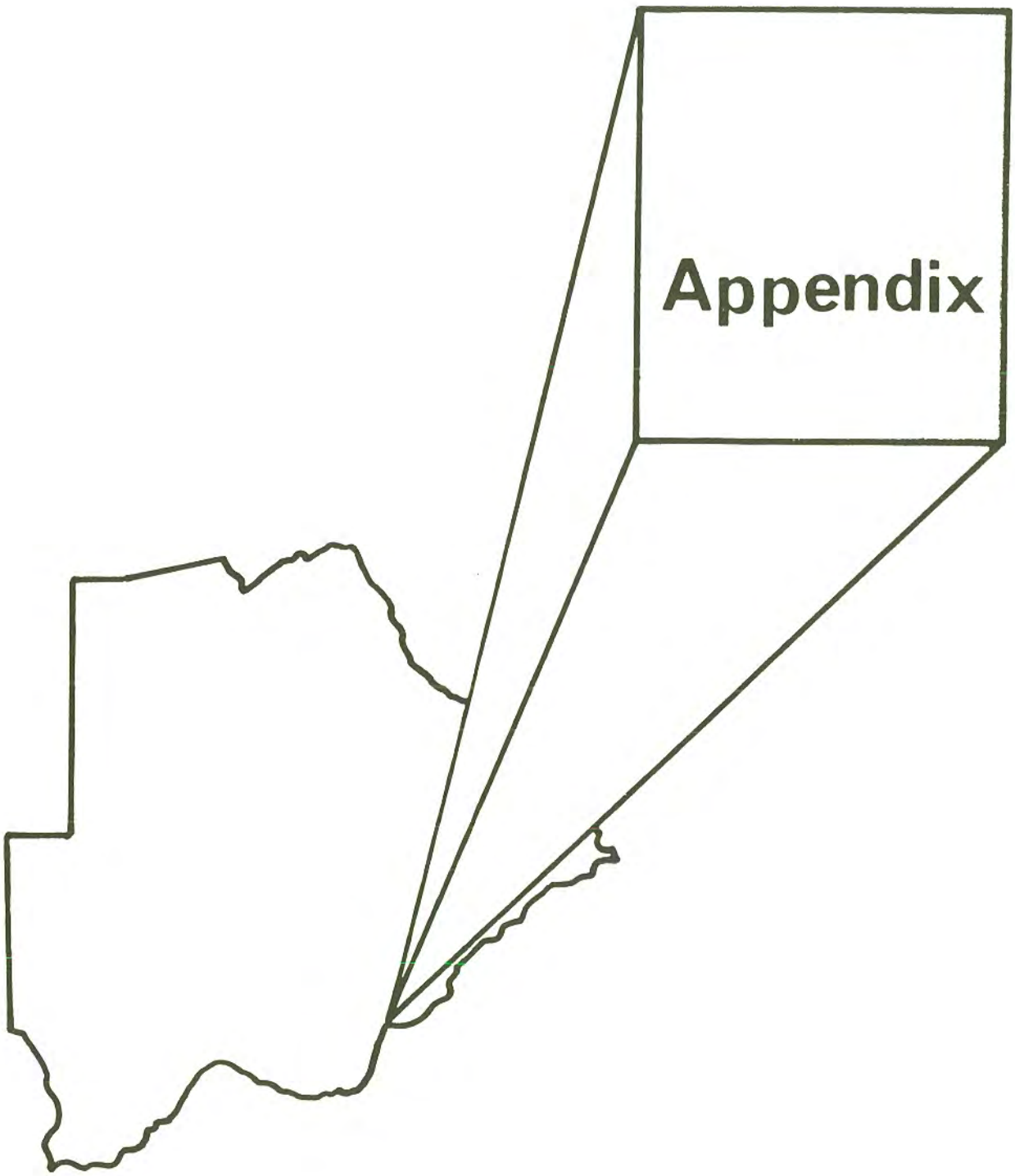


TABLE - A APPENDIX - I : FARMS, SEX OF HOLDER, TOTAL LAND AND AREA PLANTED BY SIZE OF CATTLE HOLDING
TRADITIONAL FARMS

HERD SIZE	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
	NUMBER	PERCENTAGE	PERCENTAGE		HECTARES	PERCENTAGE	HECTAR	PERCENTAGE
			MALE	FEMALE	('000)		('000)	
0	34,700	38.5	55.8	44.2	148.5	35.0	123.7	34.2
1 - 10	18,000	20.0	54.9	45.1	71.9	17.0	60.0	16.6
11 - 20	12,300	13.7	77.4	22.6	73.2	17.3	65.4	18.1
21 - 30	7,300	8.1	79.4	20.6	35.1	8.3	31.1	8.6
31 - 40	4,100	4.6	71.2	28.8	23.7	5.6	19.2	5.3
41 - 50	3,400	3.8	71.6	28.4	17.8	4.2	15.9	4.4
51 - 60	2,000	2.2	76.3	23.7	9.7	2.3	8.3	2.3
61 - 100	3,800	4.2	80.0	20.0	19.9	4.7	17.7	4.9
101 - 150	2,600	2.9	84.4	15.6	8.1	1.9	7.6	2.1
151 +	1,900	2.1	82.6	17.4	16.0	3.8	12.7	3.5
TOTAL TRADITIONAL	90,100	100.0	67.3	32.7	423.9	100.0	361.6	100.0

TABLE - B APPENDIX - I : AREA HARVESTED, TOTAL PRODUCTION AND AVERAGE YIELD BY SIZE OF CATTLE HOLDING-
TRADITIONAL FARMS

HERD SIZE	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVERAGE YIELD/ HA'PLANTED	AVG.YIELD/ HA'HARVESTED
	HECTARES ('000)	PERCENTAGE	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	78.2	30.6	12,275	25.2	99	157
1 - 10	47.0	18.4	6,770	13.9	113	144
11 - 20	50.1	19.6	9,255	19.0	142	185
21 - 30	22.2	8.7	6,185	12.7	199	279
31 - 40	13.0	5.1	3,020	6.2	157	232
41 - 50	10.2	4.0	2,240	4.6	141	220
51 - 60	4.9	1.9	1,020	2.1	123	208
61 - 100	12.8	5.0	3,410	7.0	193	266
101 - 150	5.9	2.3	2,725	5.6	359	462
151 +	11.3	4.4	1,805	3.7	142	160
TOTAL TRADITIONAL	255.6	100.0	48,705	100.0	135	191

TABLE - A APPENDIX -II : FARMS, SEX OF HOLDER, TOTAL LAND AND AREA PLANTED BY SIZE OF TOTAL PRODUCTION - TRADITIONAL FARMS

TOTAL PRODUCTION FOUR CROPS	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
KILOGRAMS	NUMBER	PERCENTAGE	--PERCENTAGE-- MALE	FEMALE	HECTARES ('000)	PERCENTAGE	HECTARES ('000)	PERCENTAGE
0	45,700	50.7	64.7	35.3	107.7	25.4	71.6	19.8
1 - 250	16,600	18.4	65.0	35.0	73.3	17.3	65.8	18.2
251 - 500	9,600	10.7	68.9	31.1	59.3	14.0	54.6	15.1
501 - 750	4,800	5.3	65.8	34.2	36.0	8.5	32.9	9.1
751 - 1000	3,000	3.3	71.3	28.7	26.7	6.3	24.6	6.8
1001 - 1500	3,900	4.3	70.6	29.4	28.8	6.8	26.0	7.2
1501 - 2000	1,800	2.0	80.2	19.8	19.9	4.7	18.4	5.1
2001 - 3000	2,000	2.2	75.2	24.8	16.5	3.9	15.5	4.3
3001 +	2,700	3.0	84.1	15.9	55.7	13.1	52.2	14.4
TOTAL TRADITIONAL	90,100	100.0	67.3	32.7	423.9	100.0	361.6	100.0

TABLE - B APPENDIX -II : AREA HARVESTED, TOTAL PRODUCTION AND AVERAGE YIELD BY SIZE OF TOTAL PRODUCTION - TRADITIONAL FARMS

TOTAL PRODUCTION FOUR CROPS	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG.YIELD/ HA'PLANTED	AVG.YIELD/ HA'HARVESTED
KILOGRAMS	HECTARES ('000)	PERCENTAGE	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	-	-	-	-	-	-
1 - 250	51.4	20.1	2,290	4.7	35	45
251 - 500	47.0	18.4	4,090	8.4	75	87
501 - 750	27.9	10.9	3,410	7.0	104	122
751 - 1000	24.5	9.6	2,875	5.9	117	117
1001 - 1500	23.5	9.2	5,410	11.1	208	230
1501 - 2000	17.1	6.7	6,515	13.4	354	381
2001 - 3000	14.2	5.6	6,820	14.0	440	480
3001 +	50.0	19.6	17,295	35.5	331	346
TOTAL TRADITIONAL	255.6	100.0	48,705	100.0	135	191

TABLE - A APPENDIX -III : FARMS, SEX OF HOLDER, TOTAL LAND AND AREA PLANTED BY SIZE OF AVERAGE YIELD PER HECTARE. TRADITIONAL FARMS

AVERAGE YIELD FOUR CROPS	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
KILOGRAMS	NUMBER	PERCENTAGE	PERCENTAGE MALE	PERCENTAGE FEMALE	HECTARES ('000)	PERCENTAGE	HECTARES ('000)	PERCENTAGE
0	45,700	50.7	64.4	35.6	107.7	25.4	71.6	19.8
1 - 50	9,300	10.3	68.9	31.1	64.0	15.1	59.3	16.4
51 - 100	10,700	11.9	65.4	34.6	81.0	19.1	73.0	20.2
101 - 150	5,900	6.5	71.5	28.5	40.7	9.6	38.0	10.5
151 - 200	4,300	4.8	67.8	32.2	24.6	5.8	21.7	6.0
201 - 250	2,900	3.2	73.1	26.9	23.7	5.6	22.4	6.2
251 - 300	3,100	3.4	65.8	34.2	27.6	6.5	26.0	7.2
301 - 400	2,600	2.9	64.4	35.6	19.5	4.6	18.4	5.1
401 - 500	1,400	1.6	73.9	26.1	11.0	2.6	10.1	2.8
501 - 600	1,300	1.4	72.3	27.7	8.9	2.1	7.6	2.1
601 +	2,900	3.2	72.5	27.5	15.2	3.6	13.5	3.7
TOTAL TRADITIONAL	90,100	100.0	67.3	32.7	423.9	100.0	361.6	100.0

TABLE - B APPENDIX -III: AREA HARVESTED, TOTAL PRODUCTION AND AVERAGE YIELD BY SIZE OF AVERAGE SIZE PER HECTARE- TRADITIONAL FARMS

AVERAGE YIELD FOUR CROPS	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG.YIELD/ HA'PLANTED	AVG.YIELD/ HA'HARVESTED
KILOGRAMS	HECTARES ('000)	PERCENTAGE	TONNES	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	-	-	-	-	-	-
1 - 50	55.0	21.5	1,850	3.8	31	34
51 - 100	63.9	25.0	4,775	9.8	65	75
101 - 150	33.5	13.1	4,090	8.4	108	122
151 - 200	18.9	7.4	3,265	6.7	150	173
201 - 250	19.2	7.5	4,190	8.6	187	218
251 - 300	23.0	9.0	6,185	12.7	238	269
301 - 400	16.6	6.5	5,505	11.3	299	332
401 - 500	8.2	3.2	3,650	7.5	361	445
501 - 600	6.9	2.7	3,650	7.5	480	529
601 +	10.4	4.1	11,545	23.7	855	1,110
TOTAL TRADITIONAL	255.6	100.0	48,705	100.0	135	191

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