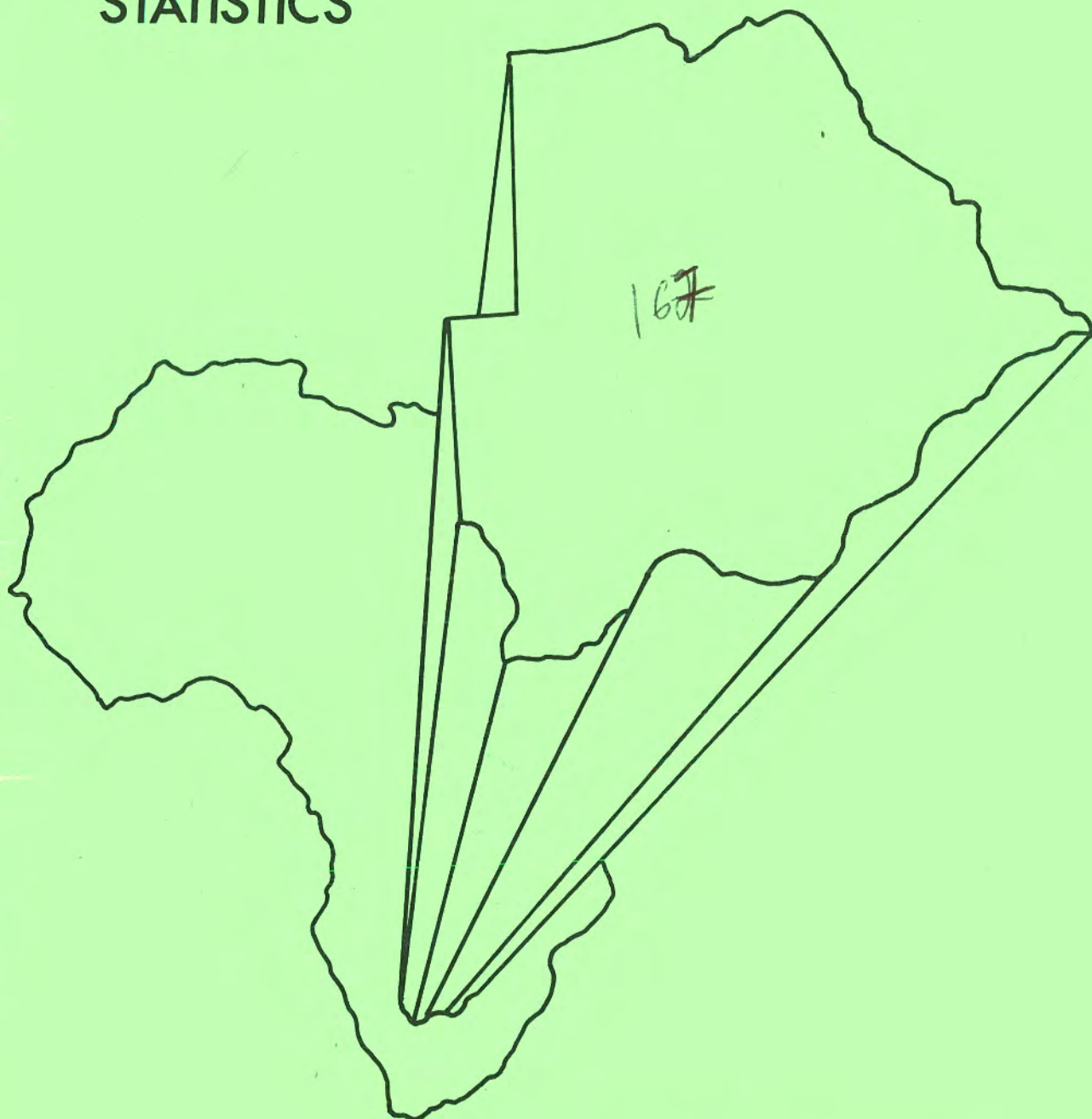


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**1985
BOTSWANA
AGRICULTURAL
STATISTICS**

352 200



Planning & Statistics
MINISTRY OF AGRICULTURE
Central Statistics Office
MINISTRY OF FINANCE &
DEVELOPMENT PLANNING

PREFACE AND ACKNOWLEDGEMENTS.

This report presents the result of the 1985 Agricultural Survey, which is the latest in a continuous series of annual surveys started in 1967. However, unlike earlier editions, the 1985 Botswana Agricultural Statistics includes tables and graphs depicting national trends in area planted, harvested, average and total yields from 1979 to present.

In conducting this survey, a sample of traditional and commercial farmers were each interviewed three different times during the agricultural season. Each of the farmers was queried on a variety of issues covering all aspects of livestock and arable agricultural production. In addition, data was collected on socio-economic features of rural households engaged in agricultural activities. In this manner, a wide range of quantitative information on the structure and other characteristics of agriculture were obtained, including data on impact of the current drought relief measures.

Grateful acknowledgements is due to the following individuals, without whom it would not have been possible to complete this survey in a timely fashion: Masego Mokubung, H.B. Nthibe, Frank Limbo, Gabriel Sebina, Pinkie Setshwane, Sheila Molefe and Johannah Moswetsi from the Agricultural Statistics Unit; N. Shrestha from the Govt'. Computer Bureau, the field supervisors and enumerators who collected the data, often under very difficult situations.

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AGRICULTURAL STATISTICS.

Area of Coverage.

The 1985 Agricultural Statistics contains a comprehensive agricultural production data and related information on Botswana. Virtually all traditional and commercial farms within the country had a known probability of being selected.

The area of coverage for the traditional farms is divided into six agricultural regions comprising of 19 districts. These regions and districts contain complete coverage of Botswana and are shown in the map on the following (page).

Excluded from the survey coverage are the traditional farm holders living "year round" in the cities of Gaborone, Lobatse, Francistown, Orapa and Selebi-Phikwe. The number of traditional farm holders in these areas is estimated to be less than two percent of the total traditional farm number.

Enumeration.

The survey was carried out by six enumeration teams, each consisting of one supervisor, four to five enumerators and one driver. The enumeration was conducted in three phases from early January of 1985 through October of the same year as follows:

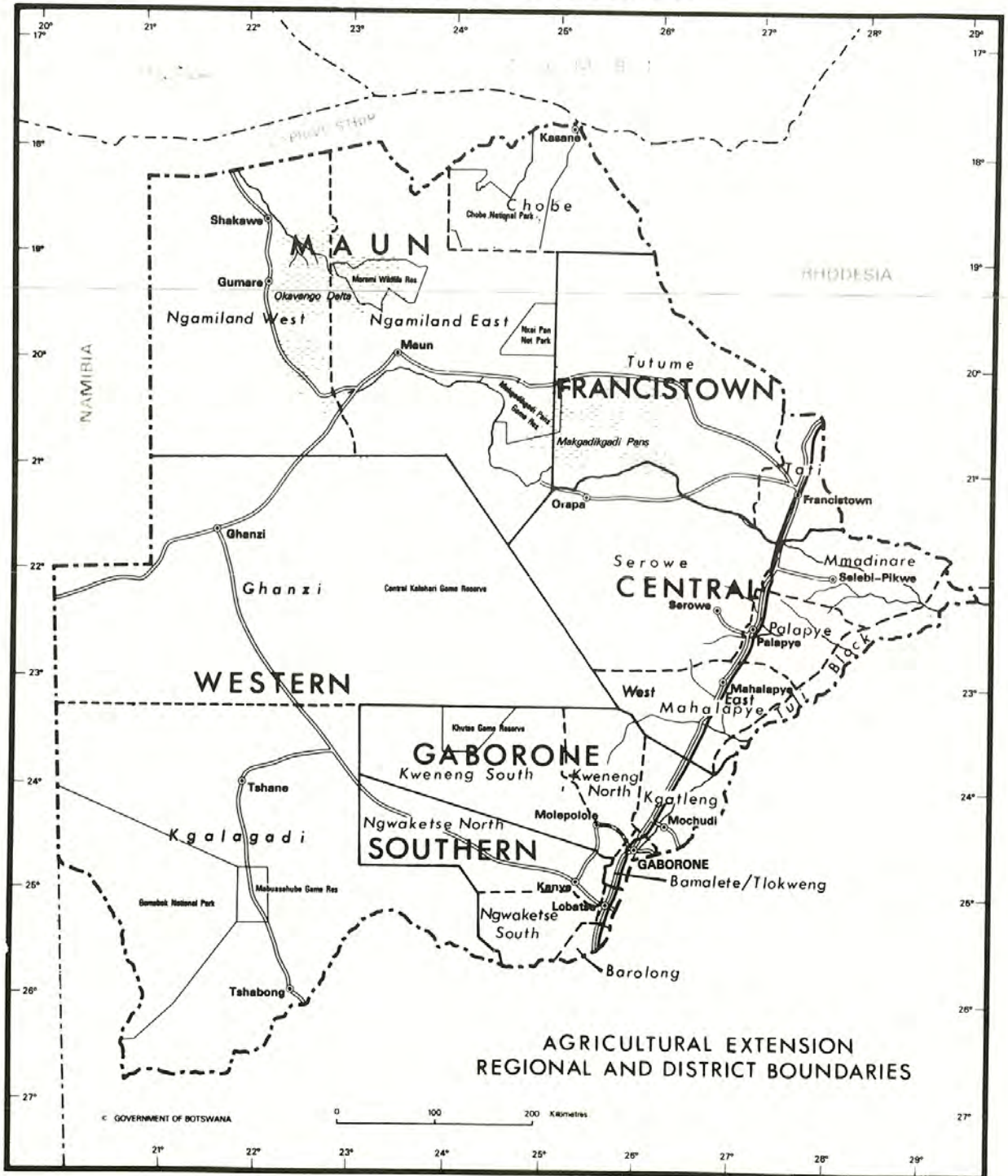
- I. January-May:- Listing of dwellings and farms in sample blocks. Farm holder information, crops planted, and area measurement. To measure area of each field, the triangular method was used; any polygon was broken down into triangles, and these areas were calculated by a programmed calculator (HP 79) at Gaborone.
- II. June-September:- Traditional farm data for livestock, crops harvested, and crop production.
- III. July-October:- Commercial farm data for crops planted, crop harvested, production and livestock.

The supervisors made a final review of all completed questionnaires before leaving a block. Upon completion of a block, the questionnaires were mailed to the Gaborone Central office where they were checked, edited and coded. The team supervisors were contacted immediately when questions arose or apparent problems with data were found.

Methodology.

The 1985 Agricultural Statistics was obtained from probability survey incorporating the use of a list of names for the commercial farms located in Tuli, Tati, Molopo, Gaborone, Lobatse, Xanagas and Sedibeng blocks, and areas of land used for the traditional farm frame.

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A sample of about 25 percent commercial farm was selected from each commercial block areas. A questionnaire was then required to be completed in every operation selected. First, a letter, questionnaire and a return envelope were mailed on August the 8th, 1985 to the selected operations and this was followed by a second mailing three weeks later. Personal interviews were obtained from the non-response operations in the latter part of the year.

The entire land area of Botswana for the urban areas and commercial farm areas formed the basis of the area frame used for this survey. This area was sub-divided into 2,936 blocks using the criterion of nearly equal number of dwellings with definable boundaries. Blocks were stratified in districts according to village area, land areas and cattle-posts areas. At the first stage of sampling the 'n' blocks randomly selected from each strata within a district with probability p_i proportional to the total number of dwellings listed during population census of 1981, then within each selected block a list was made of the farms M_i from which a random sample of m_i farms was taken,. The sampling fraction was about one out of every 45 farmers. The estimate for any characteristic 'Y' is given by

$$\hat{Y} = \frac{1}{n} \sum \frac{M_i y_i}{p_i m_i}$$

The farmers who reported holdings of 100 or more cattle were selected with a probability of one and the estimate 'Y' is given by

$$\hat{Y} = \frac{1}{n} \sum \frac{y_i}{p_i}$$

The estimate of variance is given by

$$V(\hat{Y}) = \frac{1}{n(n-1)} \left[\sum \left(\frac{M_i y_i}{p_i m_i} \right)^2 - \frac{1}{n} \left(\sum \frac{M_i y_i}{p_i m_i} \right)^2 \right]$$

The measure of precision for individual estimates is stated in terms of relative standard error, the coefficient of variation (C.V). The coefficient of variation are shown in summary tables 7 and 8 for the national agricultural estimates. For example, the standard error for the total number of cattle would be 194,293 ($2,459 \times 7.9\%$). About two-thirds confidence interval would be plus or minus two standard errors. Thus, the 95% confidence interval for total cattle would be (2,070,814 - 2,847,986) ($2,459,400 \pm 388,586$).

Training, Data Collection and Summarization.

Emphasis has continued to be placed upon improving training schools, supervision, and quality control with the objective to reduce non-sampling errors.

During the survey, data were continually entered directly from the forms into the computer edit used for detecting data entry, coding and enumeration errors. Necessary corrections were made on the forms and to the data set in the computer. This procedure made possible the complete summarization of the data three weeks after the completion of the survey.

Interpretation of the Data.

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

1. For the 1985 survey, as was the case for previous surveys, the sampling frame was obtained from the 1981 Botswana population census forms. There has since been changes in Agricultural Extension Boundaries for regions and districts. This has resulted in changes in the regional and district estimates, as compared to the 1981 Agricultural survey estimates. However, the user of the data should keep in mind that the standard errors for district estimates continue to be relatively large.
2. Individual data were assigned to the district where the farm holder was "living" at the time of the first interview. The reported livestock and/or crops might be located in a different district causing some slight distortion in the "true" district totals.
3. Commercial farm estimates are presented on a national level basis only. Thus, some districts totals could be increased significantly if commercial farm data were included.
4. Although enumerators were instructed to obtain all production data from a given field, they found it difficult to account for "green meals" harvested during the season. As a result, maize production might be underestimated.
5. A point system was used to determine whether a particular individual qualified as a farmer (see terms and definitions).
6. Reference to total land in the tables refer only to land that is fallow or is in crops. Commercial land area would be nearly 40,000 square kilometers with a coefficient of variation of 22 percent if grazing land and non-farm land were included.

Terms and Definitions.

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

	<u>Points</u>
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	100
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, geese, ducks, per head	4

<u>Head of Household:</u>	is the person who is in "charge" of the household.
<u>Agricultural Holder:</u>	The person in the household who makes the day-to-day decisions for the farm.
<u>Livestock Farms::</u>	Agricultural holders were classified according to specific livestock farms if they own or manage one or more animals of a species.
<u>Other livestock farms:</u>	These include farms with mules, donkeys horses, chickens and/or other birds (ducks, geese, turkeys etc.)
<u>Bull:</u>	A grown male that is used for breeding purposes(usually over three years old).
<u>Cow:</u>	A full grown female (usually over three years of age) that has calved.
<u>Heifer:</u>	A young female that has not yet calved but is at least one year old but less than three years old.
<u>Tollies:</u>	A young male that is at least one year old but less than three years old.
<u>Calf:</u>	A male or female which is under one year old.
<u>Chicken:</u>	A general term used to define hens, roosters, chicks pullets etc.
<u>Death:</u>	Includes deaths from natural causes, disease and predators but excludes "still" births (livestock born dead).
<u>Home Slaughter:</u>	Livestock killed for home consumption.
<u>Sales:</u>	Livestock sold, gifts out, and/or traded away.
<u>Purchases:</u>	Livestock bought, gifts in, and/or traded for.
<u>Net Sales:</u>	Sales minus Purchases.
<u>Crop Farm:</u>	A farm with crops planted during the 1985 crop year.
<u>Land Area:</u>	A continuous piece of land that contains crop and/or fallow areas. Grazing or non-cleared areas are not included.
<u>Field:</u>	A continuous piece of land that is under one use, i.e. one crop, one crop mixture or is fallow.

<u>Fallow Land:</u>	Land that was not planted during the 1984/85 crop year but has been planted at least once during the past five years.
<u>Mixed Crops:</u>	Two or more crops interplanted in the same field.
<u>Four Crops:</u>	Consists of the four food crops of sorghum, maize, millet and beans/pulses.

Footnotes:

One standard set of footnotes is used for the tables and are defined as follows:

- 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.

TABLE-1 LIVESTOCK POPULATION (1979-85)

	1979	1980	1981	1982	1983	1984	1985
			-----	NUMBERS (000)	-----		
CATTLE	2 840	2 911	2 967	2 979	2 818	2 685	2 459
GOAT	616	638	621	636	783	889	1 138
SHEEP	152	149	140	140	165	167	200
DONKEY/MULE	127	130	127	138	142	139	146
HORSES	18	22	24	24	23	23	23
CHICKENS	740	833	1 046	1 146	961	714	1 020
PIGS	6	6	5	5	5	7	9

1985-AGRICULTURAL STATISTICS

Livestock Population 1979-85

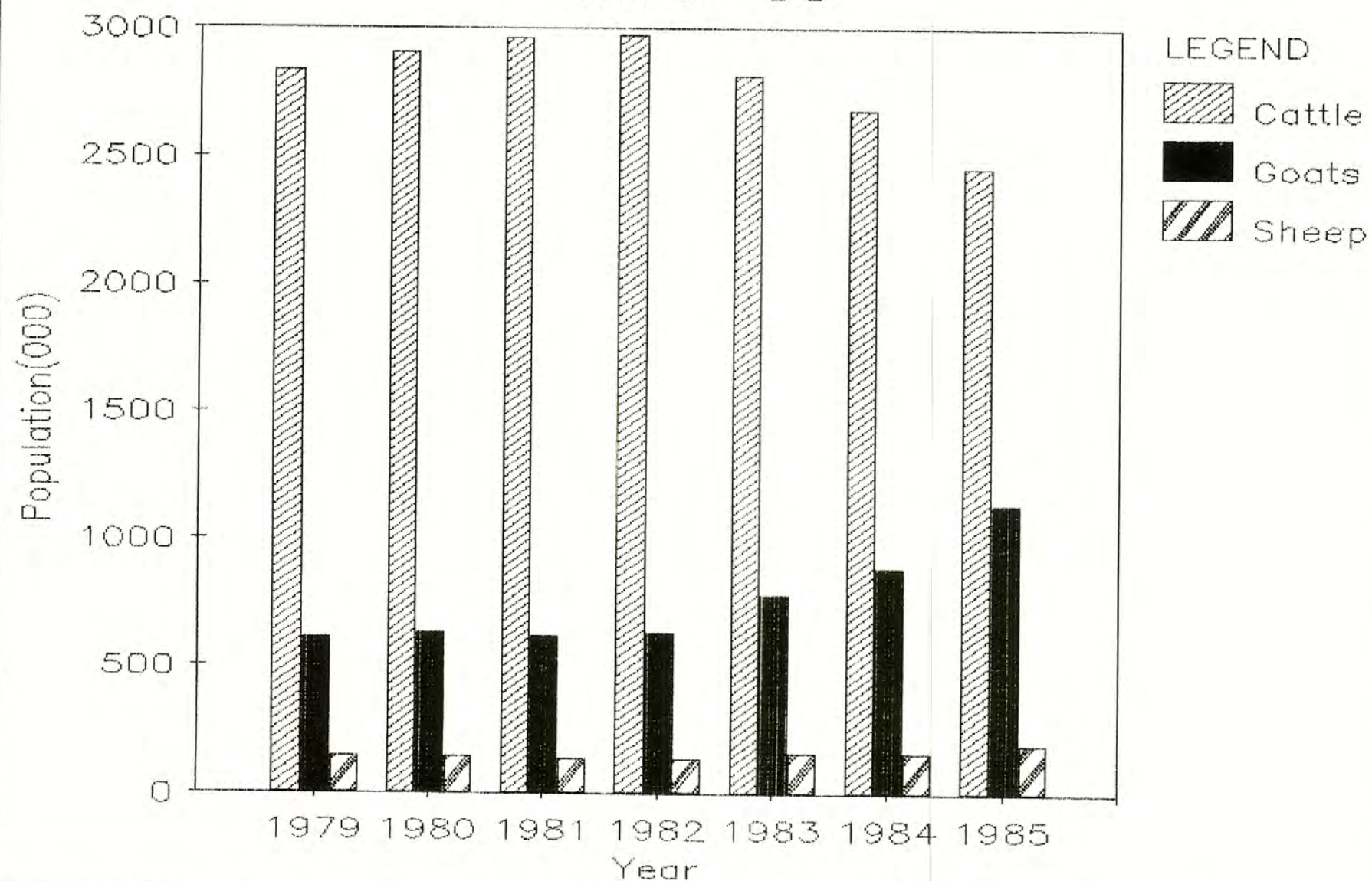


TABLE-2 LIVESTOCK: BIRTH, DEATH AND OFF TAKE RATES

	1979	1980	1981	1982 - PERCENTAGE	1983	1984	1985
CATTLE							

BIRTH RATE	59.0	58.7	57.0	59.6	52.3	53.6	54.5
DEATH RATE	9.8	12.1	12.1	15.2	16.3	18.0	21.0
OFF TAKE	<u>10.2</u>	<u>7.8</u>	8.0	8.1	10.4	9.8	12.1
GOAT							

BIRTH RATE	70.3	83.1	81.1	86.0	86.4	79.9	78.0
DEATH RATE	45.3	34.4	31.9	27.2	22.5	25.3	19.7
OFF TAKE	9.4	7.2	7.3	8.5	6.5	7.2	5.9
SHEEP							

BIRTH RATE	50.9	70.3	61.5	68.1	63.3	66.6	61.2
DEATH RATE	36.1	30.6	24.8	34.6	21.8	24.2	19.3
OFF TAKE	8.6	15.4	9.3	8.6	10.9	12.6	7.1

1985-AGRICULTURAL STATISTICS

$$\text{Off take} = \text{Sales} + \text{Home slaughter} - \text{Purchaser.}$$

$$\text{Nat'l Estimated Slaughter}$$

CATTLE: BIRTH, DEATH, AND OFFTAKE RATES (1979-85)

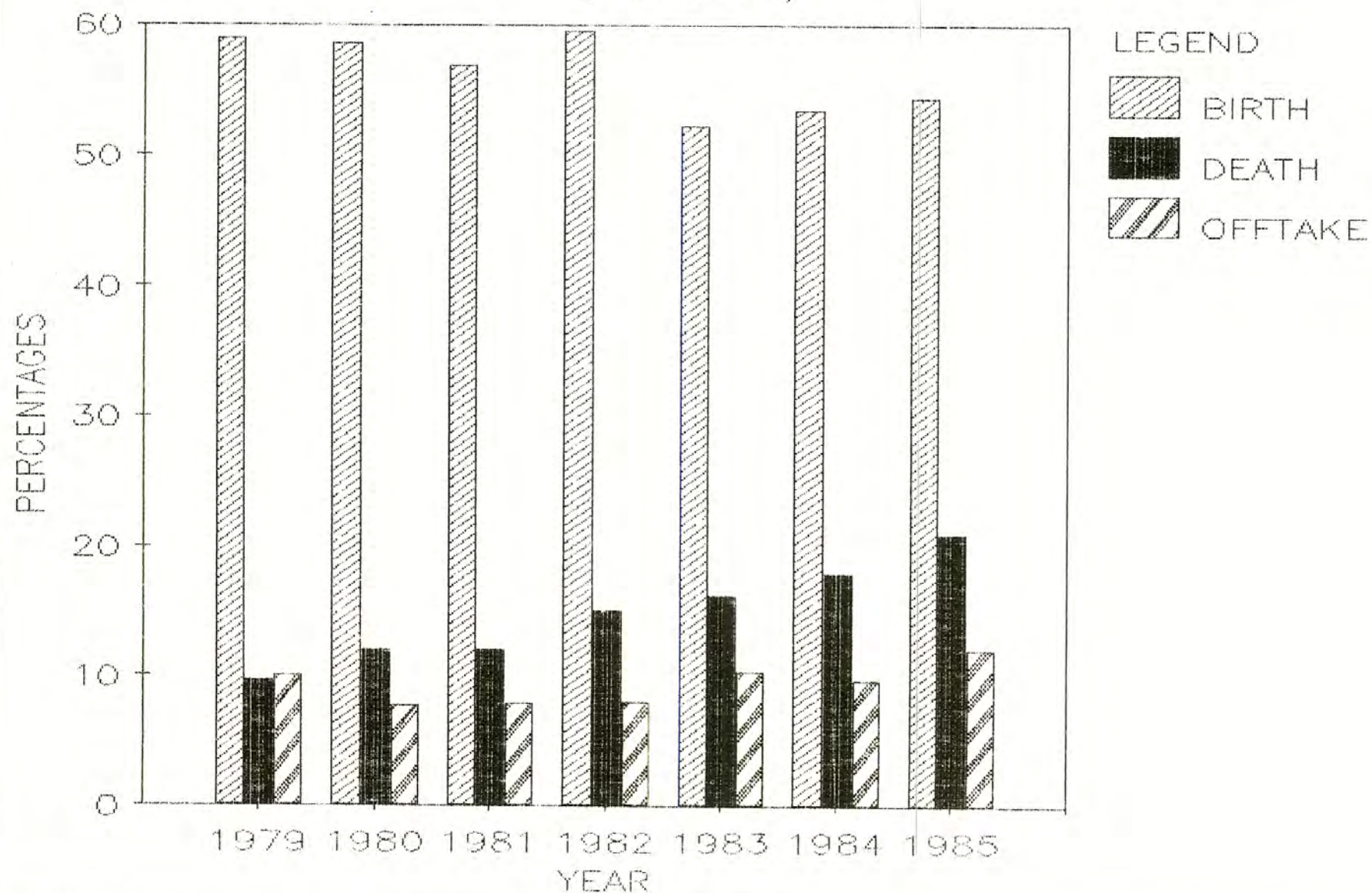


TABLE-3 AREA PLANTED BY CROPS (1979-85)

	1979	1980	1981 -----	1982 HECTARES (000)	1983 -----	1984	1985
SORGHUM	68	147	141	93	126	114	125
MAIZE	52	80	87	64	61	48	49
MILLET	13	17	20	16	17	17	16
BEANS/PULSES	27	24	26	20	22	17	15
SUNFLOWER	6	7	3	2	1	2	3
GROUNDNUTS	4	5	5	2	1	4	2
OTHER CROPS	10	7	8	7	1	1	1
T O T A L	180	287	290	204	229	203	211

AREA PLANTED BY CROPS

(SORGHUM, MAIZE, MILLET, BEANS/PULSES)

1979-85

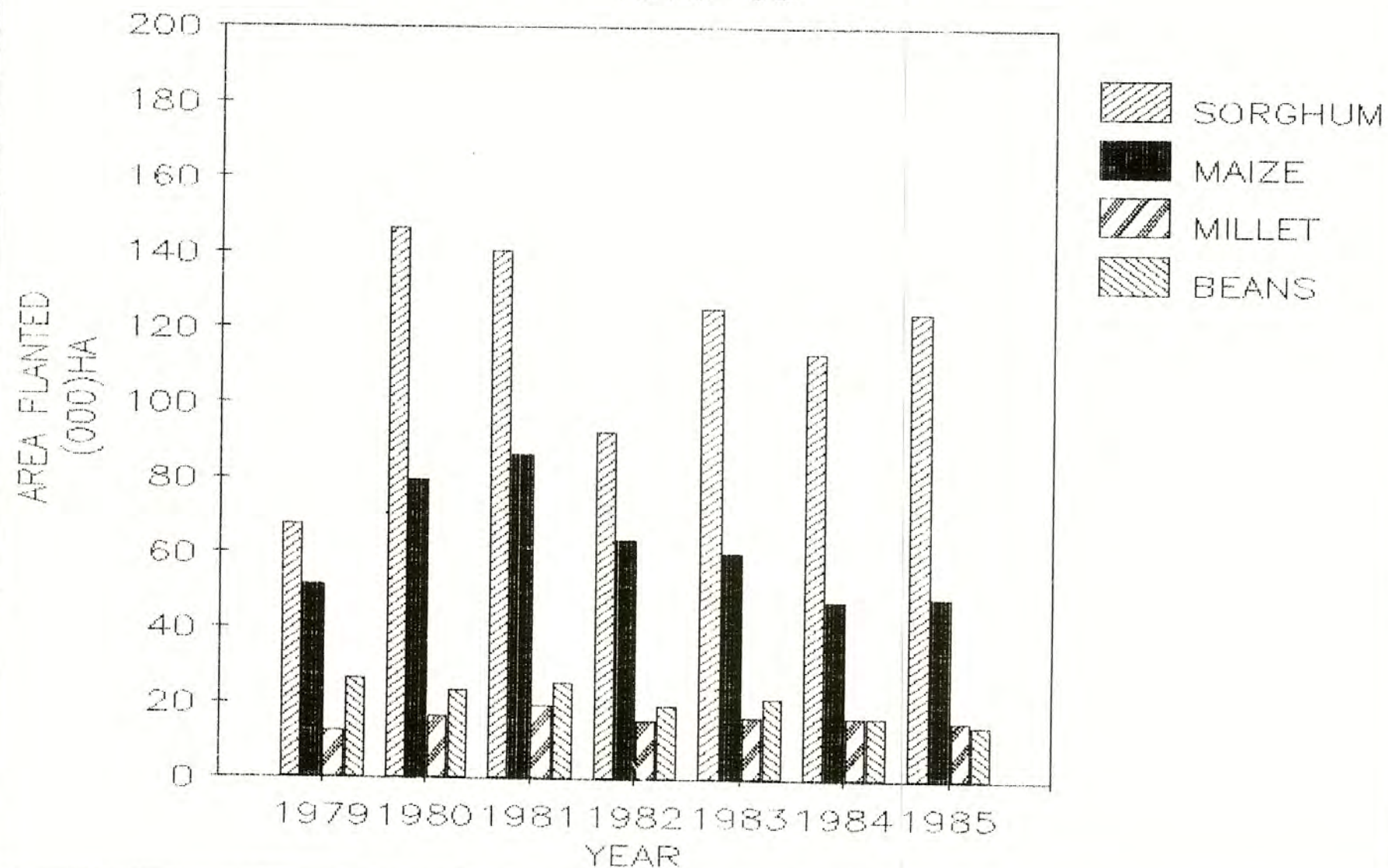


TABLE-4 AREA HARVESTED BY CROPS (1979-85)

	1979	1980	1981 -----	1982 HECTARES (000)	1983 -----	1984	1985
SORGHUM	43.0	131.0	123.0	37.0	35.0	49.0	83.0
MAIZE	21.0	47.0	59.0	24.0	20.0	3.0	8.0
MILLET	8.0	14.0	13.0	4.0	6.0	8.0	10.0
BEANS/PULSES	14.0	13.0	15.0	4.0	3.0	3.0	3.0
SUNFLOWER	5.1	6.7	2.9	1.9	0.5	1.3	0.6
GROUNDNUTS	2.4	3.8	4.3	0.7	0.6	1.8	1.0
OTHER CROPS	6.5	2.5	4.8	4.4	0.9	1.0	0.4
T O T A L	100.0	218.0	222.0	76.0	66.0	67.0	106.0

AREA HARVESTED BY CROPS

(SORGHUM, MAIZE, MILLET, BEANS/PULSES)

1979-85

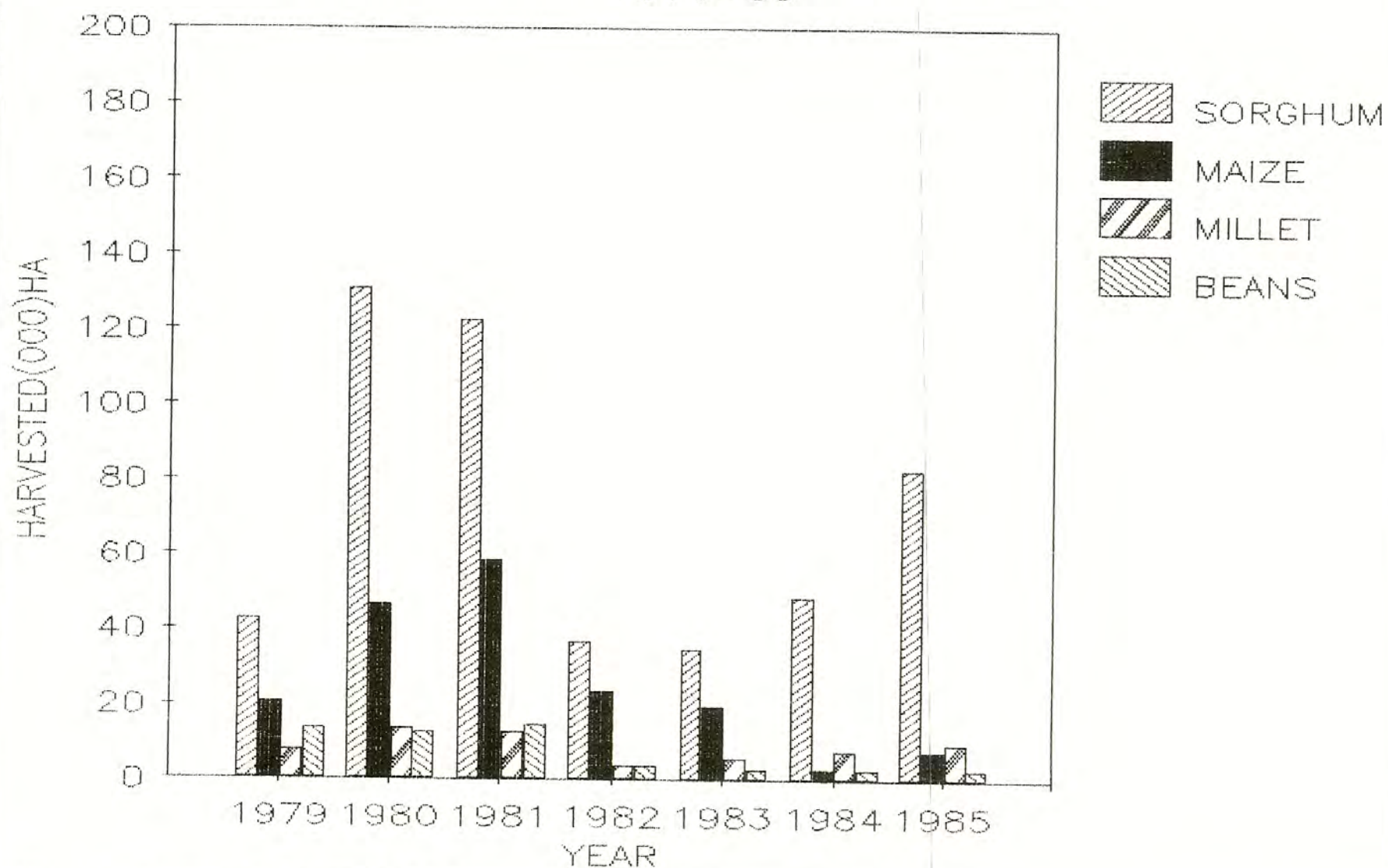


TABLE-5 TOTAL CROP PRODUCTION (1979-85)

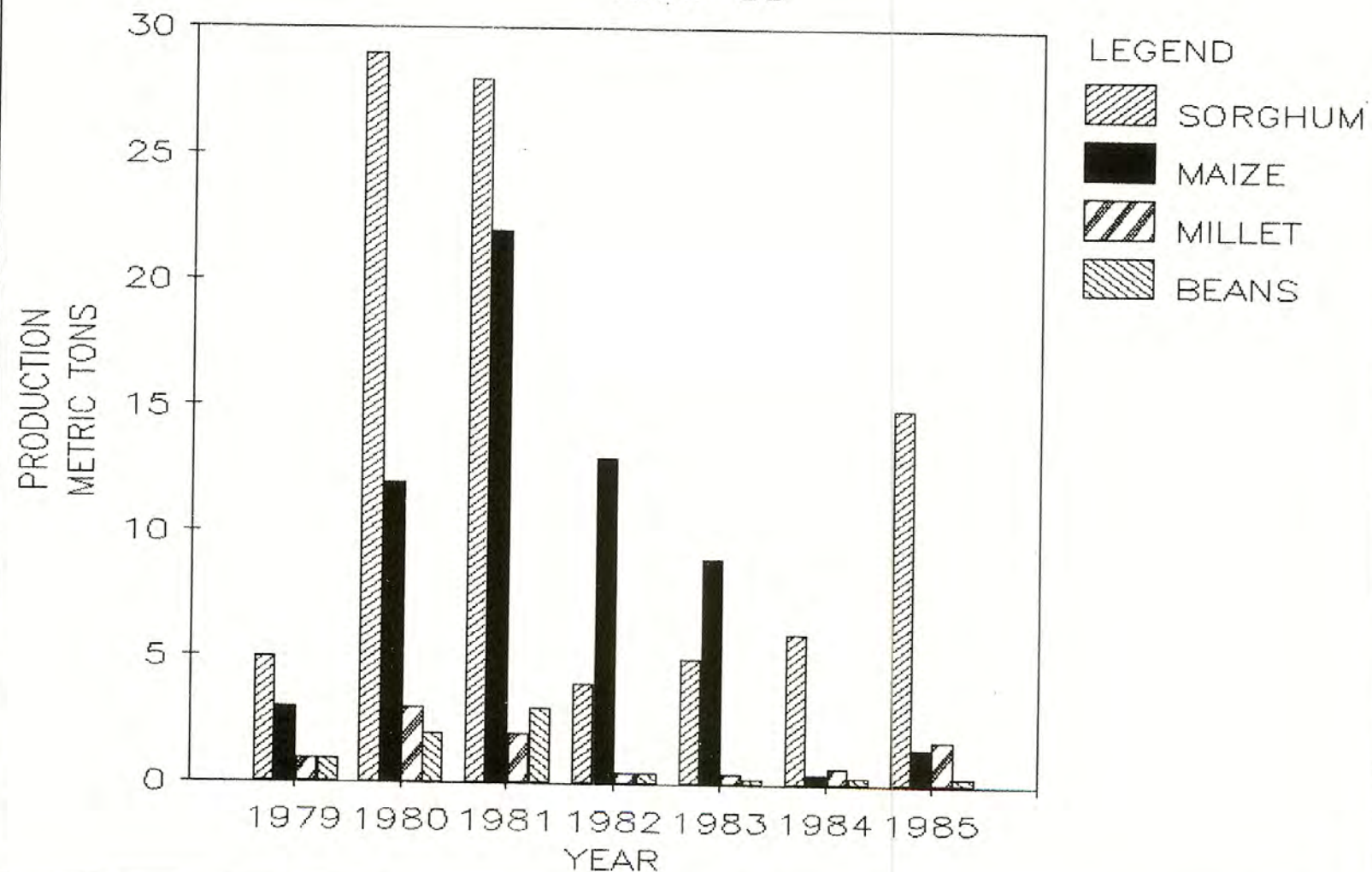
	1979	1980	1981	1982	1983	1984	1985
			-----	METRIC TONS (000)	-----		
SORGHUM	5.0	29.0	28.0	4.0	5.0	6.0	15.0
MAIZE	3.0	12.0	22.0	13.0	9.0	0.5	1.5
MILLET	1.0	3.0	2.0	0.5	0.5	0.7	1.8
BEANS/PULSES	1.0	2.0	3.0	0.5	0.3	0.4	0.4
SUNFLOWER	0.9	1.4	1.2	0.7	0.2	0.4	0.5
GROUNDNUTS	0.2	1.4	2.0	0.3	0.8	0.6	0.8

1985-AGRICULTURAL STATISTICS

TOTAL CROPS PRODUCTION

(SORGHUM, MAIZE, MILLET, BEANS/PULSES)

1979-85



AREA PLANTED AND PRODUCTION OF GRAIN CROPS (SORGHUM, MAIZE, MILLET AND BEANS/PULSES) 1967/68-1984/85

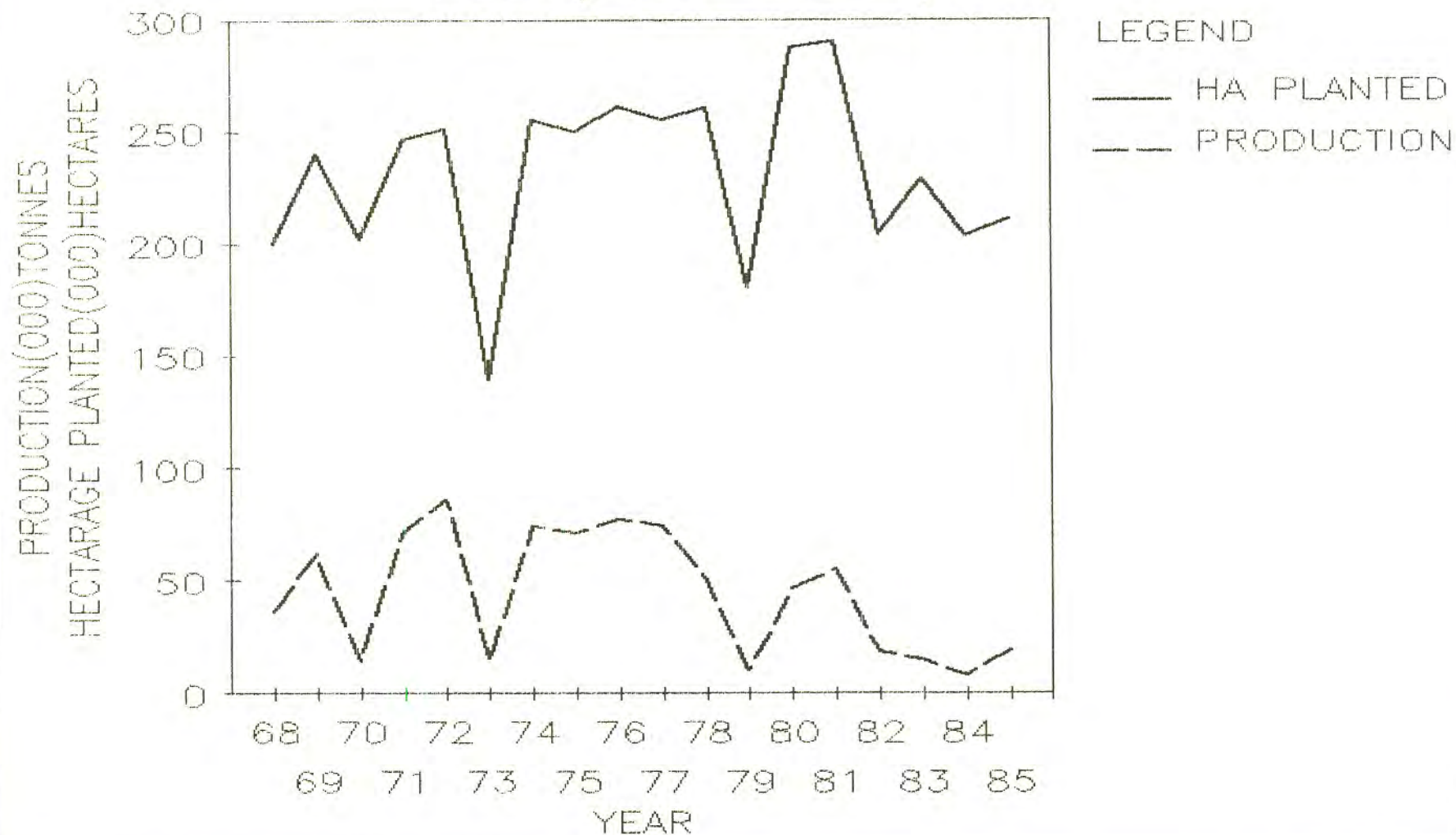


TABLE-006 S A M P L E SIZE OF BLOCKS AND HOLDERS FOR TRADITIONAL FARMS
BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BLOCKS IN POPULATION	BLOCKS SELECTED	HOLDERS SELECTED
TRADITIONAL -----			
BAROLONG	37	12	92
NGWAKETSE SOUTH	120	15	113
NGWAKETSE NORTH	332	28	189
SOUTHERN REGION	489	55	394
BAMALETE	96	9	49
KWENENG SOUTH	263	20	148
KWENENG NORTH	139	12	81
KGATLENG	182	18	142
GABORONE REGION	680	59	420
MAHALAPYE EAST	168	11	91
MAHALAPYE WEST	144	9	81
PALAPYE	168	12	106
SEROWE	261	20	174
BOBONONG	226	20	166
CENTRAL REGION	967	72	618
TATI	142	15	119
TUTUME	191	20	152
FRANCISTOWN REGION	333	35	271
NGAMILAND WEST	175	21	153
NGAMILAND EAST	150	19	131
CHOBE	27	5	25
MAUN REGION	352	45	309
GHANZI	54	13	73
KGALAGADI	63	17	111
WESTERN REGION	117	30	184
T O T A L	2 936	296	2 196

TABLE-U07 PRELIMINARY SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL LIVESTOCK ESTIMATES
(1984-1985) AGRICULTURAL STATISTICS

	---- TRADITIONAL		COMMERCIAL		T O T A L ----		C.V. 1985 PERCENT
	1985	1984	1985 ----- NUMBER	1984 -----	1985	1984	
TOTAL FARMS	80 500	80 400	500	390	81 000	80 790	4.5
CATTLE:							
CATTLE FARMS	53 200	57 300	490	340	53 690	57 640	4.7
TOTAL CATTLE	2 091 600	2 305 800	367 800	379 500	2 459 400	2 685 300	7.9
BULLS	39 800	37 400	7 000	5 900	46 800	43 300	8.7
OXEN	199 600	255 600	14 900	85 400	214 500	341 000	7.6
COWS	879 200	955 800	147 200	112 600	1 026 400	1 068 400	7.6
TOLLIES	243 800	277 000	63 300	50 200	307 100	327 200	8.8
HEIFERS	327 200	350 300	59 900	54 300	387 100	404 600	9.0
CALVES	402 000	429 700	75 500	71 100	477 500	500 800	8.1
BIRTHS	477 000	501 800	82 500	79 300	559 500	581 100	7.9
DEATHS	493 300	445 000	22 900	38 000	516 200	483 000	8.1
SALES	200 600	169 200	113 500	147 400	314 100	316 600	9.3
PURCHASES	33 000	31 200	40 000	68 300	73 000	99 500	14.2
HOME SLAUGHTER	48 300	38 900	9 000	8 000	57 300	46 900	9.9
GOATS:							
GOAT FARMS	53 000	49 600	270	200	53 270	49 800	5.0
TOTAL GOATS	1 108 300	864 700	29 200	24 600	1 137 500	889 300	6.6
MALES ONE YEAR AND OVER	163 200	127 000	5 000	3 800	168 200	130 800	6.9
FEMALES ONE YEAR AND OV	575 800	453 500	15 400	12 400	591 200	465 900	7.7
MALES UNDER ONE YEAR	168 000	131 300	4 100	3 700	172 100	135 000	7.0
FEMALES UNDER ONE YEAR	201 300	152 900	4 700	4 700	206 000	157 600	6.9
BIRTHS	450 000	362 500	10 900	9 600	460 900	372 100	6.7
DEATHS	218 000	219 700	5 600	5 500	223 600	225 200	7.6
SALES	34 200	23 300	2 000	2 600	36 200	25 900	10.8
PURCHASES	28 000	16 400	1 000	1 000	29 000	17 400	16.2
HOME SLAUGHTER	57 400	52 200	2 500	3 000	59 900	55 200	9.7
SHEEP:							
SHEEP FARMS	12 300	12 100	240	190	12 540	12 290	7.8
TOTAL SHEEP	172 400	144 500	27 300	22 700	199 700	167 200	10.5
MALES ONE YEAR AND OVER	29 200	23 700	4 200	3 000	33 400	26 700	11.1
FEMALES ONE YEAR AND OV	94 900	77 600	14 800	13 200	109 700	90 800	10.7
MALES UNDER ONE YEAR	22 800	20 100	3 800	2 700	26 600	22 800	12.5
FEMALES UNDER ONE YEAR	25 500	23 100	4 500	3 800	30 000	26 900	11.0
BIRTHS	57 100	51 800	10 000	8 700	67 100	60 500	10.5
DEATHS	35 500	34 600	3 000	5 900	38 500	40 500	16.2
SALES	14 300	11 900	3 700	5 200	18 000	17 100	19.9
PURCHASES	3 000	3 200	1 000	1 200	4 000	4 400	32.5
HOME SLAUGHTER	8 100	6 500	2 000	2 000	10 100	8 500	18.6
OTHER LIVESTOCK:							
DONKEY FARMS	27 000	26 900	140	130	27 140	27 030	6.6
DONKEYS	140 800	136 500	1 800	1 400	142 600	137 900	8.0
MULES FARMS	500	500	35	25	535	525	
MULES	1 200	1 100	200	200	1 400	1 300	
HORSE FARMS	5 550	5 600	200	200	5 750	5 800	12.7
HORSES	18 600	17 600	5 000	5 100	23 600	22 700	13.9
PIG FARMS	5 000	5 000	30	30	5 030	5 030	31.8
PIGS	7 000	7 000	2 400	750	9 400	7 750	24.3
CHICKENS FARMS	62 400	60 500	250	140	62 650	60 640	6.5
CHICKENS	728 500	558 600	300 000	150 000	1 028 500	7 086 000	7.0

1985-AGRICULTURAL STATISTICS

TABLE-008 PRELIMINARY SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL CROP ESTIMATES
(1984-1985) AGRICULTURAL STATISTICS

	---- TRADITIONAL		COMMERCIAL		T O T A L ---		C.V. 1985 PERCENT
	1985	1984	1985 ----- NUMBER	1984 -----	1985	1984	
TOTAL CROPS:							
FARMS WITH LAND	61 600	59 000	130	180	61 730	59 180	4.0
FARMS WITH CROPS PLANTED	55 800	51 100	110	120	55 910	51 220	4.5
TOTAL AREA PLANTED (HA)	203 000	187 600	9 400	15 200	212 400	202 800	8.9
TOTAL AREA HARVESTED (SORGHUM)	98 200	58 000	7 500	9 200	105 700	67 200	8.4
FARMS	50 400	45 900	80	45	50 480	45 445	6.2
AREA PLANTED (HA)	118 500	107 600	6 300	6 800	124 800	114 400	9.9
AREA HARVESTED (HA)	77 800	45 500	5 100	3 600	82 900	49 100	9.0
TOTAL PRODUCTION (MT)	11 785	5 170	3 000	550	14 785	5 720	19.4
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	99	48	469	81	118	50	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	151	114	588	153	178	117	17.2
MAIZE:							
FARMS	42 600	35 800	70	50	42 670	35 850	6.3
AREA PLANTED (HA)	47 700	43 900	1 700	4 000	49 400	47 900	20.9
AREA HARVESTED (HA)	6 500	1 500	1 400	1 800	7 900	3 300	30.0
TOTAL PRODUCTION (MT)	735	100	700	390	1 435	490	23.5
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	15	2	438	98	29	10	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	113	67	500	217	182	148	17.8
MILLET:							
FARMS	15 900	13 500	20	10	15 920	13 510	9.9
AREA PLANTED (HA)	15 400	16 600	100	100	15 500	16 700	20.5
AREA HARVESTED (HA)	9 600	8 300	100		9 700	8 300	21.4
TOTAL PRODUCTION (MT)	1 830	715	20		1 850	715	19.5
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	119	43	200		119	43	
AVERAGE PRODUCTION OF HARVESTED AREA	191	86	200		191	213	8.6
BEANS/PULSES:							
FARMS	31 500	24 900	30	30	31 530	24 930	8.7
AREA PLANTED (HA)	16 000	16 300	500	1 000	16 500	17 300	12.3
AREA HARVESTED (HA)	2 700	2 500	200	300	2 740	2 800	27.4
TOTAL PRODUCTION (MT)	300	335	60	15	360	350	23.1
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	19	21	120	15	22	20	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	111	135	300	50	124	125	21.1

TABLE-G8A PRELIMINARY SUMMARY OF TRADITIONAL, COMMERCIAL AND TOTAL CROP ESTIMATES
(1984-1985) AGRICULTURAL STATISTICS

	---- TRADITIONAL		COMMERCIAL		T O T A L ---		C.V.
	1985	1984	1985	1984	1985	1984	1985
			----- NUMBER -----	-----			PERCENT
FOUR CROPS(SORGHUM/MAIZE MILLET AND BEANS/PULSES)							
FARMS	55 300	50 900	100	80	55 400	50 980	4.8
AREA PLANTED(HA)	197 600	184 400	8 600	11 900	206 200	196 300	9.0
AREA HARVESTED(HA)	96 600	57 600	6 800	5 700	103 400	63 300	8.1
TOTAL PRODUCTION (MT)	14 650	6 320	3 780	955	18 430	7 275	16.1
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	74	34	440	80	89	37	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	152	110	556	168	178	115	18.8
GROUNDNUTS:							
FARMS	1 800	2 100	10	30	1 810	2 130	20.5
AREA PLANTED (HA)	1 300	1 900	400	1 800	1 700	3 700	45.7
AREA HARVESTED (HA)	700		300	1 800	1 000	1 800	46.7
TOTAL PRODUCTION (MT)	565		200	590	765	590	55.9
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	435		500	328	450	160	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	807		667	328	765	328	64.8
SUNFLOWER:							
FARMS	250	150	15	20	265	170	50.7
AREA PLANTED (HA)	2 800	200	300	1 300	3 100	1 500	56.4
AREA HARVESTED (HA)	300		300	1 300	600	1 300	72.8
TOTAL PRODUCTION (MT)	75		400	390	475	390	88.0
AVERAGE PRODUCTION OF PLANTED AREA (KG/HA)	27		1 333	300	153	260	
AVERAGE PRODUCTION OF HARVESTED AREA (KG/HA)	250		1 333	300	792	300	96.0

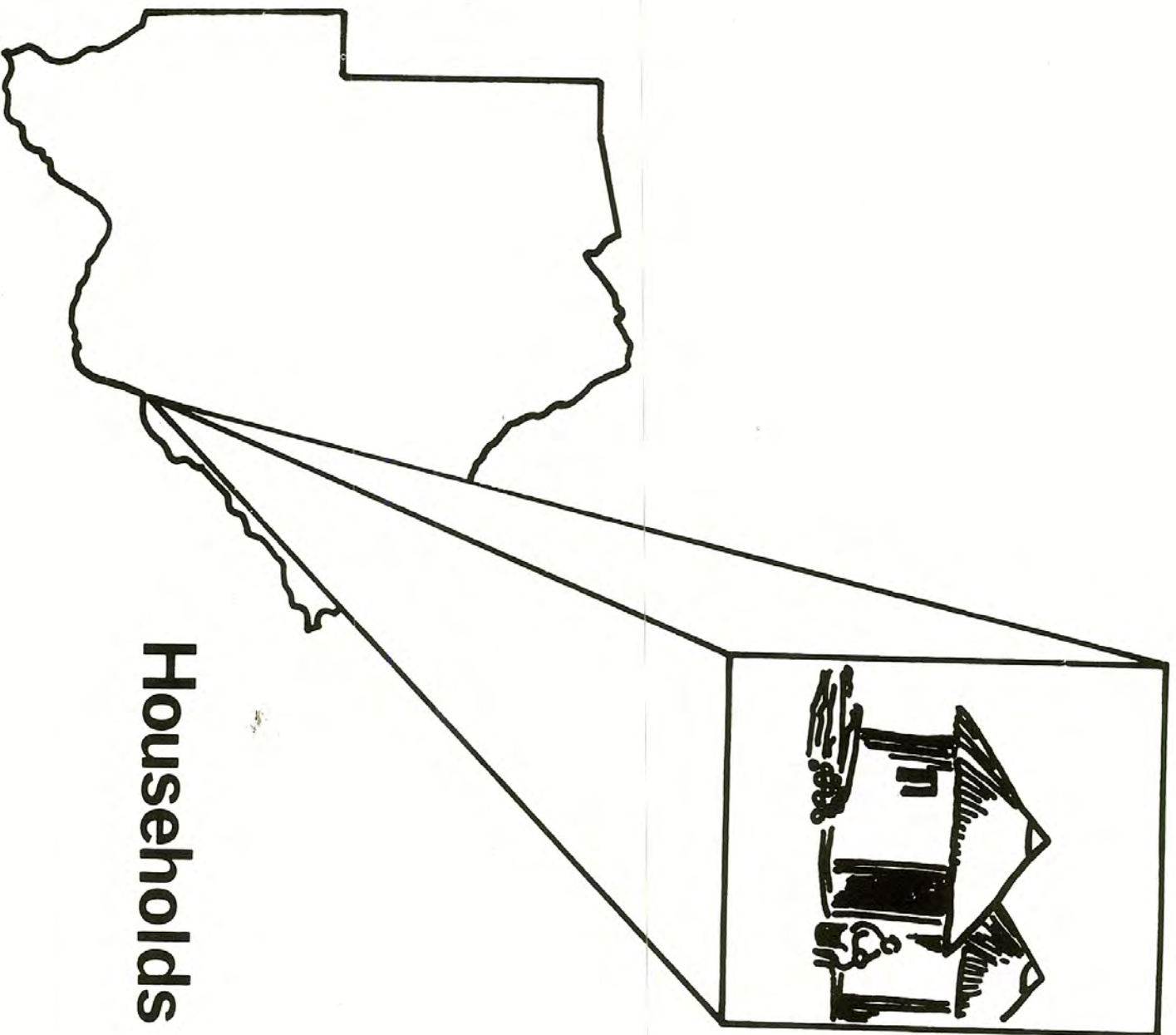
1985-AGRICULTURAL STATISTICS

TABLE-C09 F A R M S : TOTAL, WITH LANDS, CROPS, CATTLE, SHEEP, GOATS & OTHER LIVESTOCK BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	TOTAL FARMS	FARMS WITH LAND	CROP FARMS	CATTLE FARMS	SHEEP FARMS	GOAT FARMS	OTHER LIVESTOCK FARMS
- NUMBER -							
TRADITIONAL -----							
BAROLONG	1 500	1 100	700	800	400	700	1 400
NGWAKETSE SOUTH	3 000	1 900	1 300	2 000	1 000	2 200	2 700
NGWAKETSE NORTH	8 600	5 800	4 400	6 100	1 500	6 000	6 900
SOUTHERN REGION	13 100	8 800	6 400	8 900	2 900	8 900	11 000
BAMALETE	2 700	2 500	2 100	1 000	100	1 100	2 100
KWENENG SOUTH	6 800	5 100	4 200	4 200	800	4 400	4 600
KWENENG NORTH	2 900	2 700	2 500	2 100	500	2 000	2 200
KGATLENG	5 300	5 100	4 600	3 700	500	2 900	4 500
GAEORONE REGION	17 700	15 400	13 400	11 000	1 900	10 400	13 400
MAHALAPYE EAST	4 600	3 500	3 300	2 600	600	2 900	3 900
MAHALAPYE WEST	3 800	2 900	2 400	2 900	600	2 800	3 000
PALAPYE	5 500	4 900	5 000	3 600	600	3 300	5 000
SEROWE	7 000	4 600	4 300	5 200	700	4 400	5 000
BOBONONG	5 500	5 000	5 000	3 800	1 400	4 100	5 000
CENTRAL REGION	26 400	20 900	20 000	18 100	3 900	17 500	21 900
TATI	6 500	5 700	5 600	4 200	1 100	4 900	4 900
TUTUME	4 900	4 200	4 100	3 600	700	3 800	4 300
FRANCISTOWN REGION	11 400	9 900	9 700	7 800	1 800	8 700	9 200
NGAMILAND WEST	4 400	3 200	3 100	2 500	500	2 400	3 500
NGAMILAND EAST	4 400	2 700	2 500	3 000	600	3 100	3 300
CHOBE	600	400	400	400		100	500
MAUN REGION	9 400	6 300	6 000	5 900	1 100	5 600	7 300
GHANZI	900	100	100	700	100	700	800
KGALAGADI	1 600	200	200	800	600	1 200	1 600
WESTERN REGION	2 500	300	300	1 500	700	1 900	2 400
TOTAL TRADITIONAL	80 500	61 600	55 800	53 200	12 300	53 000	65 200
TOTAL COMMERCIAL	500	130	110	490	240	270	320
T O T A L	81 000	61 730	55 910	53 690	12 540	53 270	65 520

TABLE-Q10 P R O D U C T I O N M I X : F A R M H O L D E R S B Y P R O D U C T I O N M I X A N D B Y D I S T R I C T S & R E G I O N S .

DISTRICTS/ REGIONS	CATTLE ONLY	CATTLE & SMALL STOCK	CATTLE & CROPS	CATTLE CROPS & SMALLSTK	CROPS ONLY	CROPS AND SMALL STOCK	SMALL STOCK ONLY	OTHER PRODUCTION MIXES	TOTAL
- NUMBER -									
TRADITIONAL									
BAROLONG	300	100	50	350	200	100	250	150	1 500
NGWAKETSE SOUTH	350	600	150	900	200	50	600	150	3 000
NGWAKETSE NORTH	1 050	1 950	500	2 600	800	500	1 100	100	8 600
SOUTHERN REGION	1 700	2 650	700	3 850	1 200	650	1 950	400	13 100
BAMALETE	200	100	300	400	1 000	400	150	150	2 700
KWENENG SOUTH	600	1 100	500	2 000	950	750	650	250	6 800
KWENENG NORTH	100	200	250	1 550	350	350	100		2 900
KGATLENG	150	300	1 500	1 750	600	750	150	100	5 300
GAEORONE REGION	1 050	1 700	2 550	5 700	2 900	2 250	1 050	500	17 700
MAHALAPYE EAST	350	500	250	1 500	850	700	350	100	4 600
MAHALAPYE WEST	350	800	300	1 450	350	300	250		3 800
PALAPYE	250	200	650	2 500	1 100	750		50	5 500
SEROWE	850	1 100	650	2 600	650	400	350	400	7 000
BOBONONG	50	300	400	3 050	800	750	150		5 500
CENTRAL REGION	1 850	2 900	2 250	11 100	3 750	2 900	1 100	550	26 400
TATI	200	650	500	2 850	750	1 500	50		6 500
TUTUME	100	450	300	2 750	400	650	100	150	4 900
FRANCISTOWN REGION	300	1 100	800	5 600	1 150	2 150	150	150	11 400
NGAMILAND WEST	150	700	550	1 100	1 100	350	350	100	4 400
NGAMILAND EAST	100	1 250	250	1 400	700	150	350	200	4 400
CHOBE	150		150	100	100	50	50		600
MAUN REGION	400	1 950	950	2 600	1 900	550	750	300	9 400
GHANZI	150	450		100			100	100	900
KGALAGADI	100	700		100	100		100	500	1 600
WESTERN REGION	250	1 150		200	100		200	600	2 500
TOTAL TRADITIONAL	5 550	11 450	7 250	29 050	11 000	8 500	5 200	2 500	80 500
TOTAL COMMERCIAL	150	210	40	50	10	10	10	20	500
TOTAL	5 700	11 660	7 290	29 100	11 010	8 510	5 210	2 520	81 000



Households

TABLE-C11 S E X O F F A R M H O L D E R : B Y D I S T R I C T S A N D R E G I O N S .

DISTRICTS/ REGIONS	- M A L E -		- F E M A L E -		TOTAL
	NUMBER	PERCENTAGE	NUMBER	PERCENTAGE	NUMBER
TRADITIONAL -----					
BAROLONG	1 100	7.33	400	2.67	1 500
NGWAKETSE SOUTH	2 000	6.67	1 000	3.33	3 000
NGWAKETSE NORTH	5 400	6.28	3 200	3.72	8 600
SOUTHERN REGION	8 500	6.49	4 600	3.51	13 100
BAMALETE	2 000	7.41	700	2.59	2 700
KWENENG SOUTH	4 400	6.47	2 400	3.53	6 800
KWENENG NORTH	1 900	6.55	1 000	3.45	2 900
KGATLENG	3 700	6.98	1 600	3.02	5 300
GAEORONE REGION	12 000	6.78	5 700	3.22	17 700
MAHALAPYE EAST	2 300	5.00	2 300	5.00	4 600
MAHALAPYE WEST	2 400	6.32	1 400	3.68	3 800
PALAPYE	3 700	6.73	1 800	3.27	5 500
SEROWE	5 400	7.71	1 600	2.29	7 000
BOBONONG	3 300	6.00	2 200	4.00	5 500
CENTRAL REGION	17 100	6.48	9 300	3.52	26 400
TATI	2 800	4.31	3 700	5.69	6 500
TUTUME	2 800	5.71	2 100	4.29	4 900
FRANCISTOWN REGION	5 600	4.91	5 800	5.09	11 400
NGAMILAND WEST	2 800	6.36	1 600	3.64	4 400
NGAMILAND EAST	3 200	7.27	1 200	2.73	4 400
CHOBE	400	6.67	200	3.33	600
MAUN REGION	6 400	6.81	3 000	3.19	9 400
GHANZI	600	6.67	300	3.33	900
KGALAGADI	1 100	6.88	500	3.12	1 600
WESTERN REGION	1 700	6.80	800	3.20	2 500
TOTAL TRADITIONAL	51 300	6.37	29 200	3.63	80 500

TABLE-012 AGE OF FARM HOLDER : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
- NUMBER -						
TRADITIONAL -----						
BAROLONG	100	200	350	300	550	1 500
NGWAKETSE SOUTH	200	200	800	1 400	400	3 000
NGWAKETSE NORTH	500	1 800	2 400	2 200	1 700	8 600
SOUTHERN REGION	800	2 200	3 550	3 900	2 650	13 100
BAMALETE	150	200	1 100	400	850	2 700
KWENENG SOUTH	100	950	1 900	2 550	1 300	6 800
KWENENG NORTH	100	650	800	700	650	2 900
KGATLENG	100	700	1 250	1 600	1 650	5 300
GAEORONE REGION	450	2 500	5 050	5 250	4 450	17 700
MAHALAPYE EAST	600	1 050	1 050	1 300	600	4 600
MAHALAPYE WEST	300	450	1 200	1 550	300	3 800
PALAPYE	700	800	1 700	1 400	900	5 500
SERWE	600	1 250	1 800	1 600	1 750	7 000
BOBONONG	550	1 000	2 100	1 200	650	5 500
CENTRAL REGION	2 750	4 550	7 850	7 050	4 200	26 400
TATI	800	600	2 400	1 300	1 400	6 500
TUTUME	550	1 200	1 100	950	1 100	4 900
FRACISTOWN REGION	1 350	1 800	3 500	2 250	2 500	11 400
NGAMILAND WEST	750	750	1 650	1 050	200	4 400
NGAMILAND EAST	600	500	1 400	1 400	500	4 400
CHOBE	150	150	200	50	50	600
MAUN REGION	1 500	1 400	3 250	2 500	750	9 400
Ghanzi	50	100	350	250	150	900
KGALAGADI	100	350	550	500	100	1 600
WESTERN REGION	150	450	900	750	250	2 500
TOTAL TRADITIONAL	7 000	12 900	24 100	21 700	14 800	80 500



TABLE-013 AGE OF FARM HOLDER : BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	34 AND UNDER	35-44 YEARS	45-54 YEARS	55-64 YEARS	65 YEARS AND OVER	TOTAL
- PERCENTAGE -						
TRADITIONAL -----						
BAROLONG	6.7	13.3	23.3	20.0	36.7	100.0
NGWAKETSE SOUTH	6.7	6.7	26.7	46.6	13.3	100.0
NGWAKETSE NORTH	5.8	20.9	27.9	25.6	19.8	100.0
SOUTHERN REGION	6.1	16.8	27.1	29.7	20.3	100.0
BAMALETE	5.6	7.4	40.7	14.8	31.5	100.0
KWENENG SOUTH	1.5	14.0	27.9	37.5	19.1	100.0
KWENENG NORTH	3.5	22.4	27.6	24.1	22.4	100.0
KGATLENG	1.9	13.2	23.6	30.2	31.1	100.0
GAEORONE REGION	2.6	14.1	28.5	29.7	25.1	100.0
MAHALAPYE EAST	13.0	22.8	22.8	28.3	13.1	100.0
MAHALAPYE WEST	7.9	11.8	31.6	40.8	7.9	100.0
PALAPYE	12.7	14.6	30.9	25.4	16.4	100.0
SEROWE	8.6	17.9	25.7	22.8	25.0	100.0
BOBONONG	10.0	18.2	38.2	21.8	11.8	100.0
CENTRAL REGION	10.4	17.2	29.8	26.7	15.9	100.0
TATI	12.3	9.2	36.9	20.0	21.6	100.0
TUTUME	11.2	24.5	22.4	19.4	22.5	100.0
FRANCISTOWN REGION	11.8	15.8	30.7	19.8	21.9	100.0
NGAMILAND WEST	17.1	17.0	37.5	23.9	4.5	100.0
NGAMILAND EAST	13.6	11.4	31.8	31.8	11.4	100.0
CHOBE	25.0	25.1	33.3	8.3	8.3	100.0
MAUN REGION	16.0	14.9	34.5	26.6	8.0	100.0
GHANZI	5.5	11.1	38.9	27.8	16.7	100.0
KGALAGADI	6.2	21.9	34.4	31.2	6.3	100.0
WESTERN REGION	6.0	18.0	36.0	30.0	10.0	100.0
T O T A L	8.7	16.0	29.9	27.0	18.4	100.0

TABLE-014 PERSONS LIVING IN FARM HOLDERS DWELLING UNIT :
BY AGE GROUP & AVERAGE NUMBER PER DWELLING UNIT BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	UNDER 5 YEARS	5-14 YEARS	15-65 YEARS	OVER 65 YEARS	TOTAL	AVERAGE PER DWELLING UNIT
- NUMBER -						
TRADITIONAL						
BAROLONG	1 700	2 700	3 900	600	8 900	5.9
NGWAKETSE SOUTH	3 800	5 000	9 100	500	18 400	6.1
NGWAKETSE NORTH	12 300	16 400	25 000	1 500	55 200	6.4
SOUTHERN REGION	17 800	24 100	38 000	2 600	82 500	6.3
BAMALETE	3 200	4 500	7 500	900	16 100	6.0
KWENENG SOUTH	6 800	14 400	19 100	1 100	41 400	6.1
KWENENG NORTH	2 400	6 100	8 300	900	17 700	6.1
KGATLENG	4 200	9 300	12 500	2 400	28 400	5.4
GABORONE REGION	16 600	34 300	47 400	5 300	103 600	5.9
MAHALAPYE EAST	4 700	9 200	11 800	1 400	27 100	5.9
MAHALAPYE WEST	4 100	6 900	11 000	500	22 500	5.9
PALAPYE	6 900	11 300	18 900	1 400	38 500	7.0
SEROWE	7 900	11 900	19 900	2 400	42 100	6.0
BOBONONG	9 100	10 000	15 200	1 200	35 500	6.5
CENTRAL REGION	25 800	49 300	76 800	6 900	158 800	6.0
TATI	8 000	14 000	16 000	1 300	39 300	6.0
TUTUME	6 800	8 700	12 900	1 700	30 100	6.1
FRANCISTOWN REGION	14 800	22 700	28 900	3 000	69 400	6.1
NGAMILAND WEST	3 600	6 400	10 600	100	20 700	4.7
NGAMILAND EAST	3 600	6 400	11 800	900	22 700	5.2
CHOBE	500	1 000	1 500	100	3 100	5.2
MAUN REGION	7 700	13 800	23 900	1 100	46 500	4.9
GHANZI	900	1 200	2 300	300	4 700	5.2
KGALAGADI	2 100	2 900	5 100	400	10 500	6.6
WESTERN REGION	3 000	4 100	7 400	700	15 200	6.1
TOTAL TRADITIONAL	85 700	148 300	222 400	19 600	476 000	5.9

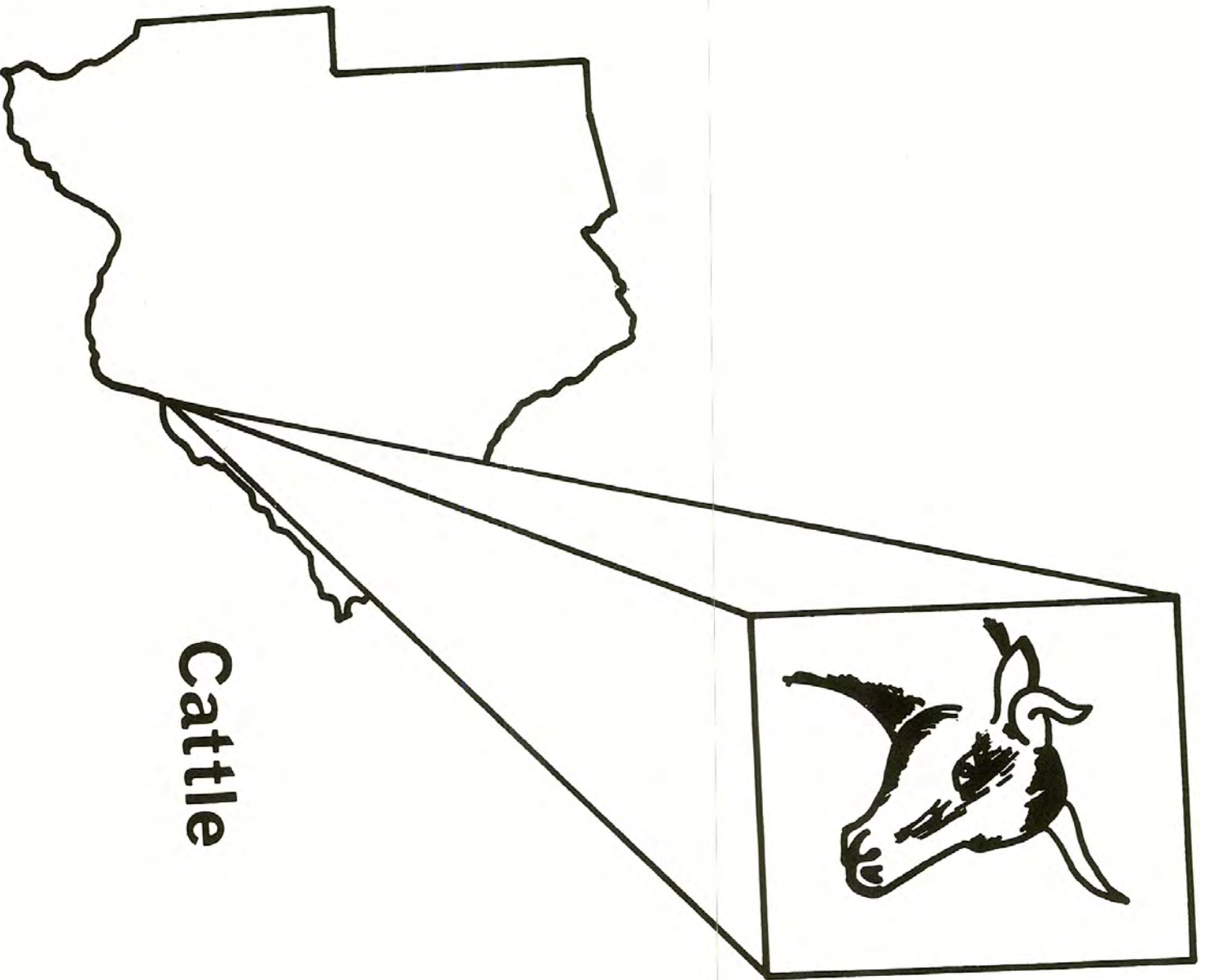


TABLE-015 PERSONS LIVING IN FARM HOLDERS DWELLING UNIT :
BY AGE GROUP & AVERAGE NUMBER PER DWELLING UNIT BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	UNDER 5 YEARS	5-14 YEARS	15-65 YEARS	OVER 65 YEARS	TOTAL
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	19.1	30.3	43.8	6.8	100.0
NGWAKETSE SOUTH	20.6	27.2	49.5	2.7	100.0
NGWAKETSE NORTH	22.3	29.7	45.3	2.7	100.0
SOUTHERN REGION	21.6	29.2	46.1	3.1	100.0
BAHALETE	19.9	27.9	46.6	5.6	100.0
KWENENG SOUTH	16.4	34.8	46.1	2.7	100.0
KWENENG NORTH	13.6	34.4	46.9	5.1	100.0
KGATLENG	14.8	32.8	44.0	8.4	100.0
GAEORONE REGION	16.0	33.1	45.8	5.1	100.0
MAHALAPYE EAST	17.3	34.0	43.5	5.2	100.0
MAHALAPYE WEST	18.2	30.7	48.9	2.2	100.0
PALAPYE	17.9	29.4	49.1	3.6	100.0
SEROWE	18.7	28.3	47.3	5.7	100.0
BOBONONG	25.6	28.2	42.8	3.4	100.0
CENTRAL REGION	16.2	31.0	48.4	4.4	100.0
TATI	20.4	35.6	40.7	3.3	100.0
TUTUME	22.6	28.9	42.9	5.6	100.0
FRANCISTOWN REGION	21.3	32.7	41.7	4.3	100.0
NGAMILAND WEST	17.4	30.9	51.2	0.5	100.0
NGAMILAND EAST	15.9	28.2	52.0	3.9	100.0
CHOBE	16.1	32.3	48.4	3.2	100.0
MAUN REGION	16.5	29.7	51.4	2.4	100.0
GHANZI	19.2	25.5	48.9	6.4	100.0
KGALAGADI	20.0	27.6	48.6	3.8	100.0
WESTERN REGION	19.7	27.0	48.7	4.6	100.0
TOTAL TRADITIONAL	18.0	31.2	46.7	4.1	100.0

TABLE-C16 O W N E R S H I P : DWELLING UNITS, CATTLE POST AND LAND HOLDINGS BY DISTRICT AND REGIONS

DISTRICTS/ REGIONS	DWELLING UNITS		CATTLE POST		LAND HOLDING	
	NUMBER	AVERAGE/ ALL FARMS	NUMBER	AVERAGE/ ALL FARMS	NUMBER	AVERAGE/ ALL FARMS
TRADITIONAL -----						
BAROLONG	1 700	11.3	100	0.7	1 500	10.0
NGWAKETSE SOUTH	4 500	15.0	500	1.7	2 400	8.0
NGWAKETSE NORTH	15 000	17.4	2 500	2.9	6 500	7.6
SOUTHERN REGION	21 200	16.2	3 100	2.4	10 400	7.9
BAMALETE	5 000	18.5	200	0.7	2 500	9.3
KWENENG SOUTH	12 500	18.4	1 200	1.8	5 600	8.2
KWENENG NORTH	5 300	18.3	500	1.7	2 900	10.0
KGATLENG	12 400	23.4	2 100	4.0	5 400	10.2
GABORONE REGION	35 200	19.9	4 000	2.3	16 400	9.3
MAHALAPYE EAST	9 100	19.8	1 600	3.5	3 900	8.5
MAHALAPYE WEST	7 600	20.0	2 200	5.8	3 100	8.2
PALAPYE	11 300	20.5	1 600	2.9	5 100	9.3
SEROWE	14 000	20.0	3 700	6.7	4 700	6.7
BOBONONG	10 000	18.2	2 200	4.0	5 300	9.6
CENTRAL REGION	52 000	19.7	11 300	4.3	22 100	8.4
TATI	9 700	14.9	1 400	2.2	6 200	9.5
TUTUME	7 400	15.1	2 000	4.1	4 300	8.8
FRANCISTOWN REGION	17 100	15.0	3 400	3.0	10 500	9.2
NGAMILAND WEST	5 800	13.2	2 200	5.0	3 300	7.5
NGAMILAND EAST	7 300	16.6	2 700	6.1	2 900	6.6
CHOBE	800	13.3	400	6.7	400	6.7
MAUN REGION	13 900	14.8	5 300	5.6	6 600	7.0
GHANZI	1 200	13.3	300	3.3	200	2.2
KGALAGADI	2 000	12.5	600	3.8	100	0.6
WESTERN REGION	3 200	12.8	900	3.6	300	1.2
TOTAL TRADITIONAL	142 600	17.7	28 000	3.5	66 300	8.2



Cattle

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

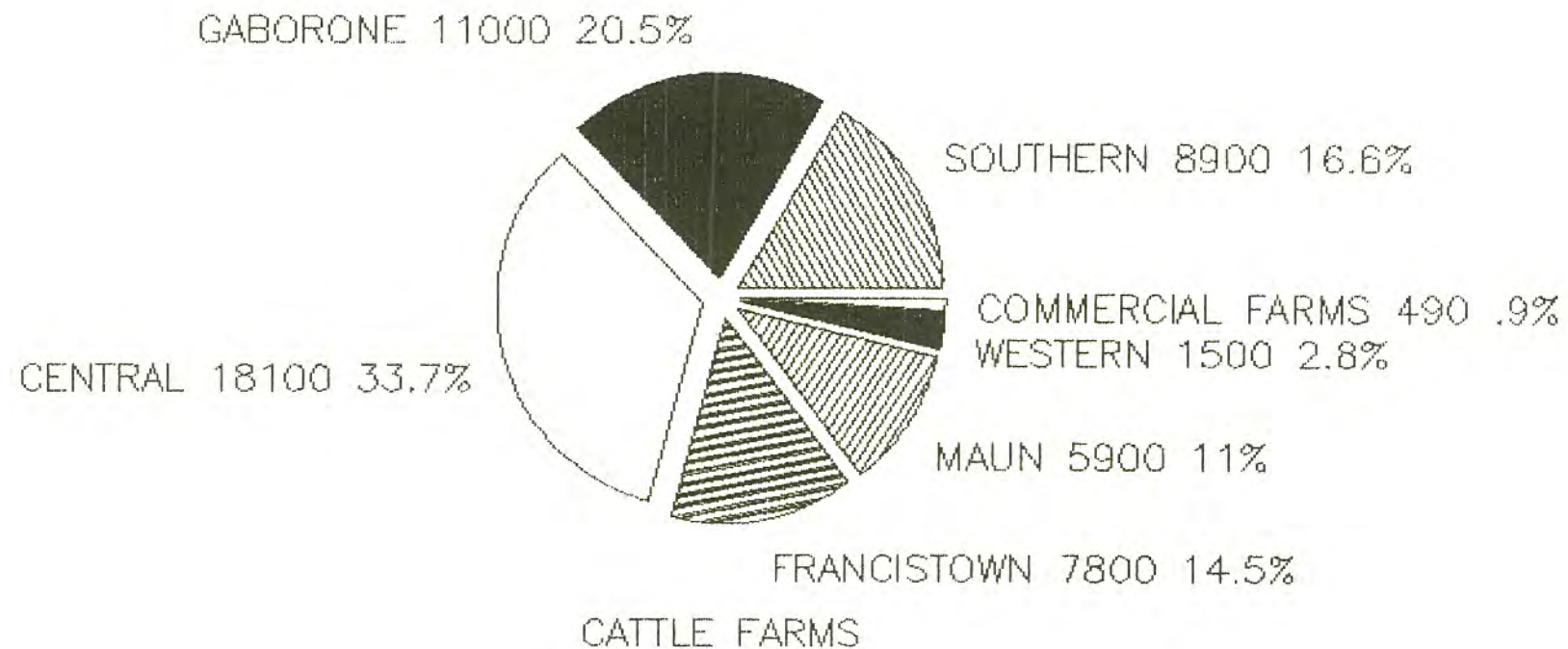
DISTRICTS/ REGIONS	CATTLE FARMS		TOTAL CATTLE		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL -----					
BAROLONG	800	1.5	14.4	0.6	18.0
NGWAKETSE SOUTH	2 000	3.7	62.7	2.5	31.4
NGWAKETSE NORTH	6 100	11.4	181.1	7.4	29.7
SOUTHERN REGION	8 900	16.6	258.2	10.5	29.0
BAMALETE	1 000	1.9	14.5	0.6	14.5
KWENENG SOUTH	4 200	7.8	125.1	5.1	29.8
KWENENG NORTH	2 100	3.9	53.6	2.2	25.5
KGATLENG	3 700	6.9	104.8	4.2	28.3
GAEORONE REGION	11 000	20.5	298.0	12.1	27.1
MAHALAPYE EAST	2 600	4.8	91.2	3.7	35.1
MAHALAPYE WEST	2 900	5.4	156.2	6.4	53.9
PALAPYE	3 600	6.7	142.1	5.8	39.5
SEROWE	5 200	9.7	362.5	14.7	69.7
BOBONONG	3 800	7.1	130.7	5.3	34.4
CENTRAL REGION	18 100	33.7	882.7	35.9	48.8
TATI	4 200	7.8	139.4	5.7	33.2
TUTUME	3 600	6.7	146.5	5.9	40.7
FRANCISTOWN REGION	7 800	14.5	285.9	11.6	36.7
NGAMILAND WEST	2 500	4.7	122.5	5.0	49.0
NGAMILAND EAST	3 000	5.6	161.7	6.5	53.9
CHOBE	400	0.8	4.1	0.2	10.3
MAUN REGION	5 900	11.0	288.3	11.7	48.9
GHANZI	700	1.3	42.8	1.7	61.1
KGALAGADI	800	1.5	35.7	1.5	44.6
WESTERN REGION	1 500	2.8	78.5	3.2	52.3
TOTAL TRADITIONAL	53 200	99.1	2091.6	85.0	39.3
TOTAL COMMERCIAL	490	0.9	367.8	15.0	750.6
T O T A L	53 690	100.0	2459.4	100.0	45.9

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

HERD SIZE	CATTLE FARMS		TOTAL CATTLE		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 10	18 000	33.8	104.8	5.0	5.8
11 - 20	11 200	21.1	168.0	8.0	15.0
21 - 30	6 700	12.6	168.2	8.0	25.1
31 - 40	4 300	8.1	151.8	7.3	35.3
41 - 50	2 700	5.1	122.3	5.9	45.3
51 - 60	2 100	3.9	115.7	5.5	55.1
61 - 100	3 600	6.8	277.2	13.2	77.0
101 - 150	2 100	3.9	252.0	12.1	120.0
151 +	2 500	4.7	731.6	35.0	292.6
TOTAL TRADITIONAL	53 200	100.0	2091.6	100.0	39.3
COMMERCIAL					
1 - 100	100	20.4	4.9	1.3	49.0
101 - 500	200	40.8	44.3	12.0	221.5
501 - 1000	70	14.3	51.5	14.0	735.7
1001 - 5000	110	22.4	204.4	55.6	1858.2
5001 +	10	2.1	62.7	17.1	6270.0
TOTAL COMMERCIAL	490	100.0	367.8	100.0	750.6
T O T A L	53 690	0.0	2459.4	0.0	45.9

CATTLE FARMS BY REGIONS

1985 AGRICULTURAL STATISTICS



CATTLE BY REGIONS

1985 AGRICULTURAL STATISTICS

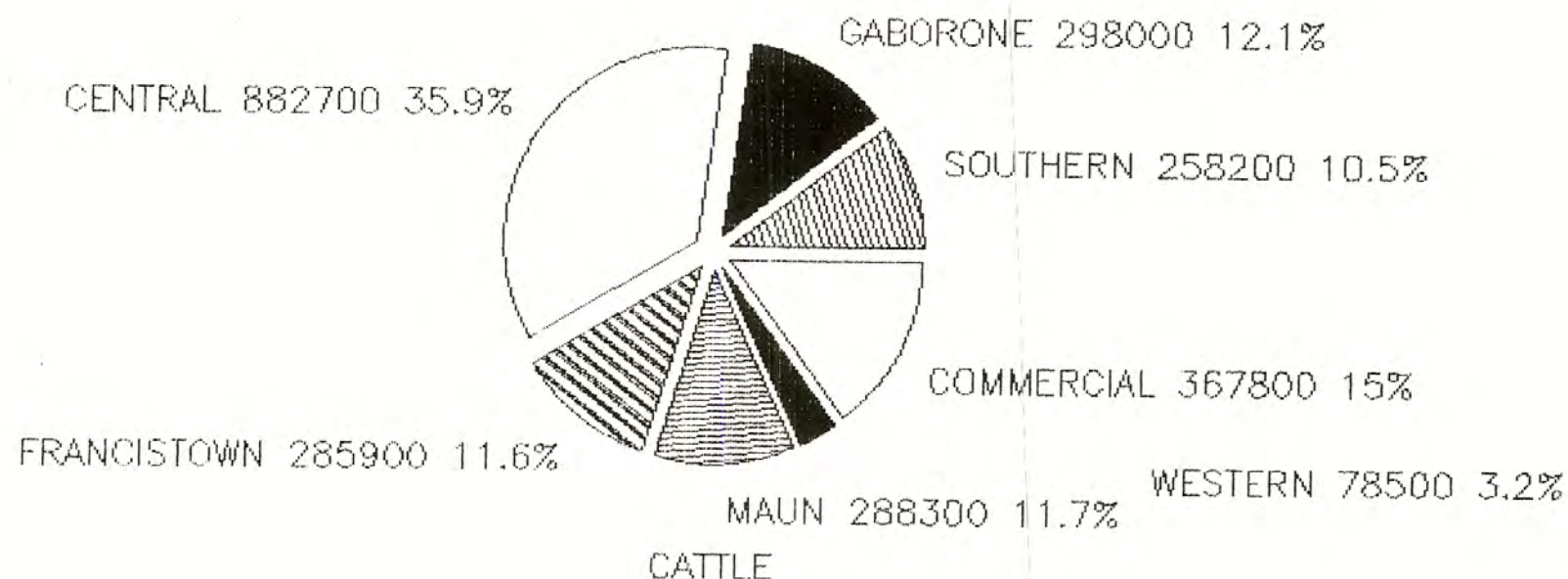


TABLE-19 CATTLE HERD COMPOSITION :BULLS,OXEN,COWS,TOLLIES,HEIFERS AND CALVES BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
-NUMBER (000)-							
TRADITIONAL -----							
BAROLONG	0.4	1.5	5.0	2.2	3.0	2.3	14.4
NGWAKETSE SOUTH	0.7	6.4	27.2	7.9	10.6	9.9	62.7
NGWAKETSE NORTH	5.1	28.9	67.5	22.8	28.4	28.4	181.1
SOUTHERN REGION	6.2	36.8	99.7	32.9	42.0	40.6	258.2
BAMALETE	0.3	2.3	4.9	1.5	3.5	2.0	14.5
KWENENG SOUTH	2.5	16.4	47.3	15.5	18.5	24.9	125.1
KWENENG NORTH	1.3	4.8	22.3	7.2	6.8	11.2	53.6
KGATLENG	2.6	12.7	41.8	11.2	16.1	20.4	104.8
GABORONE REGION	6.7	36.2	116.3	35.4	44.9	58.5	298.0
MAHALAPYE EAST	2.8	5.0	40.3	11.4	13.4	18.3	91.2
MAHALAPYE WEST	2.8	9.8	67.8	21.1	24.8	29.9	156.2
PALAPYE	2.4	13.1	61.4	15.4	21.5	28.3	142.1
SEROWE	5.6	19.6	158.4	47.4	62.7	68.8	362.5
BOBONONG	1.9	7.3	55.0	11.5	21.5	33.5	130.7
CENTRAL REGION	15.5	54.8	382.9	106.8	143.9	178.8	882.7
TATI	3.5	17.4	54.0	14.6	20.4	29.5	139.4
TUTUME	2.4	16.0	65.3	14.5	22.2	26.1	146.5
FRANCISTOWN REGION	5.9	33.4	119.3	29.1	42.6	55.6	285.9
NGAMILAND EAST	1.7	14.1	52.6	14.7	16.9	22.5	122.5
NGAMILAND WEST	2.1	15.4	74.3	15.6	25.0	29.3	161.7
CHOBE	0.1	1.0	1.5	0.4	0.7	0.7	4.1
MAUN REGION	3.9	30.5	128.4	30.7	42.3	52.5	288.3
GHANZI	1.0	4.6	17.8	4.8	6.4	8.2	42.8
KGALAGADI	0.6	3.3	14.8	4.1	5.1	7.8	35.7
WESTERN REGION	1.6	7.9	32.6	8.9	11.5	16.0	78.5
TOTAL TRADITIONAL	39.8	199.6	879.2	243.8	327.2	402.0	2091.6
TOTAL COMMERCIAL	7.0	14.9	147.2	63.3	59.9	75.5	367.8
T O T A L	46.8	214.5	1026.4	307.1	387.1	477.5	2459.4

TABLE-20 CATTLE HERD COMPOSITION :RATIO OF BULLS,OXEN,COWS,TOLLIES,HEIFER & CALVES BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
- PERCENTAGE -							
TRADITIONAL -----							
BAROLONG	2.8	10.4	34.7	15.3	20.8	16.0	100.0
NGWAKETSE SOUTH	1.1	10.2	43.4	12.6	16.9	15.8	100.0
NGWAKETSE NORTH	2.8	15.9	37.3	12.6	15.7	15.7	100.0
SOUTHERN REGION	2.4	14.3	38.6	12.7	16.3	15.7	100.0
BAMALETE	2.1	15.9	33.8	10.3	24.1	13.8	100.0
KWENENG SOUTH	2.0	13.1	37.8	12.4	14.8	19.9	100.0
KWENENG NORTH	2.4	9.0	41.6	13.4	12.7	20.9	100.0
KGATLENG	2.5	12.1	39.9	10.7	15.3	19.5	100.0
GABORONE REGION	2.2	12.2	39.0	11.9	15.1	19.6	100.0
MAHALAPYE EAST	3.1	5.5	44.2	12.5	14.7	20.0	100.0
MAHALAPYE WEST	1.8	6.3	43.4	13.5	15.9	19.1	100.0
PALAPYE	1.7	9.2	43.2	10.9	15.1	19.9	100.0
SEROWE	1.5	5.4	43.7	13.1	17.3	19.0	100.0
BOBONONG	1.4	5.6	42.1	8.8	16.5	25.6	100.0
CENTRAL REGION	1.7	6.2	43.4	12.1	16.3	20.3	100.0
TATI	2.5	12.5	38.7	10.5	14.6	21.2	100.0
TUTUME	1.6	10.9	44.6	9.9	15.2	17.8	100.0
FRANCISTOWN REGION	2.1	11.7	41.7	10.2	14.9	19.4	100.0
NGAMILAND WEST	1.4	11.5	42.9	12.0	13.8	18.4	100.0
NGAMILAND EAST	1.3	9.5	45.9	9.7	15.5	18.1	100.0
CHIBE	2.4	24.4	36.6	9.8	9.8	17.0	100.0
MAUN REGION	1.3	10.6	44.5	10.7	14.7	18.2	100.0
GHAZI	2.3	10.7	41.6	11.2	15.0	19.2	100.0
KGALAGADI	1.7	9.2	41.5	11.5	14.3	21.8	100.0
WESTERN REGION	2.0	10.1	41.5	11.3	14.7	20.4	100.0
TOTAL TRADITIONAL	1.9	9.6	42.0	11.7	15.6	19.2	100.0
TOTAL COMMERCIAL	1.9	4.1	40.0	17.2	16.3	20.5	100.0
T O T A L	1.9	8.7	41.7	12.5	15.7	19.5	100.0

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

HERD SIZE	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
-NUMBER (000)-							
TRADITIONAL							
1 - 10	2.4	15.4	42.8	10.4	15.2	18.6	104.8
11 - 20	4.4	20.5	62.2	20.3	29.6	31.0	168.0
21 - 30	3.5	21.0	63.9	22.4	26.4	31.0	168.2
31 - 40	3.9	13.5	61.5	16.9	25.2	30.8	151.8
41 - 50	2.2	11.9	53.1	13.1	18.0	24.0	122.3
51 - 60	1.7	10.9	51.3	13.6	17.7	20.5	115.7
61 - 100	4.2	26.9	121.1	31.0	39.4	54.6	277.2
101 - 150	4.5	24.2	108.9	29.2	33.8	51.4	252.0
151 +	13.0	55.3	314.4	86.9	121.9	140.1	731.6
TOTAL TRADITIONAL	39.8	199.6	879.2	243.8	327.2	402.0	2091.6
COMMERCIAL							
1 - 100	0.1	0.4	2.1	0.5	0.8	1.0	4.9
101 - 500	0.9	2.6	18.4	6.3	7.7	8.4	44.3
501 - 1000	1.9	2.5	22.9	8.9	7.6	7.7	51.5
1001 - 5000	3.2	9.2	81.7	37.7	30.9	41.7	204.4
5001 +	0.9	0.2	22.1	9.9	12.9	16.7	62.7
TOTAL COMMERCIAL	7.0	14.9	147.2	63.3	59.9	75.5	367.8
T O T A L	46.8	214.5	1026.4	307.1	387.1	477.5	2459.4

TABLE-22 CATTLE HERD COMPOSITION :BULLS,OXEN,COWS,TOLLIES,HEIFERS AND CALVES BY SIZE OF CATTLE HOLDING

HERD SIZE	BULLS	OXEN	COWS	TOLLIES	HEIFER	CALVES	TOTAL CATTLE
- PERCENTAGE -							
TRADITIONAL							
1 - 10	2.3	14.7	40.8	9.9	14.5	17.8	100.0
11 - 20	2.6	12.2	37.0	12.1	17.6	18.5	100.0
21 - 30	2.1	12.5	38.0	13.3	15.7	18.4	100.0
31 - 40	2.6	8.9	40.5	11.1	16.6	20.3	100.0
41 - 50	1.8	9.7	43.5	10.7	14.7	19.6	100.0
51 - 60	1.5	9.4	44.3	11.8	15.3	17.7	100.0
61 - 100	1.5	9.7	43.7	11.2	14.2	19.7	100.0
101 - 150	1.8	9.6	43.2	11.6	13.4	20.4	100.0
151 +	1.8	7.5	43.0	11.9	16.7	19.1	100.0
TOTAL TRADITIONAL	1.9	9.6	42.0	11.7	15.6	19.2	100.0
COMMERCIAL							
1 - 100	2.0	8.2	42.9	10.2	16.3	20.4	100.0
101 - 500	2.0	5.9	41.5	14.2	17.4	19.0	100.0
501 - 1000	3.7	4.8	44.5	17.2	14.8	15.0	100.0
1001 - 5000	1.6	4.5	40.0	18.4	15.1	20.4	100.0
5001 +	1.4	0.3	35.2	15.8	20.6	26.7	100.0
TOTAL COMMERCIAL	1.9	4.1	40.0	17.2	16.3	20.5	100.0
TOTAL	1.9	8.7	41.7	12.5	15.7	19.5	100.0

TABLE-23 CATTLE INVENTORY :BIRTHS,DEATHS,SALES,HOME SLAUGHTER & PURCHASES
BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER (000)-					
TRADITIONAL					
BAROLONG	3.2	6.2	1.0	1.1	0.7
NGWAKETSE SOUTH	12.5	18.7	3.5	2.4	1.1
NGWAKETSE NORTH	35.8	56.0	11.4	5.6	3.5
SOUTHERN REGION	51.5	80.9	15.9	9.1	5.3
BAMALETE	2.9	11.4	1.2	0.8	0.3
KWENENG SOUTH	29.0	37.2	13.0	2.8	0.8
KWENENG NORTH	14.1	17.3	6.8	1.1	1.6
KGATLENG	27.2	42.7	14.1	4.3	0.6
GABORONE REGION	73.2	108.6	35.1	9.0	3.3
MAHALAPYE EAST	20.7	22.8	9.2	2.0	0.7
MAHALAPYE WEST	35.0	65.6	16.1	3.4	1.8
PALAPYE	34.1	22.0	8.0	4.9	0.8
SEROWE	79.3	35.8	53.8	6.2	8.1
BOBONONG	35.9	15.7	8.7	2.0	1.3
CENTRAL REGION	205.0	161.9	95.8	18.5	12.7
TATI	33.4	10.9	6.6	3.5	3.0
TUTUME	29.1	13.1	10.9	2.0	2.7
FRANCISTOWN REGION	62.5	24.0	17.5	5.5	5.7
NGAMILAND WEST	27.3	36.2	12.1	2.0	2.2
NGAMILAND EAST	37.8	67.7	15.7	3.0	3.0
CHOBE	0.6	0.6	0.2	0.1	0.1
MAUN REGION	65.7	104.5	28.0	5.1	5.3
GHANZI	9.5	6.3	4.4	0.6	0.4
KGALAGADI	9.6	7.1	3.9	0.5	0.3
WESTERN REGION	19.1	13.4	8.3	1.1	0.7
TOTAL TRADITIONAL	477.0	493.3	200.6	48.3	33.0
TOTAL COMMERCIAL	82.5	22.9	113.5	9.0	40.0
T O T A L	559.5	516.2	314.1	57.3	73.0

TABLE-24 CATTLE INVENTORY : RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL COWS	RATIO OF DEATHS TO TOTAL CATTLE	RATIO OF SALES TO TOTAL CATTLE	RATIO OF HOME SLAUGHTER TO TOTAL CATTLE	RATIO OF PURCHASES TO TOTAL CATTLE
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	64.0	43.1	6.9	7.6	4.9
NGWAKETSE SOUTH	46.0	29.8	5.6	3.8	1.8
NGWAKETSE NORTH	53.0	30.9	6.3	3.1	1.9
SOUTHERN REGION	51.7	31.3	6.2	3.5	2.1
BAMALETE	59.2	78.6	8.3	5.5	2.1
KWENENG SOUTH	61.3	29.7	10.4	2.2	0.6
KWENENG NORTH	63.2	32.3	12.7	2.1	3.0
KGATLENG	65.1	40.7	13.5	4.1	0.6
GAEORONE REGION	62.9	36.4	11.8	3.0	1.1
MAHALAPYE EAST	51.4	25.0	10.1	2.2	0.8
MAHALAPYE WEST	51.6	42.0	10.3	2.2	1.2
PALAPYE	55.5	15.5	5.6	3.5	0.6
SEROME	50.1	9.9	14.8	1.7	2.2
BOBONONG	65.3	12.0	6.7	1.5	1.0
CENTRAL REGION	53.5	18.3	10.9	2.1	1.4
TATI	61.9	7.8	4.7	2.5	2.2
TUTUME	44.6	8.9	7.4	1.4	1.8
FRANCISTOWN REGION	52.4	8.4	6.1	1.9	2.0
NGAMILAND WEST	51.9	29.6	9.9	1.6	1.8
NGAMILAND EAST	50.9	41.9	9.7	1.9	1.9
CHOBE	40.0	14.6	4.9	2.4	2.4
MAUN REGION	51.2	36.3	9.7	1.8	1.8
Ghanzi	53.4	14.7	10.3	1.4	0.9
KGALAGADI	64.9	19.9	10.9	1.4	0.8
WESTERN REGION	58.6	17.1	10.6	1.4	0.9
TOTAL TRADITIONAL	54.3	23.6	9.6	2.3	1.6
TOTAL COMMERCIAL	56.0	6.2	30.9	2.4	10.9
T O T A L	54.5	21.0	12.8	2.3	3.0

TABLE-25 CATTLE INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
BY SIZE OF CATTLE-HOLDING

HERD SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER (000)-					
TRADITIONAL					
0	3.9	8.2	0.7	0.5	0.0
1 - 10	27.2	90.6	12.1	5.3	3.3
11 - 20	40.5	68.0	11.3	4.5	2.0
21 - 30	37.4	42.2	11.3	5.1	1.7
31 - 40	34.3	27.1	8.7	2.0	1.0
41 - 50	28.1	17.7	8.1	3.2	2.2
51 - 60	24.4	22.0	6.1	4.1	3.6
61 - 100	63.9	95.2	25.0	7.0	3.8
101 - 150	59.2	43.9	24.9	5.6	3.9
151 +	158.1	78.4	92.4	11.0	11.5
TOTAL TRADITIONAL	477.0	493.3	200.6	48.3	33.0
COMMERCIAL					
1 - 100	1.2	1.3	0.8	0.7	2.8
101 - 500	9.8	5.0	10.2	1.4	6.0
501 - 1000	9.7	5.3	15.2	1.8	6.0
1001 - 5000	44.6	11.0	68.3	4.3	22.4
5001 +	17.2	0.3	19.0	0.8	2.8
TOTAL TRADITIONAL	82.5	22.9	113.5	9.0	40.0
TOTAL	559.5	516.2	314.1	57.3	73.0

TABLE-26 CATTLE INVENTORY : RATIO OF BIRTHS TO COWS & DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL CATTLE BY SIZE OF CATTLE HOLDING

HERD SIZE	RATIO OF BIRTHS TO TOTAL COWS	RATIO OF DEATHS TO TOTAL CATTLE	RATIO OF SALES TO TOTAL CATTLE	RATIO OF HOME SLAUGHTER TO TOTAL CATTLE	RATIO OF PURCHASES TO TOTAL CATTLE
- PERCENTAGE -					
TRADITIONAL					
1 - 10	63.6	86.5	11.5	5.1	3.1
11 - 20	65.1	40.5	6.7	2.6	1.2
21 - 30	58.5	25.1	6.7	3.0	1.0
31 - 40	55.8	17.9	5.7	1.3	0.7
41 - 50	52.9	14.5	6.6	2.6	1.8
51 - 60	47.6	19.0	5.3	3.5	3.1
61 - 100	52.8	34.3	9.0	2.5	1.4
101 - 150	54.4	17.4	9.9	2.2	1.5
151 +	50.3	10.7	12.6	1.5	1.6
TOTAL TRADITIONAL	54.3	23.6	9.6	2.3	1.6
COMMERCIAL					
1 - 100	57.1	26.5	16.3	14.3	57.1
101 - 500	53.3	11.3	23.0	3.2	13.5
501 - 1000	42.4	10.3	29.5	3.5	11.6
1001 - 5000	54.6	5.4	33.4	2.1	11.0
5001 +	77.8	0.5	30.3	1.3	4.5
TOTAL COMMERCIAL	56.0	6.2	30.9	2.4	10.9
TOTAL	54.5	21.0	12.8	2.3	3.0

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

DISTRICTS/ REGIONS	BMC	BMC AND OTHERS	ANOTHER FARMERS	TRADER	LOCAL ABBATOIR	AUCTION	ALL OTHERS	TOTAL
- NUMBER -								
TRADITIONAL								

BAROLONG	650	200	150					1 000
NGWAKETSE SOUTH	2 900	600						3 500
NGWAKETSE NORTH	4 700	250	400	5 000	450	600		11 400
SOUTHERN REGION	8 250	1 050	550	5 000	450	600		15 900
BAMALETE	350	50		50	750			1 200
KWENENG SOUTH	4 500	100	3 550	250	2 100	2 500		13 000
KWENENG NORTH	3 750	600	300		1 250	850	50	6 800
KGATLENG	11 700	950	450	100	500	400		14 100
GABORONE REGION	20 300	1 700	4 300	400	4 600	3 750	50	35 100
MAHALAPYE EAST	5 600	1 850	1 250	200	50	250		9 200
MAHALAPYE WEST	14 400	250	600	200	200	450		16 100
PALAPYE	5 850	700	800	200	200	250		8 000
SEROWE	22 100	29 300	500	1 250	150	500		53 800
BOBONONG	4 050	450	800		1 000	2 400		8 700
CENTRAL REGION	52 000	32 550	3 950	1 850	1 600	3 850		95 800
TATI	1 400	1 100	200	3 750	50	100		6 600
TUTUME	9 700	100	750	100	150		100	10 900
FRACISTOWN REGION	11 100	1 200	950	3 850	200	100	100	17 500
NGAMILAND WEST	7 200	4 100	200	50	50	50	450	12 100
NGAMILAND EAST	7 400	5 500	1 050	650	800		300	15 700
CHOBE			50	50	100			200
MAUN REGION	14 600	9 600	1 300	750	950	50	750	28 000
GHANZI	1 350	1 500	200			1 300	50	4 400
KGALAGADI	2 650	950	100			200		3 900
WESTERN REGION	4 000	2 450	300			1 500	50	8 300
TOTAL TRADITIONAL	110 250	48 550	11 350	11 850	7 800	9 850	950	200 600
TOTAL COMMERCIAL	68 400	19 600	2 800	350	21 600	750		113 500
TOTAL	178 650	68 150	14 150	12 200	29 400	10 600	950	314 100

TABLE-28 C A T T L E S A L E S : R A T I O O F C A T T L E S O L D T O D I F F E R E N T B U Y E R S B Y D I S T R I C T S & R E G I O N S

DISTRICTS/ REGIONS	BMC	BMC AND OTHERS	ANOTHER FARMERS	TRADER	LOCAL ABBATOIR	AUCTION	ALL OTHERS	TOTAL
- PERCENTAGE -								
TRADITIONAL								

BAROLONG	65.0	20.0	15.0	0.0	0.0	0.0	0.0	100.0
NGWAKETSE SOUTH	82.9	17.1	0.0	0.0	0.0	0.0	0.0	100.0
NGWAKETSE NORTH	41.2	2.2	3.5	43.9	3.9	5.3	0.0	100.0
SOUTHERN REGION	51.9	6.6	3.5	31.4	2.8	3.8	0.0	100.0
BAMALETE	29.1	4.2	0.0	4.2	62.5	0.0	0.0	100.0
KWENENG SOUTH	34.6	0.8	27.3	1.9	16.2	19.2	0.0	100.0
KWENENG NORTH	55.2	8.8	4.4	0.0	18.4	12.5	0.7	100.0
KGATLENG	83.0	6.7	3.2	0.7	3.6	2.8	0.0	100.0
GABORONE REGION	57.8	4.8	12.2	1.1	13.1	10.6	0.4	100.0
MAHALAPYE EAST	60.9	20.1	13.6	2.2	0.5	2.7	0.0	100.0
MAHALAPYE WEST	89.5	1.6	3.7	1.2	1.2	2.8	0.0	100.0
PALAPYE	73.1	8.8	10.0	2.5	2.5	3.1	0.0	100.0
SEROWE	41.1	54.5	0.9	2.3	0.3	0.9	0.0	100.0
BOBONONG	46.5	5.2	9.2	0.0	11.5	27.6	0.0	100.0
CENTRAL REGION	54.3	34.0	4.1	1.9	1.7	4.0	0.0	100.0
TATI	21.2	16.7	3.0	56.8	0.8	1.5	0.0	100.0
TUTUME	89.0	0.9	6.9	0.9	1.4	0.0	0.9	100.0
FRANCISTOWN REGION	63.4	6.9	5.4	22.0	1.1	0.6	0.6	100.0
NGAMILAND WEST	59.5	33.9	1.6	0.4	0.4	0.4	3.8	100.0
NGAMILAND EAST	47.1	35.0	6.7	4.1	5.1	0.0	2.0	100.0
CHOBE	0.0	0.0	25.0	25.0	50.0	0.0	0.0	100.0
MAUN REGION	52.1	34.3	4.6	2.7	3.4	0.2	2.7	100.0
GHANZI	30.7	34.1	4.6	0.0	0.0	29.6	1.0	100.0
KGALAGADI	68.0	24.4	2.6	0.0	0.0	5.0	0.0	100.0
WESTERN REGION	48.2	29.5	3.6	0.0	0.0	18.1	0.6	100.0
TOTAL TRADITIONAL	55.0	24.2	5.7	5.9	3.9	4.9	0.4	100.0
TOTAL COMMERCIAL	60.3	17.3	2.5	0.3	19.0	0.6	0.0	100.0
T O T A L	56.9	21.7	4.5	3.9	9.3	3.4	0.3	100.0

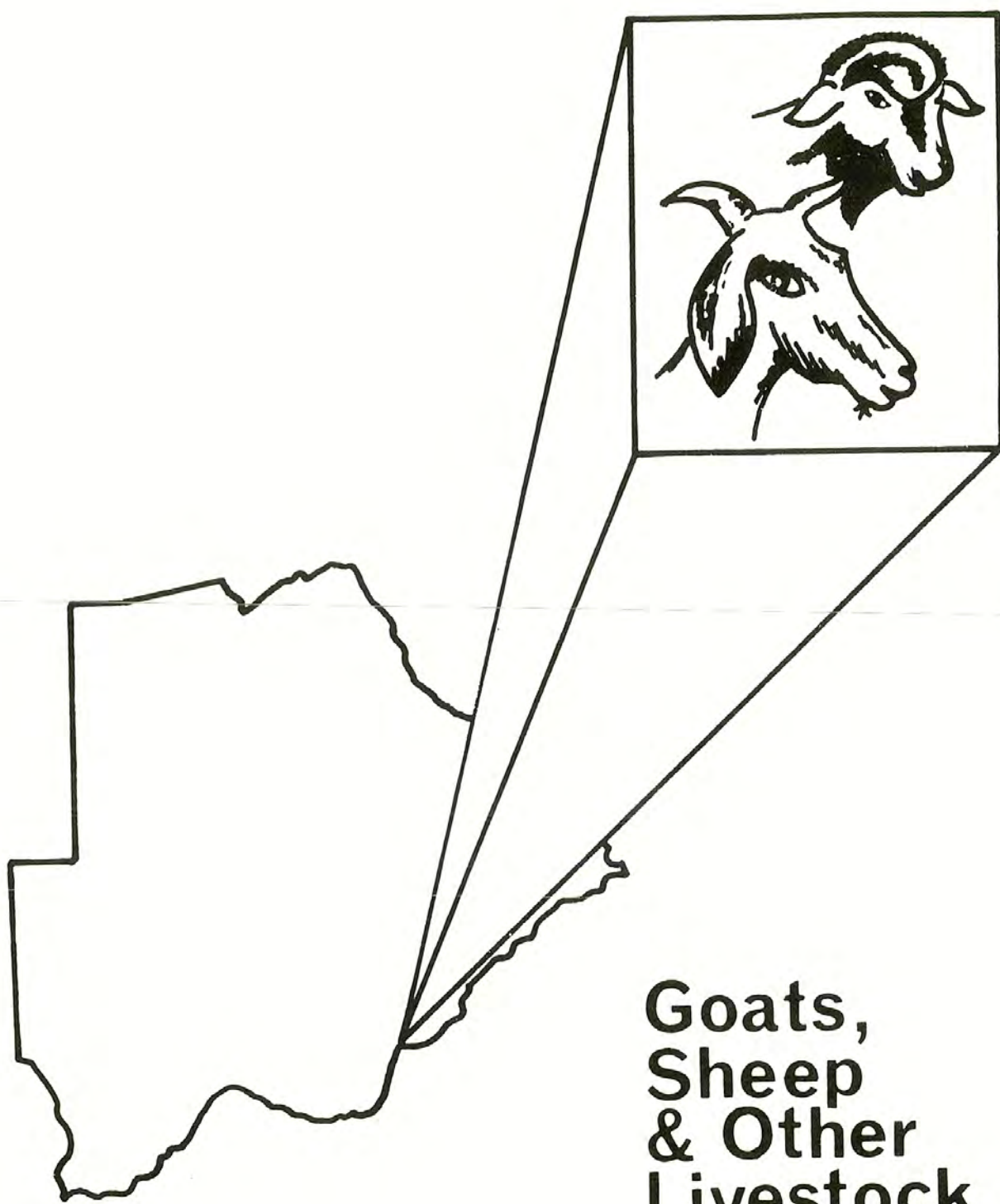
TABLE-29 AVERAGE CATTLE PRICES : FARM SELLING, CATTLE SOLD, TOTAL PRICE RECEIVED, PRICE RECEIVED PER FARM SELLING & AVG. PRICE RECEIVED PER HEAD BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS SELLING	RATIO OF FARMS SELLING	CATTLE SOLD	TOTAL PRICE RECEIVED	PRICE RECEIVED PER FARM	AVERAGE PRICE PER HEAD
			- NUMBER -			
	NUMBER	PERCENTAGE	NUMBER (000)	PULA (000)	PULA	PULA
TRADITIONAL						

BAROLONG	350	43.8	1.0	181.4	518	181
NGWAKETSE SOUTH	600	30.0	3.5	560.0	933	160
NGWAKETSE NORTH	2 150	35.2	11.4	2233.0	1 039	196
SOUTHERN REGION	3 100	34.8	15.9	2974.4	960	187
BAMALETE	450	45.0	1.2	223.2	496	186
KWENENG SOUTH	2 200	52.4	13.0	2535.0	1 152	195
KWENENG NORTH	950	45.2	6.8	1448.4	1 525	213
KGATLENG	2 150	58.1	14.1	3764.7	1 751	267
GABORONE REGION	5 750	52.3	35.1	7971.3	1 386	227
MAHALAPYE EAST	1 400	53.8	9.2	2097.6	1 498	228
MAHALAPYE WEST	1 900	65.5	16.1	2898.0	1 525	180
PALAPYE	1 900	52.8	8.0	1696.0	893	212
SEROWE	2 750	52.9	53.8	8877.0	3 235	165
BOBONONG	2 200	66.7	8.7	1452.9	660	167
CENTRAL REGION	10 150	56.1	95.8	17041.5	1 679	178
TATI	1 500	35.7	6.6	1122.0	748	170
TUTUME	1 850	51.4	10.9	2147.3	1 161	197
FRANCISTOWN REGION	3 350	42.9	17.5	3269.3	976	187
NGAMILAND WEST	1 300	52.0	12.1	1560.9	1 201	129
NGAMILAND EAST	1 650	55.0	15.7	1884.0	1 142	120
CHOBE	50	12.5	0.2	24.0	480	120
MAUN REGION	3 000	50.8	28.0	3468.9	1 156	124
GHANZI	650	92.9	4.4	572.0	880	130
KGALAGADI	550	68.8	3.9	596.7	1 085	153
WESTERN REGION	1 200	80.0	8.3	1168.7	974	141
TOTAL TRADITIONAL	26 550	49.9	200.6	35894.1	1 352	179
TOTAL COMMERCIAL	360	73.5	113.5	23835.0	66 208	210
T O T A L	26 910	50.1	314.1	59729.1	2 220	190

TABLE-C30 CATTLE INCOME : TOTAL FARMS, FARMS SELLING, CATTLE SOLD, TOTAL INCOME, AVERAGE INCOME
AND AVERAGE PRICE RECEIVED/HEAD BY CATTLE HERD SIZE FOR TRAD. FARMERS

HERD SIZE	FARM - (NUMBER) -	CATTLE SELLING FARMS	CATTLE SOLD (000)	TOTAL INCOME (000)	AVG. INCOME / FARM (PULA)	AVG. PRICE / HEAD (PULA)
TRADITIONAL -----						
0	27 300	400	7	144	359	205
1 - 10	18 000	5 100	121	2 226	436	184
11 - 20	11 200	4 400	113	1 903	432	168
21 - 30	6 700	3 800	113	1 974	520	175
31 - 40	4 300	2 400	87	1 548	643	177
41 - 50	2 700	1 900	81	1 804	963	226
51 -100	5 700	4 200	311	5 320	1 265	171
101 -150	2 100	2 000	249	5 460	2 728	219
151 +	2 500	2 400	924	15 507	6 461	168
TOTAL	80 500	26 600	2 006	35 886	1 349	179



**Goats,
Sheep
& Other
Livestock**

TABLE-31 G O A T S : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

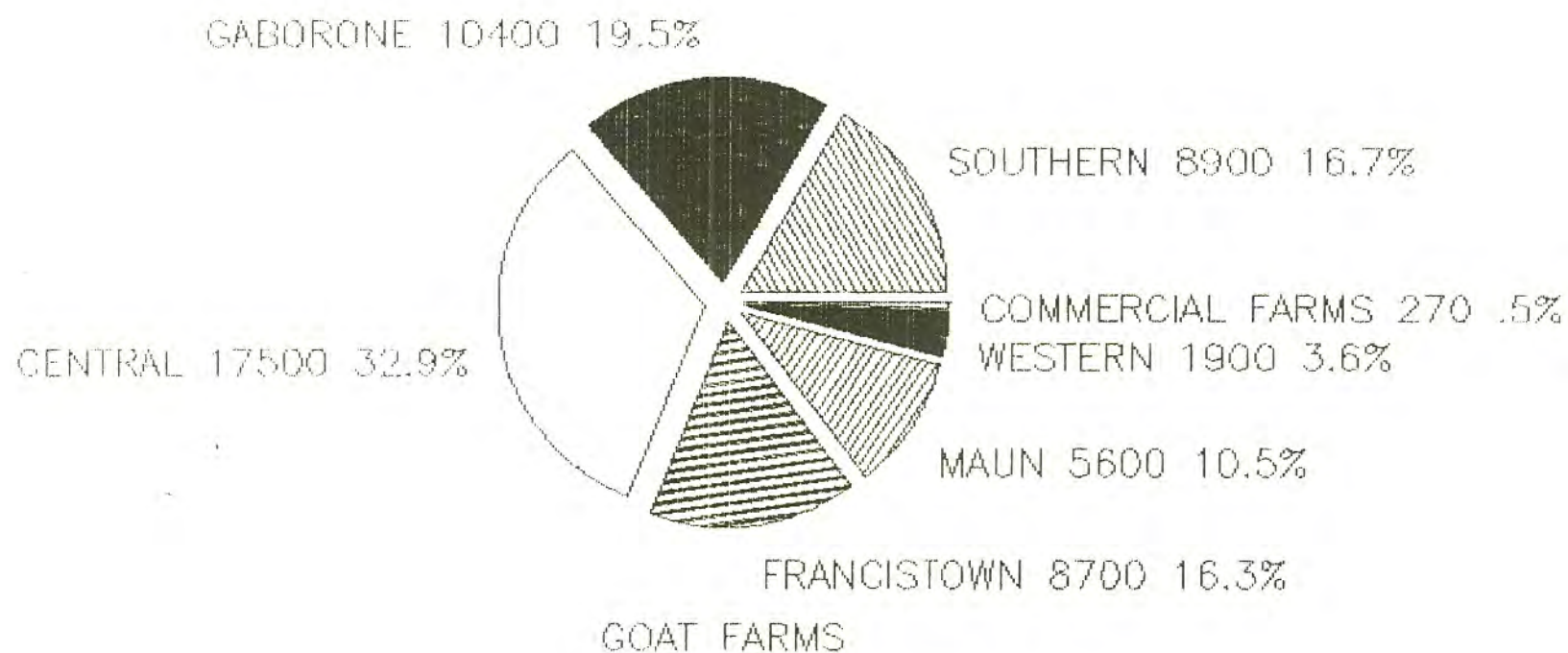
DISTRICTS/ REGIONS	GOAT	FARMS	TOTAL GOAT		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL -----					
BAROLONG	700	1.3	10.8	0.9	15.4
NGWAKETSE SOUTH	2 200	4.1	30.7	2.7	14.0
NGWAKETSE NORTH	6 000	11.3	76.2	6.7	12.7
SOUTHERN REGION	8 900	16.7	117.7	10.3	13.2
BAMALETE	1 100	2.0	15.9	1.4	14.5
KWENENG SOUTH	4 400	8.3	82.8	7.3	18.8
KWENENG NORTH	2 000	3.8	33.0	2.9	16.5
KGATLENG	2 900	5.4	55.4	4.9	19.1
GABORONE REGION	10 400	19.5	187.1	16.5	18.0
MAHALAPYE EAST	2 900	5.5	50.9	4.5	17.6
MAHALAPYE WEST	2 800	5.3	63.1	5.5	22.5
PALAPYE	3 300	6.2	68.8	6.0	20.9
SEROWE	4 400	8.3	104.6	9.2	23.8
BOBONONG	4 100	7.7	93.0	8.2	22.7
CENTRAL REGION	17 500	32.9	380.4	33.4	21.7
TATI	4 900	9.2	92.6	8.1	18.9
TUTUME	3 800	7.1	80.9	7.1	21.3
FRANCISTOWN REGION	8 700	16.3	173.5	15.2	19.9
NGAMILAND WEST	2 400	4.5	83.0	7.3	34.6
NGAMILAND EAST	3 100	5.8	106.3	9.3	34.3
CHOBE	100	0.2	0.5	0.1	5.0
MAUN REGION	5 600	10.5	189.8	16.7	33.9
GHANZI	700	1.3	16.7	1.5	23.9
KGALAGADI	1 200	2.2	43.1	3.8	35.9
WESTERN REGION	1 900	3.6	59.8	5.3	31.5
TOTAL TRADITIONAL	53 000	99.5	1108.3	97.4	20.9
TOTAL COMMERCIAL	270	0.5	29.2	2.6	108.2
T O T A L	53 270	100.0	1137.5	100.0	21.4

TABLE-32 G O A T S : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF GOAT HOLDING

HERD SIZE	GOAT NUMBER	FARMS PERCENTAGE	TOTAL GOAT		AVERAGE SIZE NUMBER
			NUMBER (000)	PERCENTAGE	
TRADITIONAL					
1 - 5	9 600	18.1	32.7	2.9	3.4
6 - 10	11 000	20.8	88.7	8.0	8.1
11 - 15	9 000	17.0	112.5	10.2	12.5
16 - 20	6 200	11.7	112.4	10.1	18.1
21 - 30	7 400	14.0	182.5	16.5	24.7
31 - 40	4 000	7.5	137.2	12.4	34.3
41 - 50	2 100	4.0	92.9	8.4	44.2
51 +	3 700	6.9	349.4	31.5	94.4
TOTAL TRADITIONAL	53 000	100.0	1108.3	100.0	20.9
COMMERCIAL					
1 - 50	100	37.1	2.7	9.2	27.0
51 - 100	80	29.6	6.0	20.6	75.0
101 - 200	50	18.5	7.6	26.0	152.0
201 +	40	14.8	12.9	44.2	322.5
TOTAL COMMERCIAL	270	100.0	29.2	100.0	108.2
T O T A L	53 270	0.0	1137.5	0.0	21.4

GOAT FARMS BY REGIONS

1985 AGRICULTURAL STATISTICS



Goats By Regions

1985 Agricultural Statistics

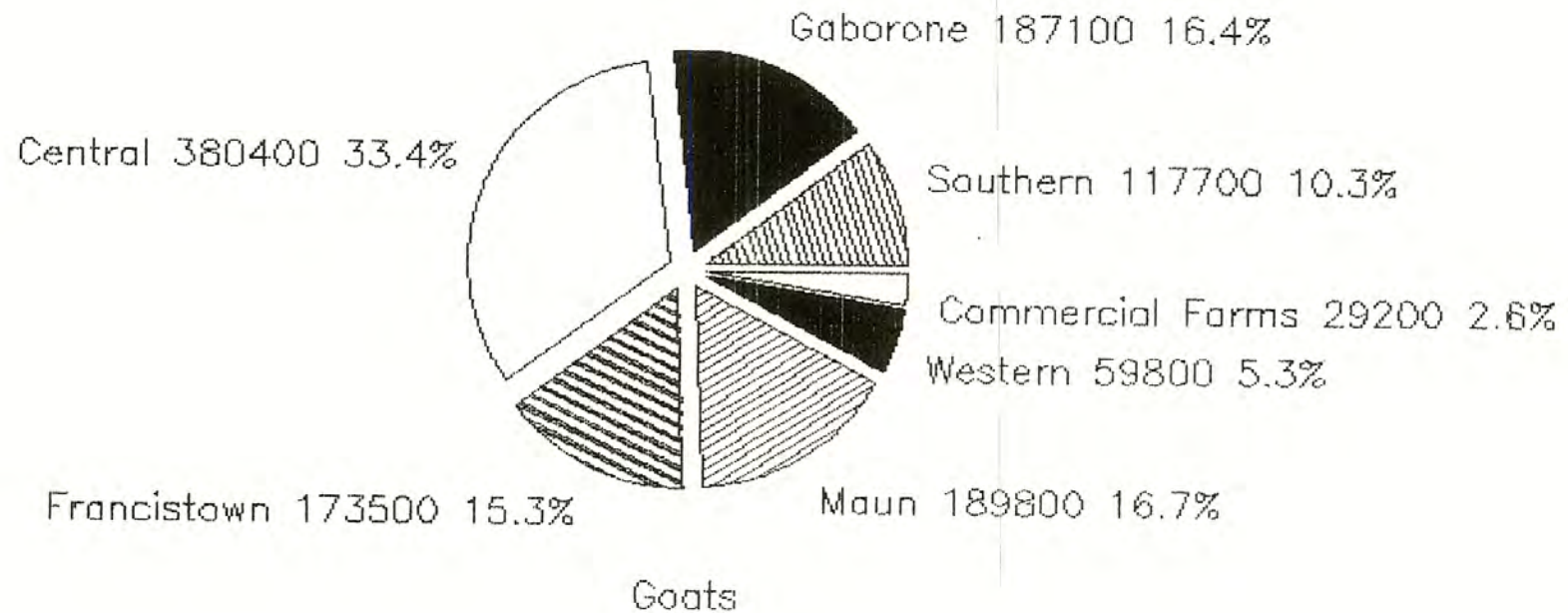


TABLE-33 GOAT HERD COMPOSITION : NUMBER OF MALES ONE YEAR & OVER/FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
-NUMBER (000)-					
TRADITIONAL -----					
BAROLONG	1.3	5.9	2.2	1.4	10.8
NGWAKETSE SOUTH	4.3	16.5	5.1	4.8	30.7
NGWAKETSE NORTH	13.3	41.9	9.7	11.3	76.2
SOUTHERN REGION	18.9	64.3	17.0	17.5	117.7
BAMALETE	2.5	7.7	3.0	2.7	15.9
KWENENG SOUTH	13.3	39.3	13.1	17.1	82.8
KWENENG NORTH	5.5	16.5	5.3	5.7	33.0
KGATLENG	9.7	28.7	8.0	9.0	55.4
GABORONE REGION	31.0	92.2	29.4	34.5	187.1
MAHALAPYE EAST	7.4	26.9	7.3	9.3	50.9
MAHALAPYE WEST	8.9	30.7	10.6	12.9	63.1
PALAPYE	10.1	35.0	10.8	12.9	68.8
SEROWE	16.5	49.7	18.0	20.4	104.6
BOBONONG	11.4	50.4	13.9	17.3	93.0
CENTRAL REGION	54.3	192.7	60.6	72.8	380.4
TATI	12.7	47.3	13.6	19.0	92.6
TUTUME	11.7	41.9	12.1	15.2	80.9
FRANCISTOWN REGION	24.4	89.2	25.7	34.2	173.5
NGAMILAND WEST	11.1	46.0	11.6	14.3	83.0
NGAMILAND EAST	14.5	60.9	14.2	16.7	106.3
CHOBE	0.1	0.2	0.1	0.1	0.5
MAUN REGION	25.7	107.1	25.9	31.1	189.8
GHANZI	2.6	8.1	2.6	3.4	16.7
KGALAGADI	6.3	22.2	6.8	7.8	43.1
WESTERN REGION	8.9	30.3	9.4	11.2	59.8
TOTAL TRADITIONAL	163.2	575.8	168.0	201.3	1108.3
TOTAL COMMERCIAL	5.0	15.4	4.1	4.7	29.2
T O T A L	168.2	591.2	172.1	206.0	1137.5

TABLE-34 GOAT HERD COMPOSITION : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	12.0	54.6	20.4	13.0	100.0
NGWAKETSE SOUTH	14.0	53.8	16.6	15.6	100.0
NGWAKETSE NORTH	17.5	55.0	12.7	14.8	100.0
SOUTHERN REGION	16.1	54.6	14.4	14.9	100.0
BAMALETE	15.7	48.4	18.9	17.0	100.0
KWENRNG SOUTH	16.1	47.5	15.8	20.6	100.0
KWENENG NORTH	16.6	50.0	16.1	17.3	100.0
KGATLENG	17.5	51.8	14.4	16.3	100.0
GAEORONE REGION	16.6	49.3	15.7	18.4	100.0
MAHALAPYE EAST	14.5	52.9	14.3	18.3	100.0
MAHALAPYE WEST	14.1	48.7	16.8	20.4	100.0
PALAPYE	14.7	50.9	15.7	18.7	100.0
SEROME	15.8	47.5	17.2	19.5	100.0
BOBONONG	12.3	54.2	14.9	18.6	100.0
CENTRAL REGION	14.3	50.7	15.9	19.1	100.0
TATI	13.7	51.1	14.7	20.5	100.0
TUTUME	14.5	51.8	15.0	1.7	100.0
FRANCISTOWN REGION	14.1	51.4	14.8	19.7	100.0
NGAMILAND WEST	13.4	55.4	14.0	17.2	100.0
NGAMILAND EAST	13.6	57.3	13.4	15.7	100.0
CHOBE	20.0	40.0	20.0	20.0	100.0
MAUN REGION	13.5	56.4	13.7	16.4	100.0
GHANZI	15.6	48.5	15.6	20.3	100.0
KGALAGADI	14.6	51.5	15.8	18.1	100.0
WESTERN REGION	14.9	50.7	15.7	18.7	100.0
TOTAL TRADITIONAL	14.7	51.9	15.2	18.2	100.0
TOTAL COMMERCIAL	17.1	52.7	14.1	16.1	100.0
TOTAL	14.8	52.0	15.1	18.1	100.0

TABLE-35

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

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
-NUMBER (000)-					
TRADITIONAL					
1 - 5	3.6	21.1	3.6	4.4	32.7
6 - 10	13.0	46.4	13.4	15.9	88.7
11 - 15	17.9	57.4	18.4	18.8	112.5
16 - 20	18.8	57.1	17.0	19.5	112.4
21 - 30	27.2	94.5	26.4	34.4	182.5
31 - 40	22.4	67.8	21.8	25.2	137.2
41 - 50	13.7	47.0	14.6	17.6	92.9
51 +	46.6	184.5	52.8	65.5	349.4
TOTAL TRADITIONAL	163.2	575.8	168.0	201.3	1108.3
COMMERCIAL					
1 - 50	0.6	1.3	0.3	0.5	2.7
51 - 100	1.1	3.3	0.6	1.0	6.0
101 - 200	1.5	3.9	1.1	1.1	7.6
201 +	1.8	6.9	2.1	2.1	12.9
TOTAL COMMERCIAL	5.0	15.4	4.1	4.7	29.2
TOTAL	168.2	591.2	172.1	206.0	1137.5

TABLE-36 GOAT HERD COMPOSITION : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF GOAT HOLDING

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
- PERCENTAGE -					
TRADITIONAL					
1 - 5	11.0	64.5	11.0	13.5	100.0
6 - 10	14.7	52.3	15.1	17.9	100.0
11 - 15	15.9	51.0	16.4	16.7	100.0
16 - 20	16.7	50.8	15.1	17.4	100.0
21 - 30	14.9	51.8	14.4	18.9	100.0
31 - 40	16.3	49.4	15.9	18.4	100.0
41 - 50	14.8	50.6	15.7	18.9	100.0
51 +	13.3	52.8	15.1	18.8	100.0
TOTAL TRADITIONAL	14.7	51.9	15.2	18.2	100.0
1 - 50	22.2	48.2	11.1	18.5	100.0
51 - 100	18.3	55.0	10.0	16.7	100.0
101 - 200	19.7	51.3	14.5	14.5	100.0
201 +	13.9	53.5	16.3	16.3	100.0
TOTAL COMMERCIAL	17.1	52.7	14.1	16.1	100.0
TOTAL	14.8	52.0	15.1	18.1	100.0

TABLE-37 GOATS INVENTORY : BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES
BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER (000)-					
TRADITIONAL -----					
BAROLONG	4.8	2.8	0.3	0.9	0.1
NGWAKETSE SOUTH	11.9	6.1	0.7	1.9	0.9
NGWAKETSE NORTH	28.1	17.5	1.9	3.2	0.8
SOUTHERN REGION	44.8	26.4	2.9	6.0	1.8
BAMALETE	7.6	4.8	0.9	0.7	0.1
KWENENG SOUTH	34.7	17.9	2.0	4.2	4.1
KWENENG NORTH	13.9	6.2	1.4	2.2	0.2
KGATLENG	19.1	8.5	2.2	4.6	1.0
GABORONE REGION	75.3	37.4	6.5	11.7	5.4
MAHALAPYE EAST	20.0	8.4	1.4	2.4	4.8
MAHALAPYE WEST	27.8	9.5	1.7	2.9	1.7
PALAPYE	27.6	14.8	2.4	2.6	1.4
SEROWE	42.9	13.0	3.1	4.7	4.4
BOBONONG	38.5	14.3	4.6	5.3	1.0
CENTRAL REGION	156.8	60.0	13.2	17.9	13.3
TATI	39.2	13.7	1.6	5.2	2.3
TUTUME	32.9	9.3	1.9	4.0	0.9
FRANCISTOWN REGION	72.1	23.0	3.5	9.2	3.2
NGAMILAND WEST	37.6	21.2	2.0	4.5	2.0
NGAMILAND EAST	40.1	36.2	3.3	4.8	1.8
CHOBE	0.2	0.1	0.1	0.1	0.1
MAUN REGION	77.9	57.5	5.4	9.4	3.9
GHANZI	6.1	3.9	0.3	0.8	0.2
KGALAGADI	17.0	9.8	2.4	2.4	0.2
WESTERN REGION	23.1	13.7	2.7	3.2	0.4
TOTAL TRADITIONAL	450.0	218.0	34.2	57.4	28.0
TOTAL COMMERCIAL	10.9	5.6	2.0	2.5	1.0
T O T A L	460.9	223.6	36.2	59.9	29.0

TABLE-38 GOATS INVENTORY : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL GOATS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL GOATS	RATIO OF DEATHS TO TOTAL GOATS	RATIO OF SALES TO TOTAL GOATS	RATIO OF HOME SLAUGHTER TO TOTAL GOATS	RATIO OF PURCHASES TO TOTAL GOATS
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	44.4	25.9	2.8	8.3	0.9
BAROLONG	44.4	25.9	2.8	8.3	0.9
NGWAKETSE NORTH	36.9	23.0	2.5	4.2	1.1
NGWAKETSE SOUTH	38.8	19.9	2.3	6.2	2.9
SOUTHERN REGION	38.1	22.4	2.5	5.1	1.5
BAMALETE	47.8	30.2	5.7	4.4	0.6
KWENENG SOUTH	41.9	21.6	2.4	5.1	5.0
KWENENG NORTH	42.1	18.8	4.2	6.7	0.6
KGATLENG	34.7	15.5	4.0	8.4	1.8
GABORONE REGION	40.3	20.0	3.5	6.3	2.9
MAHALAPYE EAST	39.3	16.5	2.8	4.7	8.3
MAHALAPYE WEST	44.1	15.1	2.7	4.6	2.7
PALAPYE	40.1	21.5	3.5	3.8	2.0
SEROME	41.0	12.4	3.0	4.5	4.2
BOBONONG	41.4	15.4	5.0	5.7	1.1
CENTRAL REGION	41.2	15.8	3.5	4.7	3.5
TATI	42.3	14.8	1.7	5.6	2.5
TUTUME	40.7	11.5	2.4	4.9	1.1
FRANCISTOWN REGION	41.6	13.3	2.0	5.3	1.8
NGAMILAND WEST	45.3	25.5	2.4	5.4	2.4
NGAMILAND EAST	37.7	34.1	3.1	4.5	1.7
CHOBE	40.0	20.0	20.0	20.0	20.0
MAUN REGION	41.0	30.3	2.9	5.0	2.1
GHANZI	36.5	23.4	1.8	4.8	1.2
KGALAGADI	39.4	22.7	5.6	5.6	0.5
WESTERN REGION	38.6	22.9	4.5	5.4	0.7
TOTAL TRADITIONAL	40.6	19.7	3.1	5.2	2.5
TOTAL COMMERCIAL	37.3	19.2	6.8	8.6	3.4
T O T A L	40.5	19.7	3.2	5.3	2.6

TABLE-39 G O A T S I N V E N T O R Y : B I R T H S , D E A T H S , S A L E S , H O M E S L A U G H T E R & P U R C H A S E S
BY SIZE OF GOAT HOLDING

HERD SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER (000)-					
TRADITIONAL					
0	0.9	2.2	0.2	0.1	0.3
1 - 5	13.0	15.6	1.4	3.0	6.5
6 - 10	38.4	27.6	3.6	6.9	4.0
11 - 15	47.1	24.7	2.5	5.9	4.1
16 - 20	44.9	24.6	3.0	6.6	3.3
21 - 30	73.0	32.0	5.8	10.0	4.5
31 - 40	52.8	23.0	3.7	6.7	0.9
41 - 50	39.0	15.0	2.4	4.9	0.2
51 +	140.9	53.3	11.6	13.3	4.2
TOTAL TRADITIONAL	450.0	218.0	34.2	57.4	28.0
COMMERCIAL					
0	0.0	0.0	0.0	0.0	0.0
1 - 50	1.0	0.5	0.6	0.3	0.0
51 - 100	2.3	1.2	0.3	0.6	0.1
101 - 200	2.6	1.6	0.1	0.6	0.3
201 +	5.0	2.3	1.0	1.0	0.6
TOTAL COMMERCIAL	10.9	5.6	2.0	2.5	1.0
T O T A L	460.9	223.6	36.2	59.9	29.0

TABLE-40 GOATS INVENTORY : RATIO OF BIRTHS, DEATHS, SALES, HOME SLAUGHTER & PURCHASES TO TOTAL GOATS BY SIZE OF GOAT HOLDING

HERD SIZE	RATIO OF BIRTHS TO TOTAL GOATS	RATIO OF DEATHS TO TOTAL GOATS	RATIO OF SALES TO TOTAL GOATS	RATIO OF HOME SLAUGHTER TO TOTAL GOATS	RATIO OF PURCHASES TO TOTAL GOATS
- PERCENTAGE -					
TRADITIONAL					
1 - 5	39.8	47.7	4.3	9.2	19.9
6 - 10	43.3	31.1	4.1	7.8	4.5
11 - 15	41.9	22.0	2.2	5.2	3.6
16 - 20	39.9	21.9	2.7	5.9	2.9
21 - 30	40.0	17.5	3.2	5.5	2.5
31 - 40	38.5	16.8	2.7	4.9	0.7
41 - 50	42.0	16.1	2.6	5.3	0.2
51 +	40.3	15.3	3.3	3.8	1.2
TOTAL TRADITIONAL	40.6	19.7	3.1	5.2	2.5
COMMERCIAL					
1 - 50	37.0	18.5	22.2	11.1	0.0
51 - 100	38.3	20.0	5.0	10.0	1.7
101 - 200	34.2	21.0	1.3	7.9	3.9
201 +	38.8	17.8	7.8	7.8	4.7
TOTAL COMMERCIAL	37.3	19.2	6.8	8.6	3.4
TOTAL	40.5	19.7	3.2	5.3	2.6

TABLE-41 A V E R A G E G O A T P R I C E S : FARM SELLING, GOAT SOLD, TOTAL PRICE RECEIVED, PRICE
RECEIVED PER FARM SELLING & AVG. PRICE RECEIVED PER HEAD BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS SELLING	RATIO OF FARMS SELLING	GOAT SOLD	TOTAL PRICE RECEIVED	PRICE RECEIVED PER FARM	AVERAGE PRICE PER HEAD
	NUMBER	PERCENTAGE	NUMBER (000)	PULA (000)	PULA	PULA
TRADITIONAL -----						
SOUTHERN REGION	1 600	18.0	2.9	110.0	69	38
GABORONE REGION	2 300	22.1	6.5	227.8	99	35
CENTRAL REGION	4 000	22.9	13.2	500.0	125	38
FRANCISTOWN REGI	1 900	21.8	3.5	89.5	47	26
MAUN REGION	1 300	23.2	5.4	131.8	101	24
WESTERN REGION	600	31.6	2.7	65.2	109	24
TOTAL TRADITIONAL	11 700	22.1	34.2	1124.3	96	33
TOTAL COMMERCIAL	100	37.0	2.0	135.0	1 350	67
T O T A L	11 800	22.2	36.2	1259.3	107	35

1985-AGRICULTURAL STATISTICS

TABLE-42 S H E E P : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

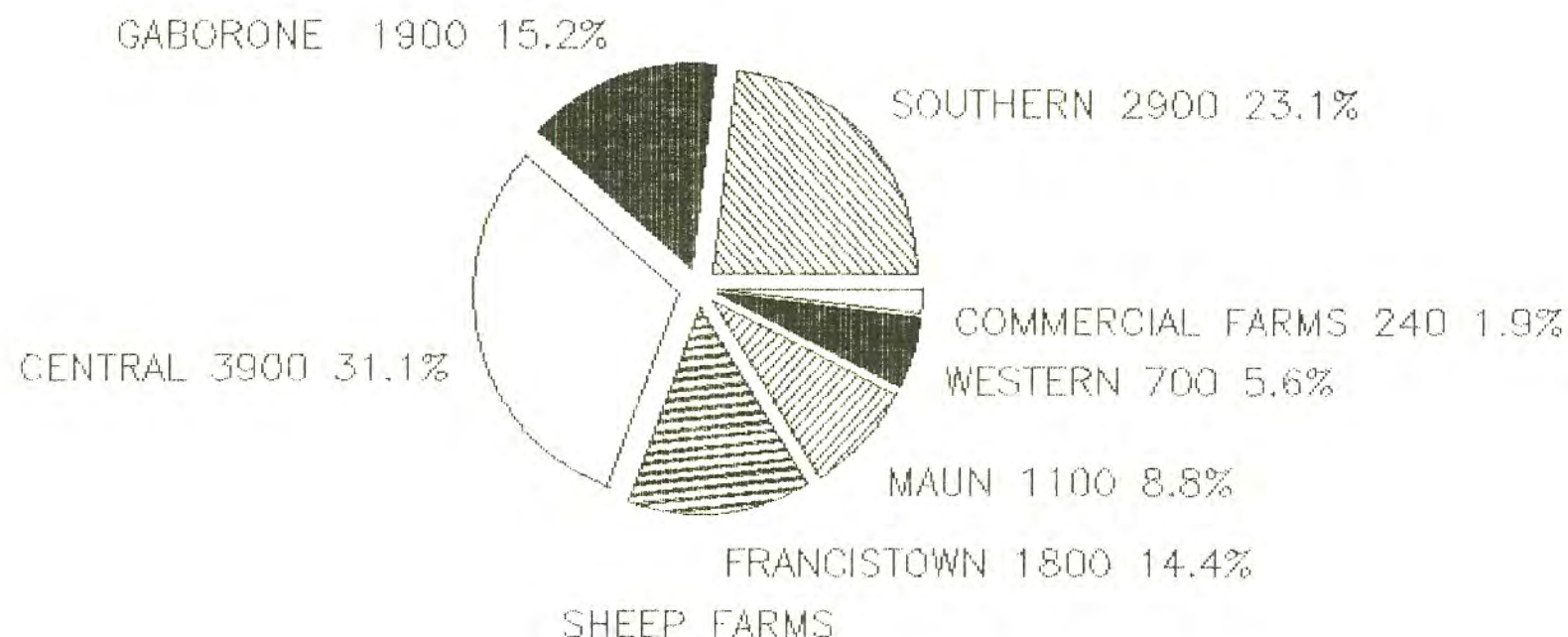
DISTRICTS/ REGIONS	SHEEP	FARMS	TOTAL SHEEP		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL -----					
BAROLONG	400	3.1	8.0	4.0	20.0
NGWAKETSE SOUTH	1 000	8.0	11.3	5.6	11.3
NGWAKETSE NORTH	1 500	12.0	15.9	8.0	10.6
SOUTHERN REGION	2 900	23.1	35.2	17.6	12.1
BARALETE	100	1.0	0.5	0.3	5.0
KWENENG SOUTH	800	6.3	8.5	4.2	10.6
KWENENG NORTH	500	4.0	2.7	1.4	5.4
KGATLENG	500	3.9	4.0	2.0	8.0
GABORONE REGION	1 900	15.2	15.7	7.9	8.3
MAHALAPYE EAST	600	4.8	6.0	3.0	10.0
MAHALAPYE WEST	600	4.8	9.4	4.7	15.7
PALAPYE	600	4.7	11.1	5.6	18.5
SEROWE	700	5.6	21.1	10.6	30.1
BOBONONG	1 400	11.2	17.2	8.6	12.3
CENTRAL REGION	3 900	31.1	64.8	32.5	16.6
TATI	1 100	8.8	10.6	5.3	9.6
TUTUME	700	5.6	7.9	3.9	11.3
FRANCISTOWN REGION	1 800	14.4	18.5	9.2	10.3
NGAMILAND WEST	500	4.0	12.9	6.5	25.8
NGAMILAND EAST	600	4.8	9.0	4.5	15.0
CHOBE	0	0.0	0.0	0.0	0.0
MAUN REGION	1 100	8.8	21.9	11.0	19.9
GHANZI	100	0.8	1.8	0.9	18.0
KGALAGADI	600	4.7	14.5	7.2	24.2
WESTERN REGION	700	5.5	16.3	8.1	23.3
TOTAL TRADITIONAL	12 300	98.1	172.4	86.3	14.0
TOTAL COMMERCIAL	240	1.9	27.3	13.7	113.8
T O T A L	12 540	100.0	199.7	100.0	15.9

TABLE-43 S H E E P : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF SHEEP HOLDING

HERD SIZE	SHEEP		TOTAL SHEEP		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	4 100	33.3	10.8	6.2	2.6
6 - 10	3 300	26.8	24.1	14.0	7.3
11 - 20	2 700	22.0	39.1	22.7	14.5
21 - 30	1 300	10.6	32.1	18.6	24.7
13 +	900	7.3	66.3	38.5	73.7
TOTAL TRADITIONAL	12 300	100.0	172.4	100.0	14.0
COMMERCIAL					
1 - 50	70	29.2	1.7	6.2	24.3
51 - 100	50	20.8	3.6	13.2	72.0
101 - 200	85	35.4	12.1	44.3	142.4
201 +	35	14.6	9.9	36.3	282.3
TOTAL COMMERCIAL	240	100.0	27.3	100.0	113.8
T O T A L	12 540	0.0	199.7	0.0	15.9

SHEEP FARMS BY REGIONS

1985 AGRICULTURAL STATISTICS



SHEEP BY REGIONS

1985 AGRICULTURAL STATISTICS

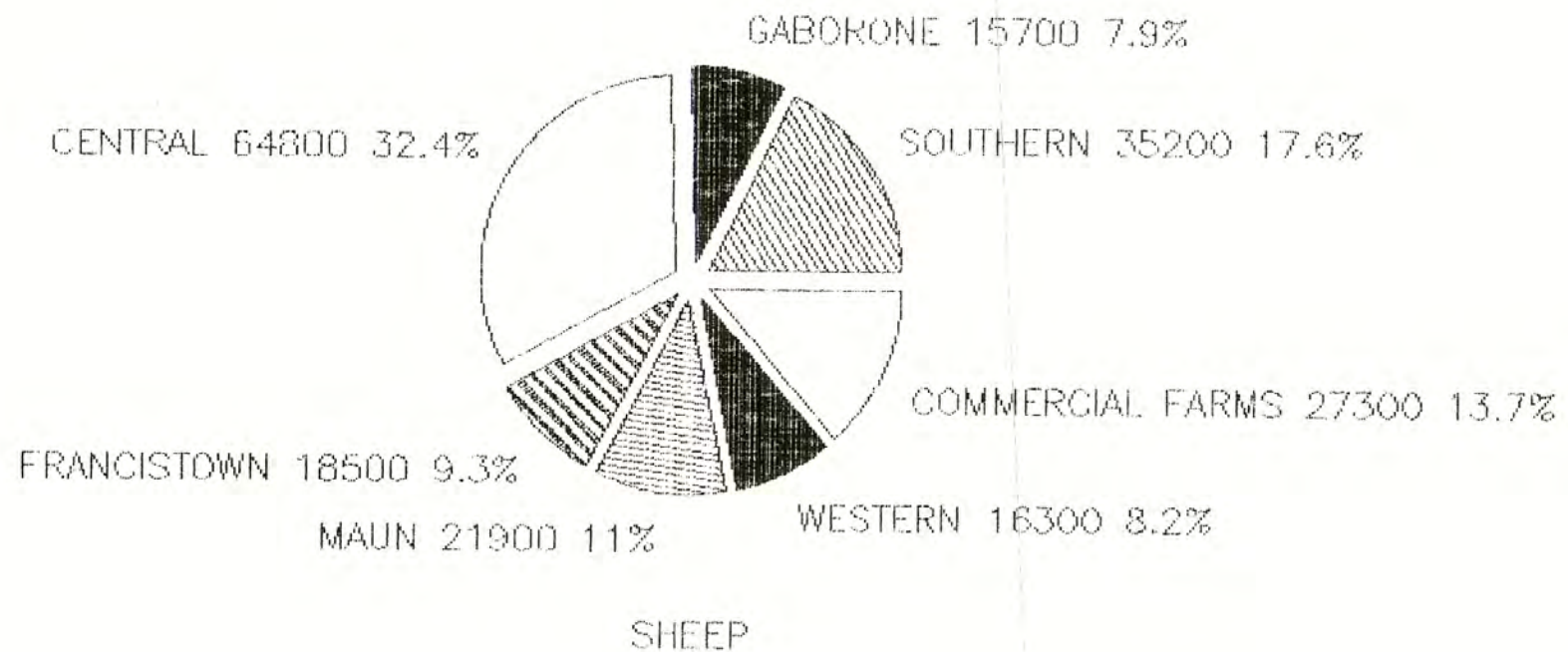


TABLE-44 S H E E P H E R D C O M P O S I T I O N : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
-NUMBER (000)-					
TRADITIONAL					
BAROLONG	1.1	4.7	1.1	1.1	8.0
NGWAKETSE SOUTH	1.7	6.4	1.5	1.7	11.3
NGWAKETSE NORTH	3.3	8.6	1.7	2.3	15.9
SOUTHERN REGION	6.1	19.7	4.3	5.1	35.2
BAMALETE	0.1	0.2	0.1	0.1	0.5
KWENENG SOUTH	1.6	4.2	1.2	1.4	8.4
KWENENG NORTH	0.4	1.9	0.2	0.2	2.7
KGATLENG	0.8	2.2	0.4	0.7	4.1
GAEORONE REGION	2.9	8.5	1.9	2.4	15.7
MAHALAPYE EAST	0.8	3.3	0.9	1.0	6.0
MAHALAPYE WEST	1.2	5.8	0.9	1.5	9.4
PALAPYE	2.7	5.4	1.5	1.5	11.1
SEROWE	4.1	10.7	3.1	3.2	21.1
BOBONONG	2.6	9.2	2.4	3.0	17.2
CENTRAL REGION	11.4	34.4	8.8	10.2	64.8
TATI	1.5	6.1	1.3	1.7	10.6
TUTUME	1.5	4.2	1.1	1.1	7.9
FRANCISTOWN REGION	3.0	10.3	2.4	2.8	18.5
NGAMILAND WEST	2.2	6.8	2.4	1.5	12.9
NGAMILAND EAST	1.5	5.1	1.1	1.3	9.0
CHOBE	0.0	0.0	0.0	0.0	0.0
MAUN REGION	3.7	11.9	3.5	2.8	21.9
Ghanzi	0.3	1.0	0.2	0.3	1.8
KGALAGADI	1.8	9.1	1.7	1.9	14.5
WESTERN REGION	2.1	10.1	1.9	2.2	16.3
TOTAL TRADITIONAL	29.2	94.9	22.8	25.5	172.4
TOTAL COMMERCIAL	4.2	14.8	3.8	4.5	27.3
T O T A L	33.4	109.7	26.6	30.0	199.7

TABLE-45 SHEEP HERD COMPOSITION : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	13.8	58.8	13.7	13.7	100.0
NGWAKETSE SOUTH	15.0	56.7	13.3	15.0	100.0
NGWAKETSE NORTH	20.7	54.1	10.7	14.5	100.0
SOUTHERN REGION	17.3	56.0	12.2	14.5	100.0
BAMALETE	20.0	40.0	20.0	20.0	100.0
KWENENG SOUTH	19.0	50.0	14.3	16.7	100.0
KWENENG NORTH	14.8	70.4	7.4	7.4	100.0
KGATLENG	19.5	53.7	9.7	17.1	100.0
GABORONE REGION	18.5	54.1	12.1	15.3	100.0
MAHALAPYE EAST	13.3	55.0	15.0	16.7	100.0
MAHALAPYE WEST	12.8	61.7	9.6	15.9	100.0
PALAPYE	24.3	48.7	13.5	13.5	100.0
SEROWE	19.4	50.7	14.7	15.2	100.0
BOBONONG	15.1	53.5	14.0	17.4	100.0
CENTRAL REGION	17.6	53.1	13.6	15.7	100.0
TATI	14.1	57.6	12.3	16.0	100.0
TUTUME	19.0	53.2	13.9	13.9	100.0
FRANCISTOWN REGION	16.2	55.7	13.0	15.1	100.0
NGAMILAND WEST	17.1	52.7	18.6	11.6	100.0
NGAMILAND EAST	16.7	56.6	12.2	14.5	100.0
CHOBE	0.0	0.0	0.0	0.0	0.0
MAUN REGION	16.9	54.3	16.0	12.8	100.0
GHANZI	16.7	55.5	11.1	16.7	100.0
KGALAGADI	12.4	62.8	11.7	13.1	100.0
WESTERN REGION	12.9	61.9	11.7	13.5	100.0
TOTAL TRADITIONAL	16.9	55.1	13.2	14.8	100.0
TOTAL COMMERCIAL	15.4	54.2	13.9	16.5	100.0
T O T A L	16.7	55.0	13.3	15.0	100.0

TABLE-46 SHEEP HERD COMPOSITION : NUMBER OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
-NUMBER (000)-					
TRADITIONAL					
1 - 5	1.5	7.1	0.8	1.4	10.8
6 - 10	4.6	13.5	2.7	3.3	24.1
11 - 20	6.6	20.6	5.1	6.8	39.1
21 - 30	4.7	17.3	4.9	5.2	32.1
31 +	11.8	36.4	9.3	8.8	66.3
TOTAL TRADITIONAL	29.2	94.9	22.8	25.5	172.4
COMMERCIAL					
1 - 50	0.3	0.8	0.3	0.3	1.7
51 - 100	0.5	1.8	0.5	0.8	3.6
101 - 200	1.9	6.1	2.0	2.1	12.1
201 +	1.5	6.1	1.0	1.3	9.9
TOTAL COMMERCIAL	4.2	14.8	3.8	4.5	27.3
TOTAL	33.4	109.7	26.6	30.0	199.7

TABLE-47 SHEEP HERD COMPOSITION : PERCENTAGE OF MALES ONE YEAR & OVER, FEMALES ONE YEAR & OVER
MALES UNDER ONE YEAR & FEMALES UNDER ONE YEAR BY SIZE OF SHEEP HOLDING

HERD SIZE	MALES ONE YEAR AND OVER	FEMALES ONE YEAR AND OVER	MALES UNDER ONE YEAR	FEMALES UNDER ONE YEAR	TOTAL
- PERCENTAGE -					
TRADITIONAL					
1 - 5	13.9	65.7	7.4	13.0	100.0
6 - 10	19.1	56.0	11.2	13.7	100.0
11 - 20	16.9	52.7	13.0	17.4	100.0
21 - 30	14.6	53.9	15.3	16.2	100.0
31 +	17.8	54.9	14.0	13.3	100.0
TOTAL TRADITIONAL	16.9	55.1	13.2	14.8	100.0
COMMERCIAL					
1 - 50	17.7	47.1	17.6	17.6	100.0
51 - 100	13.9	50.0	13.9	22.2	100.0
101 - 200	15.7	50.4	16.5	17.4	100.0
201 +	15.2	61.6	10.1	13.1	100.0
TOTAL COMMERCIAL	15.4	54.2	13.9	16.5	100.0
T O T A L	16.7	55.0	13.3		100.0

TABLE-48 SHEEP INVENTORY :BIRTHS,DEATHS,SALES,HOME SLAUGHTER & PURCHASES
BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER (000)-					
TRADITIONAL -----					
BAROLONG	2.8	1.4	0.1	0.5	0.1
NGWAKETSE SOUTH	3.5	1.8	0.1	0.3	0.3
NGWAKETSE NORTH	4.7	2.4	0.2	0.3	0.1
SOUTHERN REGION	11.0	5.6	0.4	1.1	0.5
BAMALETE	0.1	0.1	0.1	0.2	
KWENENG SOUTH	3.3	1.9	0.4	0.7	0.3
KWENENG NORTH	0.8	0.3	0.1	0.1	0.3
KGATLENG	1.4	1.1	0.2	0.5	0.1
GABORONE REGION	5.6	3.4	0.8	1.5	0.7
MAHALAPYE EAST	2.0	0.7	0.2	0.4	0.2
MAHALAPYE WEST	2.5	0.6	0.5	0.2	0.3
PALAPYE	3.8	3.2	1.3	1.0	0.1
SEROWE	7.1	2.3	1.5	0.5	0.3
BOBONONG	5.8	2.5	1.3	0.6	0.2
CENTRAL REGION	21.2	9.3	4.8	2.7	1.1
TATI	3.6	0.8	0.5	0.5	0.1
TUTUME	2.6	1.2	0.1	0.3	0.2
FRANCISTOWN REGION	6.2	2.0	0.6	0.8	0.3
NGAMILAND WEST	4.4	5.7	2.6	0.6	0.5
NGAMILAND EAST	2.7	3.0	1.7	0.6	0.1
CHOBE	0.0	0.0	0.0	0.0	0.0
MAUN REGION	7.1	8.7	4.3	1.2	0.6
GHANZI	0.3	0.4	0.1	0.1	
KGALAGADI	5.7	6.1	3.3	0.7	0.1
WESTERN REGION	6.0	6.5	3.4	0.8	0.1
TOTAL TRADITIONAL	57.1	35.5	14.3	8.1	3.0
TOTAL COMMERCIAL	10.0	3.0	3.7	2.0	1.0
T O T A L	67.1	38.5	18.0	10.1	4.0

TABLE-49 S H E E P I N V E N T O R Y : R A T I O O F B I R T H S , D E A T H S , S A L E S , H O M E S L A U G H T E R & P U R C H A S E S T O T O T A L S H E E P B Y D I S T R I C T S A N D R E G I O N S

DISTRICTS/ REGIONS	RATIO OF BIRTHS TO TOTAL SHEEP	RATIO OF DEATHS TO TOTAL SHEEP	RATIO OF SALES TO TOTAL SHEEP	RATIO OF HOME SLAUGHTER TO TOTAL SHEEP	RATIO OF PURCHASES TO TOTAL SHEEP
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	35.0	17.5	1.3	6.3	1.3
NGWAKETSE SOUTH	31.0	15.9	1.0	2.7	2.7
NGWAKETSE NORTH	29.6	15.1	1.3	1.9	1.0
SOUTHERN REGION	31.3	15.9	1.1	3.1	1.4
BAMALETE	20.0	20.0	20.0	40.0	
KWENENG SOUTH	38.8	22.4	4.7	8.2	3.5
KWENENG NORTH	29.6	11.1	3.7	3.7	11.1
KGATLENG	35.0	27.5	5.0	12.5	2.5
GABORONE REGION	35.7	21.7	5.1	9.6	4.5
MAHALAPYE EAST	33.3	11.7	3.3	6.7	3.3
MAHALAPYE WEST	26.6	6.4	5.3	2.1	3.2
PALAPYE	34.2	28.8	11.7	9.0	1.0
SEROWE	33.7	10.9	7.1	2.4	1.4
BOBONONG	33.7	14.5	7.6	3.5	1.2
CENTRAL REGION	32.7	14.4	7.4	4.2	1.7
TATI	34.0	7.6	4.7	4.7	1.0
TUTUME	32.9	15.2	1.3	3.8	2.5
FRANCISTOWN REGION	33.5	10.8	3.2	4.3	1.6
NGAMILAND WEST	34.1	44.2	20.2	4.7	3.9
NGAMILAND EAST	30.0	33.3	18.9	6.7	1.1
CHOBE	0.0	0.0	0.0	0.0	0.0
MAUN REGION	32.4	39.7	19.6	5.5	2.7
GHANZI	16.7	22.2	5.6	5.6	
KGALAGADI	39.3	42.1	22.8	4.8	1.0
WESTERN REGION	36.8	39.9	20.9	4.9	1.0
TOTAL TRADITIONAL	33.1	20.6	8.3	4.7	1.7
TOTAL COMMERCIAL	36.6	11.0	13.6	7.3	3.7
T O T A L	33.6	19.3	9.0	5.1	2.0

TABLE-50 S H E E P I N V E N T O R Y : B I R T H S , D E A T H S , S A L E S , H O M E S L A U G H T E R & P U R C H A S E S
BY SIZE OF SHEEP HOLDING

HERD SIZE	BIRTHS	DEATHS	SALES	HOME SLAUGHTER	PURCHASES
-NUMBER (000)-					
TRADITIONAL					
0	0.6	0.2	0.2	0.0	0.0
1 - 5	3.0	5.2	0.6	0.8	1.3
6 - 10	7.3	6.0	0.6	1.3	1.0
11 - 20	13.1	6.7	2.8	2.1	0.1
21 - 30	11.3	6.1	1.3	1.1	0.2
31 +	21.8	11.3	8.8	2.8	0.4
TOTAL TRADITIONAL	57.1	35.5	14.3	8.1	3.0
COMMERCIAL					
0	0.0	0.0	0.0	0.0	0.0
1 - 50	0.8	0.1	0.1	0.1	0.0
51 - 100	1.1	0.5	0.1	0.3	0.1
101 - 200	4.6	1.4	1.6	1.0	0.1
201 +	3.5	1.0	1.9	0.6	0.8
TOTAL COMMERCIAL	10.0	3.0	3.7	2.0	1.0
T O T A L	67.1	38.5	18.0	10.1	14.0

TABLE-51 S H E E P I N V E N T O R Y : R A T I O O F B I R T H S , D E A T H S , S A L E S , H O M E S L A U G H T E R & P U R C H A S E S T O T O T A L S H E E P B Y S I Z E O F S H E E P H O L D I N G

HERD SIZE	RATIO OF BIRTHS TO TOTAL SHEEP	RATIO OF DEATHS TO TOTAL SHEEP	RATIO OF SALES TO TOTAL SHEEP	RATIO OF HOME SLAUGHTER TO TOTAL SHEEP	RATIO OF PURCHASES TO TOTAL SHEEP
-- PERCENTAGE --					
TRADITIONAL					
1 - 5	27.8	48.2	5.6	7.4	12.0
6 - 10	30.3	24.9	2.5	5.4	4.2
11 - 20	33.5	17.1	7.2	5.4	0.3
21 - 30	35.2	19.0	4.1	3.4	0.6
31 +	32.9	17.0	13.3	4.2	0.6
TOTAL TRADITIONAL	33.1	20.6	8.3	4.7	1.7
COMMERCIAL					
1 - 50	47.1	5.9	5.9	5.9	0.0
51 - 100	30.6	13.9	2.8	8.3	2.8
101 - 200	38.0	11.6	13.2	8.3	0.8
201 +	35.4	10.1	19.2	6.1	8.1
TOTAL COMMERCIAL	36.6	11.0	13.6	7.3	3.7
T O T A L	33.6	19.3	9.0	5.1	2.0

TABLE-52 A V E R A G E S H E E P P R I C E S : FARM SELLING, SHEEP SOLD, TOTAL PRICE RECEIVED, PRICE RECEIVED PER FARM SELLING & AVG. PRICE RECEIVED PER HEAD BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS SELLING	RATIO OF FARMS SELLING	SHEEP SOLD	TOTAL PRICE RECEIVED	PRICE RECEIVED PER FARM	AVERAGE PRICE PER HEAD
	NUMBER	PERCENTAGE	NUMBER (000)	PULA (000)	PULA	PULA
TRADITIONAL -----						
SOUTHERN REGION	100	3.5	0.4	8.4	84	21
GAEORONE REGION	300	15.8	0.8	26.1	87	33
CENTRAL REGION	1 100	28.2	4.8	175.0	159	36
FRANCISTOWN REGION	200	11.1	0.6	19.1	96	32
MAUN REGION	300	27.3	4.3	54.8	183	13
WESTERN REGION	100	14.3	3.4	90.4	904	27
TOTAL TRADITIONAL	2 100	17.1	14.3	373.8	178	26
TOTAL COMMERCIAL	100	41.7	3.7	139.5	1 395	38
T O T A L	2 200	17.5	18.0	513.3	233	29

TABLE-53 D O N K E Y S : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	DONKEY FARMS		TOTAL DONKEYS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL -----					
BAROLONG	600	2.2	3.6	2.5	6.0
NGWAKETSE SOUTH	1 000	3.7	5.5	3.9	5.5
NGWAKETSE NORTH	1 500	5.5	7.8	5.5	5.2
SOUTHERN REGION	3 100	11.4	16.9	11.9	5.5
BAMALETE	300	1.1	1.4	1.0	4.7
KWENENG SOUTH	1 900	7.0	6.6	4.6	3.5
KWENENG NORTH	900	3.3	3.6	2.5	4.0
KGATLENG	1 100	4.1	6.8	4.8	6.2
GAECRONE REGION	4 200	15.5	18.4	12.9	4.4
MAHALAPYE EAST	1 500	5.5	6.8	4.8	4.5
MAHALAPYE WEST	1 300	4.8	5.9	4.1	4.5
PALAPYE	1 600	5.9	10.8	7.6	6.8
SEROWE	2 700	10.0	11.0	7.7	4.1
BOBONONG	3 400	12.5	21.7	15.2	6.4
CENTRAL REGION	10 500	38.7	56.2	39.4	5.4
TATI	1 200	4.4	6.8	4.8	5.7
TUTUME	1 600	5.9	6.9	4.8	4.3
FRANCISTOWN REGION	2 800	10.3	13.7	9.6	4.9
NGAMILAND WEST	2 100	7.7	10.8	7.6	5.1
NGAMILAND EAST	2 200	8.1	12.0	8.4	5.5
CHOBE	100	0.4	0.3	0.2	3.0
MAUN REGION	4 400	16.2	23.1	16.2	5.3
GHANZI	700	2.6	6.0	4.2	8.6
KGALAGADI	1 300	4.8	6.5	4.5	5.0
WESTERN REGION	2 000	7.4	12.5	8.7	6.3
TOTAL TRADITIONAL	27 000	99.5	140.8	98.7	5.2
TOTAL COMMERCIAL	140	0.5	1.8	1.3	12.9
T O T A L	27 140	100.0	142.6	100.0	5.3

TABLE-54 D O N K E Y S : FARMS, ANIMALS AND AVERAGE SIZE BY SIZE OF DONKEYS HOLDING

HERD SIZE	DONKEY FARMS		TOTAL DONKEYS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	17 000	63.0	49.9	35.4	2.9
6 - 10	8 000	29.6	59.0	41.9	7.4
11 - 15	1 000	3.7	12.3	8.8	12.3
16 +	1 000	3.7	19.6	13.9	19.6
TOTAL TRADITIONAL	27 000	100.0	140.8	100.0	5.2

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TABLE-55 C H I C K E N S: FARMS, BIRDS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CHICKEN FARMS		TOTAL CHICKENS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER

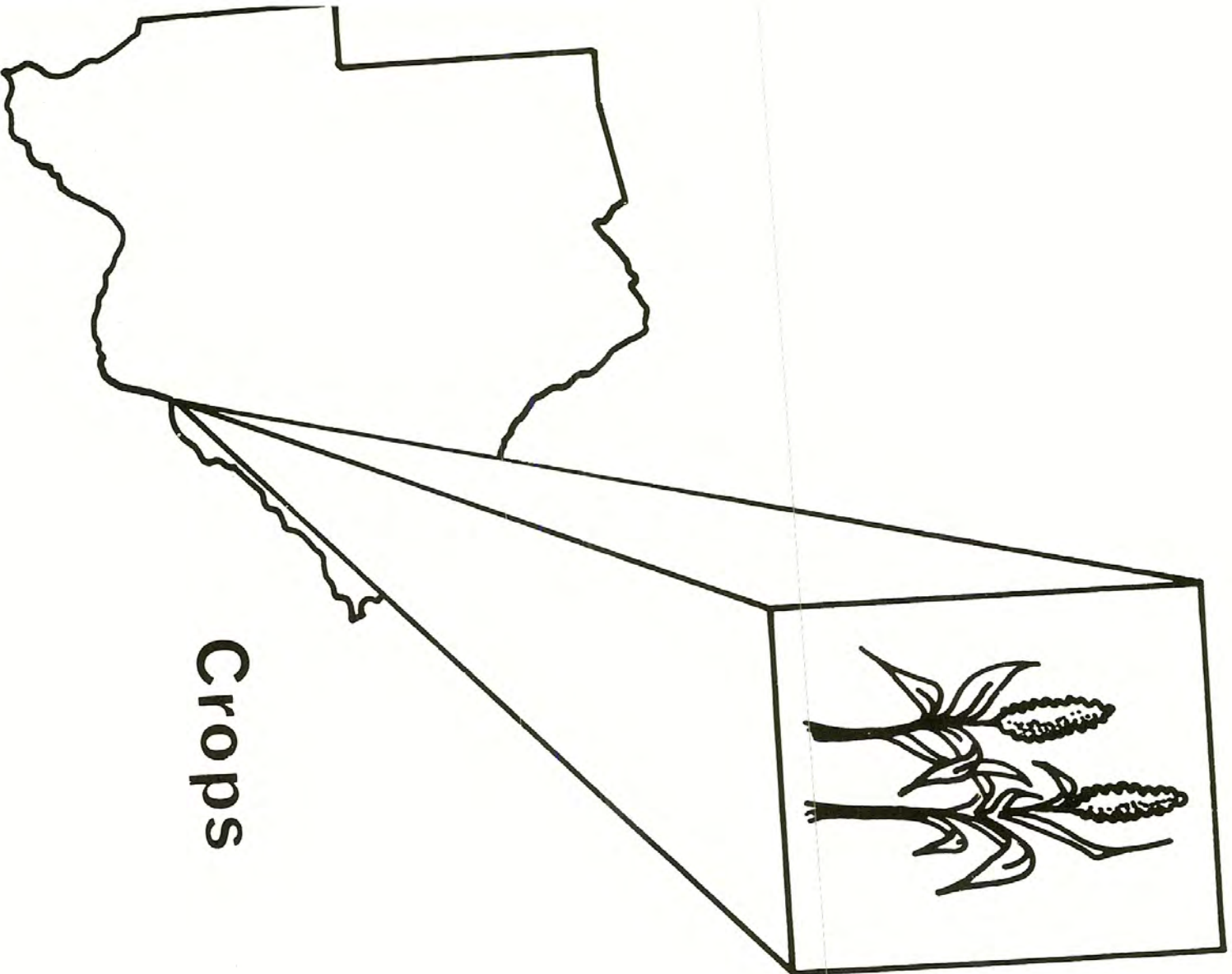
BAROLONG	1 400	2.2	9.2	0.9	6.6
NGWAKETSE SOUTH	2 600	4.2	20.7	2.0	8.0
NGWAKETSE NORTH	6 700	10.7	60.5	5.9	9.0
SOUTHERN REGION	10 700	17.1	90.4	8.8	8.5
BAMALETE	2 000	3.2	16.9	1.6	8.5
KWENENG SOUTH	4 300	6.9	39.8	3.9	9.3
KWENENG NORTH	1 900	3.0	30.6	3.0	16.1
KGATLENG	4 400	7.0	43.2	4.2	9.8
GAEORONE REGION	12 600	20.1	130.5	12.7	10.4
MAHALAPYE EAST	3 300	5.3	45.9	4.4	13.9
MAHALAPYE WEST	3 000	4.8	38.9	3.8	13.0
PALAPYE	5 100	8.1	62.6	6.1	12.3
SEROWE	4 600	7.3	39.8	3.9	8.7
BOBONONG	4 700	7.5	81.0	7.9	3.9
CENTRAL REGION	20 700	33.0	266.2	26.1	13.0
TATI	6 000	9.5	102.5	10.0	17.1
TUTUME	4 300	6.9	69.4	6.7	16.1
FRANCISTOWN REGION	10 300	16.4	171.9	16.7	16.7
NGAMILAND WEST	3 000	4.8	20.3	2.0	6.8
NGAMILAND EAST	2 700	4.3	21.0	2.0	7.8
CHOBE	500	0.8	6.5	0.6	13.0
MAUN REGION	6 200	9.9	47.8	4.6	7.7
GHANZI	600	1.0	8.4	0.8	14.0
KGALAGADI	1 300	2.1	11.3	1.1	8.7
WESTERN REGION	1 900	3.1	19.7	1.9	10.4
TOTAL TRADITIONAL	62 400	99.6	728.5	70.8	11.7
TOTAL COMMERCIAL	250	0.4	300.0	29.2	120.0
T O T A L	62 650	100.0	1028.5	100.0	16.4

TABLE-56 C H I C K E N S: FARMS, BIRDS AND AVERAGE SIZE BY SIZE OF CHICKEN HOLDING

FLOCK SIZE	CHICKEN FARMS		TOTAL CHICKENS		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
TRADITIONAL					
1 - 5	21 600	34.6	69.1	9.5	3.2
6 - 10	16 300	26.1	130.4	17.9	8.0
11 - 15	9 600	15.4	123.8	17.0	12.9
16 - 20	6 500	10.4	117.0	16.1	18.0
21 - 25	2 700	4.3	61.8	8.5	22.9
26 - 30	2 600	4.2	73.8	10.1	28.4
31 +	3 100	5.0	152.6	20.9	49.2
TOTAL TRADITIONAL	62 400	100.0	728.5	100.0	11.7
COMMERCIAL					
1 - 50	200	80.0	5.1	1.7	25.5
51 - 100	30	12.0	2.3	0.8	76.7
101 +	20	8.0	292.6	97.5	14630.0
TOTAL COMMERCIAL	250	100.0	300.0	100.0	1200.0
TOTAL	62 650	0.0	1028.5	0.0	16.4

TABLE-57 H O R S E S : FARMS, ANIMALS AND AVERAGE SIZE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	HORSES	FARMS	TOTAL HORSES		AVERAGE SIZE
	NUMBER	PERCENTAGE	NUMBER (000)	PERCENTAGE	NUMBER
<u>TRADITIONAL</u>					
BAROLONG	50	1.0	0.2	0.9	4.0
NGWAKETSE SOUTH	100	1.7	0.3	1.3	3.0
NGWAKETSE NORTH	250	4.3	0.6	2.5	2.4
SOUTHERN REGION	400	7.0	1.1	4.7	2.8
BAMALETE	50	1.0	0.1	0.4	2.0
KWENENG SOUTH	400	6.9	0.8	3.4	2.0
KWENENG NORTH	100	1.7	0.3	1.3	3.0
KGATLENG	200	3.5	0.5	2.1	2.5
GAEORONE REGION	750	13.1	1.7	7.2	2.3
MAHALAPYE EAST	50	0.8	0.1	0.4	2.0
MAHALAPYE WEST	50	0.8	0.2	0.9	4.0
PALAPYE	50	1.0	0.1	0.4	2.0
SEROWE	400	1.7	1.0	4.0	2.5
BOBONONG	50	0.8	0.2	0.9	4.0
CENTRAL REGION	600	10.4	1.6	6.8	2.7
TATI	50	0.8	0.1	0.4	2.0
TUTUME	300	5.2	0.7	3.0	2.3
FRANCISTOWN REGION	350	6.0	0.8	3.4	2.3
NGAMILAND WEST	950	16.5	4.0	17.0	4.2
NGAMILAND EAST	1 200	20.9	5.7	24.1	4.8
CHOBE	0	0.0	0.0	0.0	0.0
MAUN REGION	2 150	37.4	9.7	41.1	4.5
GHANZI	700	12.2	2.4	10.1	3.4
KGALAGADI	600	10.4	1.3	5.5	2.2
WESTERN REGION	1 300	22.6	3.7	15.6	2.8
TOTAL TRADITIONAL	5 550	96.5	18.6	78.8	3.4
TOTAL COMMERCIAL	200	3.5	5.0	21.2	25.0
T O T A L	5 750	100.0	23.6	100.0	4.1



Crops

TABLE-58 C R O P L A N D (PLANTED LAND) : FARMS, RATIO OF CROP FARMS TO FARMS WITH LAND, AREA PLANTED, RATIO OF LAND PLANTED TO TOTAL LAND, AREA PLANTED/FARM, FIELD PLANTED & AVERAGE SIZE OF FIELDS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	CROP FARMS	RATIO OF CROP FARMS TO FARM-LAND	TOTAL AREA PLANTED	RATIO OF LAND PLANTED TO TOTAL LAND	AREA PLANTED/ CROP FARM	FIELDS PLANTED	AVERAGE SIZE OF FIELDS PLANTED
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES	NUMBER (000)	HECTARES
TRADITIONAL -----							
BAROLONG	700	63.6	4.1	34.5	5.9	1.1	3.7
NGWAKETSE SOUTH	1 300	68.4	10.6	54.6	8.2	2.4	4.4
NGWAKETSE NORTH	4 400	75.9	12.2	46.2	2.8	5.4	2.3
SOUTHERN REGION	6 400	72.7	26.9	46.6	4.2	8.9	3.0
BAMALETE	2 100	84.0	6.1	63.5	2.9	2.2	2.8
KWENENG SOUTH	4 200	82.4	9.8	44.7	2.3	4.8	2.0
KWENENG NORTH	2 500	92.6	10.5	62.1	4.2	2.7	3.9
KGATLENG	4 600	90.2	27.6	67.5	6.0	4.8	5.8
GAEORONE REGION	13 400	87.0	54.0	60.5	4.0	14.5	3.7
MAHALAPYE EAST	3 300	94.3	11.7	68.4	3.6	3.9	3.0
MAHALAPYE WEST	2 400	85.7	9.2	64.3	3.8	2.6	3.5
PALAPYE	5 000	100.0	18.7	70.0	3.7	5.5	3.4
SEROWE	4 300	93.5	13.3	66.8	3.1	4.7	2.8
BOBONONG	5 000	100.0	21.9	69.7	4.4	6.3	3.5
CENTRAL REGION	20 000	95.7	74.8	68.4	3.7	23.0	3.3
TATI	5 600	98.2	20.8	68.2	3.7	7.2	2.9
TUTUME	4 100	97.6	16.8	69.4	4.1	4.9	3.4
FRANCISTOWN REGION	9 700	98.0	37.6	68.7	3.9	12.1	3.1
NGAMILAND WEST	3 100	96.9	5.1	68.0	1.7	3.4	1.5
NGAMILAND EAST	2 500	92.6	2.9	58.0	1.2	2.7	1.1
CHOBE	400	100.0	0.5	71.4	1.3	0.4	1.3
MAUN REGION	6 000	95.2	8.5	64.4	1.4	6.5	1.3
GHAZI	100	50.0	0.9	90.0	9.0	0.2	4.5
KGALAGADI	200	66.7	0.3	27.3	1.5	0.2	1.5
WESTERN REGION	300	60.0	1.2	57.1	4.0	0.4	3.0
TOTAL TRADITIONAL	55 800	90.3	203.0	62.2	3.6	65.4	3.1
TOTAL COMMERCIAL	110	84.6	9.4	16.9	85.5	0.2	47.0
T O T A L	55 910	90.6	212.4	55.6	3.8	65.6	3.2

TABLE-59 C R O P L A N D (PLANTED LAND): FARMS, AREA AND AREA PLANTED PER CROP FARM BY SIZE OF AREA PLANTED, TRADITIONAL FARMS.

HECTERAGE PLANTED	CROP FARMS		TOTAL AREA PLANTED		AREA PLANTED/ CROP FARMS
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					

.1 - 1.0	7 900	14.1	4.8	2.4	0.6
1.1 - 2.0	12 300	22.0	18.9	9.3	1.5
2.1 - 3.0	11 400	20.4	27.9	13.7	2.4
3.1 - 4.0	8 200	14.7	28.1	13.8	3.4
4.1 - 5.0	5 600	10.0	24.8	12.2	4.4
5.1 - 6.0	3 000	5.4	16.7	8.2	5.6
6.1 - 7.0	2 000	3.6	13.1	6.5	6.6
7.1 - 8.0	1 200	2.2	8.7	4.3	7.3
8.1 - 9.0	1 100	2.0	9.4	4.6	8.5
9.1 - 10.1	800	1.4	7.7	3.8	9.6
10.1 - 15.0	1 200	2.2	14.7	7.3	12.3
15.1 +	1 100	2.0	28.2	12.9	25.6
TOTAL TRADITIONAL	55 800	100.0	203.0	100.0	3.6

TABLE-60 H A R V E S T E D L A N D : FARMS, RATIO OF FARMS HARVESTED TO CROP FARMS, AREA HARVESTED RATIO OF AREA HARVESTED TO PLANTED AND AREA HARVESTED PER FARM BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED	RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
BAMALETE	1 700	81.0	3.5	57.4	2.1
KWENENG SOUTH	1 500	35.7	3.4	34.7	2.3
KWENENG NORTH	1 000	40.0	3.9	37.1	3.9
KGATLENG	2 100	45.7	12.9	46.7	6.1
GABORONE REGION	6 300	47.0	23.7	43.9	3.8
MAHALAPYE EAST	2 300	69.7	5.3	45.3	2.3
MAHALAPYE WEST	800	33.3	2.8	30.4	3.5
PALAPYE	3 300	66.0	9.0	48.1	2.7
SEROWE	400	9.3	0.9	6.8	2.3
BOBONONG	4 000	80.0	13.3	60.7	3.3
CENTRAL REGION	10 800	54.0	31.3	41.8	2.9
TATI	4 800	85.7	13.5	64.9	2.8
TUTUME	3 100	75.6	9.4	56.0	3.0
FRANCISTOWN REGION	7 900	81.4	22.9	60.9	2.9
NGAMILAND WEST	1 600	51.6	2.0	39.2	1.3
NGAMILAND EAST	1 000	40.0	0.9	31.0	1.0
CHOBE	300	75.0	0.5	100.0	1.7
MAUN REGION	2 900	48.3	3.4	40.0	1.2
GHANZI	0	0.0	0.0	0.0	0.0
KGALAGADI	0	0.0	0.0	0.0	0.0
WESTERN REGION	0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	31 100	55.7	98.2	48.4	3.2
TOTAL COMMERCIAL	90	81.8	7.5	79.8	83.3
T C T A L	31 190	55.8	105.7	49.8	3.4

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

HECTERAGE PLANTED	FARMS HARVESTED	RATIO OF FARMS HARVESTED TO CROP FARMS	AREA HARVESTED	RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
.1 - 1.0	2 700	34.2	1.3	27.1	0.5
1.1 - 2.0	5 300	43.1	5.5	29.1	1.0
2.1 - 3.0	5 800	50.9	9.1	32.6	1.6
3.1 - 4.0	5 300	64.6	12.4	44.1	2.3
4.1 - 5.0	4 000	71.4	11.6	46.8	2.9
5.1 - 6.0	2 200	73.3	8.7	52.1	4.0
6.1 - 7.0	1 500	75.0	6.9	52.7	4.6
7.1 - 8.0	1 000	83.3	5.1	58.6	5.1
8.1 - 9.0	900	81.8	5.3	56.4	5.9
9.1 - 10.1	500	62.5	4.0	51.9	8.0
10.1 - 15.0	900	75.0	8.2	55.8	9.1
15.1 +	1 000	90.9	20.1	71.3	20.1
TOTAL TRADITIONAL	31 100	55.7	98.2	48.4	3.2

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN FLOWER	GROUND- NUTS	OTHERS CROPS	TOTAL
- NUMBER -								
TRADITIONAL								

BAROLONG	600	200		100				700
NGWAKETSE SOUTH	1 200	700		400				1 300
NGWAKETSE NORTH	3 700	2 700	100	2 100				4 400
SOUTHERN REGION	5 500	3 600	100	2 600	50		100	6 400
BAMALETE	2 100	1 600		700				2 100
KWENENG SOUTH	4 100	2 800	200	2 500				4 200
KWENENG NORTH	2 500	1 500	400	1 800				2 500
KGATLENG	4 400	2 500	1 600	1 300				4 600
GABORONE REGION	13 100	8 400	2 200	6 300	100	150	700	13 400
MAHALAPYE EAST	3 300	2 900	300	2 700				3 300
MAHALAPYE WEST	2 300	2 000	200	2 200				2 400
PALAPYE	4 900	4 300	1 000	3 400				5 000
SEROWE	4 300	3 900	500	3 300				4 300
BOBONONG	4 900	4 500	900	3 600				5 000
CENTRAL REGION	19 700	17 600	2 900	15 200	50	600	5 800	20 000
TATI	5 300	5 000	4 500	4 300				5 600
TUTUME	4 100	4 000	3 400	2 400				4 100
FRANCISTOWN REGION	9 400	9 000	7 900	6 700	50	950	6 700	9 700
NGAMILAND WEST	800	1 500	2 100	100				3 100
NGAMILAND EAST	1 600	1 900	700	400				2 500
CHOBE	100	400						400
MAUN REGION	2 500	3 800	2 800	500		100	50	6 000
GHANZI	100	100		100				100
KGALAGADI	100	100		100				200
WESTERN REGION	200	200		200				300
TOTAL TRADITIONAL	50 400	42 600	15 900	31 500	250	1 800	13 350	55 800
TOTAL COMMERCIAL	80	70	20	30	15	10	25	110
T O T A L	50 480	42 670	15 920	31 530	265	1 810	13 375	55 910

TABLE-63 AREA PLANTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS, OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN FLOWER	GROUND- NUTS	OTHERS CROPS	TOTAL
-HECTARES (000)-								
TRADITIONAL -----								
BAROLONG	3.2	0.3	0.0	0.2	0.0	0.0	0.0	4.1
NGWAKETSE SOUTH	9.1	1.2	0.0	0.3	0.0	0.0	0.0	10.6
NGWAKETSE NORTH	7.4	3.3	0.1	1.4	0.0	0.0	0.0	12.2
SOUTHERN REGION	19.7	4.8	0.1	1.9	0.3	0.0	0.1	26.9
BAMALETE	4.1	1.7	0.0	0.3	0.0	0.0	0.0	6.1
KWENENG SOUTH	6.5	2.1	0.2	1.0	0.0	0.0	0.0	9.8
KWENENG NORTH	7.5	1.7	0.2	1.0	0.0	0.0	0.0	10.5
KGATLENG	19.3	3.2	2.2	0.5	0.0	0.0	0.0	27.6
GAEORONE REGION	37.4	8.7	2.6	2.8	2.3	0.1	0.1	54.0
MAHALAPYE EAST	6.1	3.4	0.1	2.0	0.0	0.0	0.0	11.7
MAHALAPYE WEST	4.6	2.5	0.1	1.8	0.0	0.0	0.0	9.2
PALAPYE	11.6	4.4	0.9	1.6	0.0	0.0	0.0	18.7
SEROWE	6.7	4.2	0.7	1.6	0.0	0.0	0.0	13.3
BOBONONG	12.3	6.5	0.6	1.7	0.0	0.0	0.0	21.9
CENTRAL REGION	41.3	21.0	2.4	8.7	0.1	0.6	0.7	74.8
TATI	10.2	5.1	3.7	1.2	0.0	0.0	0.0	20.8
TUTUME	7.6	5.0	3.0	0.9	0.0	0.0	0.0	16.8
FRANCISTOWN REGION	17.8	10.1	6.7	2.1	0.1	0.5	0.3	37.6
NGAMILAND WEST	0.7	1.0	3.3	0.1	0.0	0.0	0.0	5.1
NGAMILAND EAST	1.1	1.2	0.3	0.1	0.0	0.0	0.0	2.9
CHOBE	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.5
MAUN REGION	2.0	2.5	3.6	0.2	0.0	0.1	0.1	8.5
GHANZI	0.2	0.5	0.0	0.2	0.0	0.0	0.0	0.9
KGALAGADI	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.3
WESTERN REGION	0.3	0.6	0.0	0.3	0.0	0.0	0.0	1.2
TOTAL TRADITIONAL	118.5	47.7	15.4	16.0	2.8	1.3	1.3	203.0
TOTAL COMMERCIAL	6.3	1.7	0.1	0.5	0.3	0.4	0.1	9.4
T O T A L	124.8	49.4	15.5	16.5	3.1	1.7	1.4	212.4

TABLE-64 AREA HARVESTED : SORGHUM, MAIZE, MILLET, BEANS/PULSES, SUNFLOWER, GROUNDNUTS, OTHER CROPS AND TOTAL BY DISTRICTS & REGIONS

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN FLOWER	GROUND- NUTS	OTHERS CROPS	TOTAL
-HECTARES(000)-								
TRADITIONAL								

BAROLONG	3.0	0.1	0.0	0.1	0.0	0.0	0.0	3.4
NGWAKETSE SOUTH	7.4	0.2	0.0	0.1	0.0	0.0	0.0	7.6
NGWAKETSE NORTH	5.0	0.5	0.0	0.2	0.0	0.0	0.0	5.9
SOUTHERN REGION	15.4	0.8	0.0	0.4	0.3	0.0	0.0	16.9
BAMALETE	3.2	0.1	0.0	0.0	0.0	0.0	0.0	3.5
KWENENG SOUTH	3.1	0.1	0.2	0.1	0.0	0.0	0.0	3.4
KWENENG NORTH	3.4	0.1	0.2	0.1	0.0	0.0	0.0	3.9
KGATLENG	11.1	0.1	1.7	0.1	0.0	0.0	0.0	12.9
GAECRONE REGION	20.8	0.4	2.1	0.3	0.0	0.1	0.0	23.7
MAHALAPYE EAST	4.6	0.2	0.1	0.4	0.0	0.0	0.0	5.3
MAHALAPYE WEST	2.3	0.0	0.1	0.3	0.0	0.0	0.0	2.8
PALAPYE	8.3	0.1	0.2	0.3	0.0	0.0	0.0	9.0
SEROWE	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.9
BOBONONG	10.3	1.9	0.3	0.4	0.0	0.0	0.0	13.3
CENTRAL REGION	26.3	2.3	0.7	1.4	0.0	0.3	0.3	31.3
TATI	8.6	1.2	3.0	0.4	0.0	0.0	0.0	13.5
TUTUME	5.8	0.8	2.3	0.2	0.0	0.0	0.0	9.4
FRANCISTOWN REGION	14.4	2.0	5.3	0.6	0.0	0.3	0.3	22.9
NGAMILAND WEST	0.2	0.4	1.4	0.0	0.0	0.0	0.0	2.0
NGAMILAND EAST	0.5	0.3	0.1	0.0	0.0	0.0	0.0	0.9
CHOBE	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.5
MAUN REGION	0.9	1.0	1.5	0.0	0.0	0.0	0.0	3.4
GHANZI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	77.8	6.5	9.6	2.7	0.3	0.7	0.6	98.2
TOTAL COMMERCIAL	5.1	1.4	0.1	0.2	0.3	0.3	0.1	7.5
T O T A L	82.9	7.9	9.7	2.9	0.6	1.0	0.7	105.7

TABLE-65 T O T A L P R O D U C T I O N : SORGHUM,MAIZE,MILLET,BEANS/PULSES,SUNFLOWER AND GROUNDNUTS
BY DISTRICTS & REGIONS.

DISTRICTS/ REGIONS	SORGHUM	MAIZE	MILLET	BEANS/ PULSES	SUN- FLOWERS	GROUND- NUTS
- METRIC TONS -						
TRADITIONAL -----						
BAROLONG	670	20		5		
NGWAKETSE SOUTH	1 160	15		5		
NGWAKETSE NORTH	390	20				
SOUTHERN REGION	2 220	55		25	75	
BAMALETE	325	10				
KWENENG SOUTH	280	5	10	10		
KWENENG NORTH	290	5	25	30		
KGATLENG	1 645	5	200	5		
GAEORONE REGION	2 540	25	235	45		370
MAHALAPYE EAST	630	20	15	50		
MAHALAPYE WEST	140		5	20		
PALAPYE	1 030	10	65	50		
SEROWE	150	30				
BOBONONG	3 005	145	60	60		
CENTRAL REGION	4 955	205	145	180		145
TATI	970	200	540	35		
TUTUME	990	90	680	15		
FRANCISTOWN REGION	1 960	290	1 220	50		50
NGAMILAND WEST	35	40	220			
NGAMILAND EAST	55	80	10			
CHOBE	20	40				
MAUN REGION	110	160	230			
GHANZI KGALAGADI WESTERN REGION						
TOTAL TRADITIONAL	11 785	735	1 830	300	75	565
TOTAL COMMERCIAL	3 000	700	20	60	400	200
T O T A L	14 785	1 435	1 850	360	475	765

TABLE-66 S O R G H U M P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		----- AREA PLANTED -----			AREA	AREA PLANTED
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PLANTED	PER FARM
			HECTARES ('000)				
TRADITIONAL							
BAROLONG	600	1.2	3.0	0.2	3.2	2.6	5.3
NGWAKETSE SOUTH	1 200	2.4	8.7	0.4	9.1	7.3	7.6
NGWAKETSE NORTH	3 700	7.3	3.9	3.5	7.4	5.9	2.0
SOUTHERN REGION	5 500	10.9	15.6	4.1	19.7	15.8	3.6
BAMALETE	2 100	4.2	0.8	3.3	4.1	3.3	2.0
KWENENG SOUTH	4 100	8.1	1.7	4.8	6.5	5.2	1.6
KWENENG NORTH	2 500	5.0	2.6	4.9	7.5	6.0	3.0
KGATLENG	4 400	8.7	9.5	9.8	19.3	15.4	4.4
GAEORONE REGION	13 100	26.0	14.6	22.8	37.4	29.9	2.9
MAHALAPYE EAST	3 300	6.5	0.0	6.1	6.1	4.9	1.8
MAHALAPYE WEST	2 300	4.6	0.1	4.5	4.6	3.7	2.0
PALAPYE	4 900	9.7	1.1	10.5	11.6	9.3	2.4
SEROWE	4 300	8.5	0.8	5.9	6.7	5.4	1.6
BOBONONG	4 900	9.7	1.8	10.5	12.3	9.8	2.5
CENTRAL REGION	19 700	39.0	3.8	37.5	41.3	33.1	2.1
TATI	5 300	10.5	0.8	9.4	10.2	8.2	1.9
TUTUME	4 100	8.1	0.3	7.3	7.6	6.1	1.8
FRANCISTOWN REGION	9 400	18.6	1.1	16.7	17.8	14.3	1.9
NGAMILAND WEST	800	1.6	0.1	0.6	0.7	0.6	0.9
NGAMILAND EAST	1 600	3.2	0.1	1.0	1.1	0.9	0.7
CHOBE	100	0.2	0.1	0.1	0.2	0.1	2.0
MAUN REGION	2 500	5.0	0.3	1.7	2.0	1.6	0.8
GHANZI	100	0.2	0.0	0.2	0.2	0.1	2.0
KGALAGADI	100	0.2	0.0	0.1	0.1	0.1	1.0
WESTERN REGION	200	0.4	0.0	0.3	0.3	0.2	1.5
TOTAL TRADITIONAL	50 400	99.9	35.4	83.1	118.5	94.9	2.4
TOTAL COMMERCIAL	80	0.1	6.4	0.0	6.3	5.1	80.0
T O T A L	50 480	100.0	41.8	83.1	124.8	100.0	2.5

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

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					
.1 - 1.0	16 000	31.7	9.6	8.1	0.6
1.1 - 2.0	15 600	30.9	22.6	19.1	1.4
2.1 - 3.0	9 000	17.9	22.2	18.7	2.5
3.1 - 4.0	3 700	7.3	12.6	10.6	3.4
4.1 - 5.0	2 100	4.2	9.7	8.2	4.6
5.1 - 6.0	1 100	2.2	6.1	5.1	5.6
6.1 - 7.0	500	1.0	3.2	2.7	6.4
7.1 - 10.0	1 200	2.4	9.9	8.4	8.3
10.1 +	1 200	2.4	22.6	19.1	18.8
TOTAL TRADITIONAL	50 400	100.0	118.5	100.0	2.4

TABLE-68 S O R G H U M H A R V E S T E D :FARMS,RATIO OF FARMS HARVESTED TO PLANTED AREA,RATIO OF AREA HARVEST
-ED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		PERCENTAGE	PERCENTAGE		HECTARES
				HECTARES (000)			
TRADITIONAL -----							
BAROLONG	500	1.8	83.3	3.0	3.6	93.8	6.0
NGWAKETSE SOUTH	800	2.9	66.7	7.4	8.9	81.3	9.2
NGWAKETSE NORTH	1 800	6.6	48.6	5.0	6.0	67.6	2.8
SOUTHERN REGION	3 100	11.3	56.4	15.4	18.6	78.2	5.0
BAMALETE	1 700	6.2	81.0	3.2	3.9	78.1	1.9
KWENENG SOUTH	1 500	5.5	36.6	3.1	3.7	47.7	2.1
KWENENG NORTH	900	3.3	36.0	3.4	4.1	45.3	3.8
KGATLENG	1 700	6.2	38.6	11.1	13.4	57.5	6.5
GABORONE REGION	5 800	21.3	44.3	20.8	25.1	55.6	3.6
MAHALAPYE EAST	2 100	7.7	63.6	4.6	5.5	75.4	2.2
MAHALAPYE WEST	800	2.9	34.8	2.3	2.8	50.0	2.9
PALAPYE	3 300	12.1	67.4	8.3	10.0	71.6	2.5
SEROWE	400	1.5	9.3	0.8	1.0	11.9	2.0
BOBONONG	3 800	13.9	77.6	10.3	12.4	83.7	2.7
CENTRAL REGION	10 400	38.1	52.8	26.3	31.7	63.7	2.5
TATI	4 200	15.4	79.2	8.6	10.4	84.3	2.1
TUTUME	2 700	9.9	65.8	5.8	7.0	76.3	2.2
FRANCISTOWN REGION	6 900	25.3	73.4	14.4	17.4	80.9	2.1
NGAMILAND WEST	300	1.1	37.5	0.2	0.2	28.6	0.7
NGAMILAND EAST	600	2.2	37.5	0.5	0.7	45.4	0.8
CHOBE	100	0.4	100.0	0.2	0.2	100.0	2.0
MAUN REGION	1 000	3.7	40.0	0.9	1.1	45.0	0.9
GHANZI K GALAGDI WESTERN REGION							
TOTAL TRADITIONAL	27 200	99.7	54.0	77.8	93.8	65.6	2.9
TOTAL COMMERCIAL	70	0.3	87.5	5.1	6.2	79.7	72.9
T O T A L	27 270	100.0	54.0	82.9	100.0	66.4	3.0

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

HECTERAGE PLANTED			FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED		AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED		AREA HARVESTED PER FARM	
			NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	PERCENTAGE	PERCENTAGE	HECTARES	HECTARES
TRADITIONAL												
.1	-	1.0	5 600	20.6	35.0	3.4	4.4	35.4				0.6
1.1	-	2.0	7 800	28.7	50.0	11.3	14.5	50.0				1.4
2.1	-	3.0	6 400	23.5	71.0	15.8	20.3	71.2				2.5
3.1	-	4.0	2 500	9.2	67.6	8.6	11.0	68.2				3.4
4.1	-	5.0	1 500	5.5	71.4	6.6	8.5	68.0				4.4
5.1	-	6.0	900	3.3	81.8	4.8	6.2	78.7				5.3
6.1	-	7.0	400	1.5	80.0	2.7	3.5	84.4				6.8
7.1	-	10.0	900	3.3	75.0	6.6	8.5	66.7				8.3
10.1	+		1 200	4.4	100.0	18.0	23.1	79.6				15.0
TOTAL TRADITIONAL			27 200	100.0	54.0	77.8	100.0	65.6				2.9

TABLE-70 S O R G H U M P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----					
BAROLONG	670	4.5	1 340	223	209
NGWAKETSE SOUTH	1 160	7.9	1 450	157	127
NGWAKETSE NORTH	390	2.6	217	78	53
SOUTHERN REGION	2 220	15.0	716	144	113
BAMALETE	325	2.2	191	102	79
KWENENG SOUTH	280	1.9	187	90	43
KWENENG NORTH	290	2.0	322	85	39
KGATLENG	1 645	11.1	968	148	85
GAEORONE REGION	2 540	17.2	438	122	68
MAHALAPYE EAST	630	4.3	300	137	103
MAHALAPYE WEST	140	0.9	175	61	30
PALAPYE	1 030	7.0	312	124	89
SEROWE	150	1.0	375	188	22
BOBONONG	3 005	20.3	791	292	244
CENTRAL REGION	4 555	33.5	476	188	110
TATI	970	6.6	231	113	95
TUTUME	990	6.7	367	171	130
FRANCISTOWN REGION	1 960	13.3	284	136	110
NGAMILAND WEST	35	0.2	183	175	50
NGAMILAND EAST	55	0.4	92	110	50
CHOBE	20	0.1	200	100	100
MAUN REGION	110	0.7	100	122	55
GHANZI					
KGALAGADI	0				
WESTERN REGION	0				
TOTAL TRADITIONAL	11 785	79.7	433	151	99
TOTAL COMMERCIAL	3 000	20.3	42 857	588	469
T O T A L	14 785	100.0	542	178	118

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

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	850	7.2	152	250	89
1.1 - 2.0	1 615	13.7	207	143	71
2.1 - 3.0	1 970	16.7	308	125	89
3.1 - 4.0	955	8.1	382	111	76
4.1 - 5.0	920	7.8	613	139	95
5.1 - 6.0	580	4.9	644	121	95
6.1 - 7.0	530	4.5	1 325	196	166
7.1 - 10.0	800	6.8	889	121	81
10.1 +	3 565	30.3	2 971	198	158
TOTAL TRADITIONAL	11 785	100.0	433	151	99

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TABLE-72

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

DISTRICTS/ REGIONS	FARM PLANTED		----- AREA PLANTED -----			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGE	HECTARES
				HECTARES ('000)			
BAROLOLNG	200	0.5	0.2	0.1	0.3	0.6	1.5
NGWAKETSE SOUTH	700	1.6	0.8	0.4	1.2	2.4	1.7
NGWAKETSE NORTH	2 700	6.3	0.9	2.4	3.3	6.7	1.2
SOUTHERN REGION	3 600	8.4	1.9	2.9	4.8	9.7	1.3
BAMALETE	1 600	3.7	0.1	1.6	1.7	3.4	1.1
KWENENG SOUTH	2 800	6.6	0.1	2.0	2.1	4.3	0.8
KWENENG NORTH	1 500	3.5	0.0	1.7	1.7	3.4	1.1
KGATLENG	2 500	5.9	0.5	2.7	3.2	6.5	1.3
GAEORONE REGION	8 400	19.7	0.7	8.0	8.7	17.6	1.0
MAHALAPYE EAST	2 900	6.8	0.1	3.3	3.4	6.9	1.2
MAHALAPYE WEST	2 000	4.7	0.0	2.5	2.5	5.1	1.3
PALAPYE	4 300	10.1	0.2	4.2	4.4	8.9	1.0
SEROWE	3 900	9.1	0.1	4.1	4.2	8.5	1.1
BOBONONG	4 500	10.5	0.3	6.2	6.5	13.2	1.4
CENTRAL REGION	17 600	41.2	0.7	20.3	21.0	42.6	1.2
TATI	5 000	11.7	0.2	4.9	5.1	10.3	1.0
TUTUME	4 000	9.4	0.2	4.8	5.0	10.1	1.3
FANCISTOWN REGION	9 000	21.1	0.4	9.7	10.1	20.5	1.1
NGAMILAND WEST	1 500	3.5	0.5	0.5	1.0	2.0	0.7
NGAMILAND EAST	1 900	4.5	0.5	0.7	1.2	2.4	0.6
CHOBE	400	0.9	0.2	0.1	0.3	0.6	0.8
MAUN REGION	3 800	8.9	1.2	1.3	2.5	5.1	0.7
GHANZI	100	0.2	0.0	0.5	0.5	1.0	5.0
KGALAGADI	100	0.3	0.0	0.1	0.1	0.2	1.0
WESTERN REGION	200	0.5	0.0	0.6	0.6	1.2	3.0
TOTAL TRADITIONAL	42 600	99.8	4.9	42.8	47.7	96.7	1.1
TOTAL COMMERCIAL	70	0.2	1.6	0.0	1.7	3.3	22.9
T O T A L	42 670	100.0	6.5	42.8	49.4	100.0	1.2

TABLE-73 M A I Z E P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					

.1 - 1.0	25 000	58.7	14.0	29.4	0.6
1.1 - 2.0	12 400	29.0	16.9	35.4	1.4
2.1 - 3.0	3 600	8.5	8.6	18.0	2.4
3.1 - 4.0	1 000	2.4	3.4	7.1	3.4
4.1 - 7.0	300	0.7	1.7	3.6	5.7
7.1 - 10.0	100	0.2	0.8	1.7	8.0
10.1 +	200	0.5	2.3	4.8	11.5
TOTAL TRADITIONAL	42 600	100.0	47.7	100.0	1.1

TABLE-74

M A I Z E

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

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		HECTARES (000)	PERCENTAGE		
TRADITIONAL -----							
BAROLONG	70	1.5	35.0	0.1	1.3	33.3	1.4
NGWAKETSE SOUTH	110	2.4	15.7	0.2	2.5	16.7	1.8
NGWAKETSE NORTH	260	5.7	9.6	0.5	6.3	15.2	1.9
SOUTHERN REGION	440	9.6	12.2	0.8	10.1	16.7	1.8
BAMALETE	60	1.4	3.8	0.1	1.3	5.9	1.7
KWENENG SOUTH	20	0.4	0.7	0.1	1.3	4.8	5.0
KWENENG NORTH	20	0.4	1.3	0.1	1.3	5.9	5.0
KGATLENG	10	0.2	0.4	0.1	1.2	3.1	10.0
GAEORONE REGION	110	2.4	1.3	0.4	5.1	4.6	3.6
MAHALAPYE EAST	300	6.5	10.3	0.2	2.5	5.9	0.7
MAHALAPYE WEST		0.0	0.0	0.0	0.0	0.0	0.0
PALAPYE	220	4.8	5.1	0.1	1.3	2.3	0.5
SEROWE	80	1.8	2.1	0.1	1.3	2.4	1.3
BOBONONG	700	15.2	15.6	1.9	24.0	29.2	2.7
CENTRAL REGION	1 300	28.3	7.4	2.3	29.1	11.0	1.8
TATI	950	20.6	19.0	1.2	15.2	23.5	1.3
TUTUME	430	9.4	10.8	0.8	10.1	16.0	1.9
FRANCISTOWN REGION	1 380	30.0	15.3	2.0	25.3	19.8	1.4
NGAMILAND WEST	450	9.8	30.0	0.4	5.1	40.0	0.9
NGAMILAND EAST	600	13.0	31.6	0.3	3.8	25.0	0.5
CHOBE	270	5.9	67.5	0.3	3.8	100.0	1.1
MAUN REGION	1 320	28.7	34.7	1.0	12.7	40.0	0.8
GHANZI KGALAGADI WESTERN REGION							
TOTAL TRADITIONAL	4 550	98.9	10.7	6.5	82.3	13.6	1.4
TOTAL COMMERCIAL	50	1.1	71.4	1.4	17.7	87.5	28.0
T O T A L	4 600	100.0	10.8	7.9	100.0	16.0	1.7

TABLE-75 MAIZE HARVESTED : FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF MAIZE AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		PERCENTAGE	HECTARES (000)		
TRADITIONAL							
.1 - 1.0	2 600	57.1	10.4	1.4	21.6	10.0	0.5
1.1 - 2.0	1 010	22.2	8.2	1.4	21.5	8.3	1.4
2.1 - 3.0	530	11.7	14.7	1.3	20.0	15.1	2.5
3.1 - 4.0	230	5.1	23.0	0.8	12.3	23.5	3.5
4.1 - 7.0	60	1.3	20.0	0.3	4.6	17.6	5.0
7.1 - 10.0	20	0.4	20.0	0.2	3.1	25.0	10.0
10.1 +	100	2.2	50.0	1.1	16.9	47.8	11.0
TOTAL TRADITIONAL	4 550	100.0	10.7	6.5	100.0	13.6	1.4

TABLE-76 M A I Z E P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG.YIELD PER HECT.HARVESTED	AVG.YIELD PER HECT.PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----					
BAROLONG	20	1.4	286	200	67
NGWAKETSE SOUTH	15	1.0	136	75	13
NGWAKETSE NORTH	20	1.4	77	40	6
SOUTHERN REGION	55	3.8	125	69	11
BAMALETE	10	0.7	167	100	6
KWENENG SOUTH	5	0.4	250	50	2
KWENENG NORTH	5	0.4	250	50	3
KGATLENG	5	0.3	500	50	2
GAEORONE REGION	25	1.7	227	63	3
MAHALAPYE EAST	20	1.4	67	100	6
MAHALAPYE WEST	0	0.0	0	0	0
PALAPYE	10	0.7	45	100	2
SEROWE	30	2.1	375	300	7
BOBONONG	145	10.1	207	76	22
CENTRAL REGION	205	14.3	158	89	10
TATI	200	13.9	210	167	39
TUTUME	90	6.3	209	113	18
FRANCISTOWN REGION	290	20.2	210	145	29
NGAMILAND WEST	40	2.8	89	100	40
NGAMILAND EAST	80	5.6	133	267	67
CHOBE	40	2.8	148	133	133
MAUN REGION	160	11.2	121	160	64
GHANZI KGALAGADI WESTERN REGION					
TOTAL TRADITIONAL	735	51.2	162	113	15
TOTAL COMMERCIAL	700	48.8	14 000	500	438
T O T A L	1 435	100.0	312	182	29

TABLE-77 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	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					

.1 - 1.0	245	33.3	94	175	18
1.1 - 2.0	250	34.0	248	179	15
2.1 - 3.0	90	12.2	170	69	10
3.1 - 4.0	65	8.9	283	81	19
4.1 - 7.0	15	2.1	250	50	9
7.1 - 10.0	45	6.1	2 250	225	56
10.1 +	25	3.4	250	23	11
TOTAL TRADITIONAL	735	100.0	162	113	15

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TAELE-78 M I L L E T P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGE	HECTARES
TRADITIONAL -----							
BAROLONG		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE SOUTH		0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE NORTH	100	0.6	0.0	0.1	0.1	0.6	0.0
SOUTHERN REGION	100	0.6	0.0	0.1	0.1	0.6	
BAMALETE		0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH	200	1.3	0.0	0.2	0.2	1.3	1.0
KWENENG NORTH	400	2.5	0.0	0.2	0.2	1.3	0.5
KGATLENG	1 600	10.0	0.5	1.7	2.2	14.2	1.4
GAECRONE REGION	2 200	13.8	0.5	2.1	2.6	16.8	1.2
MAHALAPYE EAST	300	1.9	0.0	0.1	0.1	0.6	0.3
MAHALAPYE WEST	200	1.3	0.0	0.1	0.1	0.6	0.5
PALAPYE	1 000	6.3	0.0	0.9	0.9	5.8	0.9
SERWE	500	3.1	0.0	0.7	0.7	4.5	1.4
BOBONONG	900	5.6	0.0	0.6	0.6	3.9	0.7
CENTRAL REGION	2 900	18.2	0.0	2.4	2.4	15.5	0.8
TATI	4 500	28.3	0.1	3.6	3.7	23.9	0.8
TUTUME	3 400	21.3	0.2	2.8	3.0	19.3	0.9
FRANCISTOWN REGION	7 900	49.6	0.3	6.4	6.7	43.2	0.9
NGAMILAND EAST	700	4.4	0.0	0.3	0.3	1.9	0.4
NGAMILAND WEST	2 100	13.2	2.7	0.6	3.3	21.3	1.6
CHOBE							
MAUN REGION	2 800	17.6	2.7	0.9	3.6	23.2	1.3
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
GHANZI		0.0	0.0	0.0	0.0	0.0	
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	
TOTAL TRADITIONAL	15 900	99.9	3.5	11.9	15.4	99.4	1.0
TOTAL COMMERCIAL	20	0.1	0.1	0.0	0.1	0.6	5.0
T O T A L	15 920	100.0	3.6	11.9	15.5	100.0	1.0

TABLE-79 M I L L E T P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					

.1 - 1.0	10 600	66.7	5.0	32.4	0.5
1.1 - 2.0	3 300	20.7	4.6	29.9	1.4
2.1 - 3.0	1 100	6.9	2.8	18.2	2.5
3.1 +	900	5.7	3.0	19.5	3.3
TOTAL TRADITIONAL	15 900	100.0	15.4	100.0	1.0

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TABLE-80 M I L L E T H A R V E S T E D : FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		HECTARES (000)	PERCENTAGE		
TRADITIONAL -----							
BAROLONG							
NGWAKETSE SOUTH							
NGWAKETSE NORTH							
SOUTHERN REGION							
BAMALETE							
KWENENG SOUTH	150	1.6	75.0	0.2	2.1	100.0	1.3
KWENENG NORTH	300	3.1	75.0	0.2	2.1	100.0	0.7
KGATLENG	1 150	12.0	71.9	1.7	17.5	77.3	1.5
GAEORONE REGION	1 600	16.7	72.7	2.1	21.7	80.8	1.3
MAHALAPYE EAST	200	2.1	66.7	0.1	1.0	100.0	0.5
MAHALAPYE WEST	50	0.5	25.0	0.1	1.0	100.0	2.0
PALAPYE	500	5.2	50.0	0.2	2.1	22.2	0.4
SEROME		0.0	0.0	0.0	0.0	0.0	0.0
BOBONONG	350	3.6	38.9	0.3	3.1	50.0	0.9
CENTRAL REGION	1 100	11.4	37.9	0.7	7.2	29.2	0.6
TATI	3 100	32.2	68.9	3.0	30.9	81.1	1.0
TUTUME	2 500	26.0	73.5	2.3	23.7	76.7	0.9
FRANCISTOWN REGION	5 600	58.2	70.9	5.3	54.6	79.1	1.0
NGAMILAND WEST	1 100	11.4	52.4	1.4	14.5	42.4	1.3
NGAMILAND EAST	200	2.1	28.6	0.1	1.0	33.3	0.5
CHOBE		0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	1 300	13.5	46.4	1.5	15.5	41.7	1.2
GHANZI		0.0	0.0	0.0			
KGALAGADI		0.0	0.0	0.0	0.0		
WESTERN REGION		0.0	0.0	0.0			
TOTAL TRADITIONAL	9 600	99.8	60.4	9.6	99.0	62.3	1.0
TOTAL COMMERCIAL	20	0.2	10.0	0.1	1.0	100.0	5.0
T C T A L	9 620	100.0	60.4	9.7	100.0	62.6	1.0

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

HECTERA GE PLANTED		FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED		AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED		AREA HARVESTED PER FARM
		NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	PERCENTAGE	HECTARES	
TRADITIONAL										

.1	- 1.0	5 900	61.4	55.7	2.9	30.2		58.0		0.5
1.1	- 2.0	2 300	24.0	69.7	3.1	32.3		67.4		1.3
2.1	- 3.0	1 000	10.4	90.9	2.3	24.0		82.1		2.3
3.1	+ 4.0	400	4.2	44.4	1.3	13.5		43.3		3.3
TOTAL TRADITIONAL		9 600	100.0	60.4	9.6	100.0		62.3		1.0

TABLE-82 M I L L E T P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----					
BAROLONG	0	0.0	0	0	0
NGWAKETSE SOUTH	0	0.0	0	0	0
NGWAKETSE NOTRH	0	0.0	0	0	0
SOUTHERN REGION	0	0.0	0	0	0
BAMALETE	0	0.0	0	0	0
KWENENG SOUTH	10	0.5	67	50	50
KWENENG NORTH	25	1.4	83	125	125
KGATLENG	200	10.8	174	118	91
GAEORNE REGION	235	12.7	147	112	90
MAHALAPYE EAST	15	0.8	75	150	150
MAHALAPYE WEST	5	0.3	100	50	50
PALAPYE	65	3.5	130	325	
SERWE	0	0.0	0	0	0
BOBONONG	60	3.2	171	200	100
CENTRAL REGION	145	7.8	132	207	60
TATI	540	29.2	174	180	146
TUTUME	680	36.8	272	296	227
FRANCISTOWN REGION	1 220	66.0	218	230	182
NGAMILAND WEST	220	11.9	200	157	67
NGAMILAND EAST	10	0.5	50	100	33
CHOBE	0	0.0	0	0	0
MAUN REGION	230	12.4	177	153	64
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	1 830	98.9	191	191	119
TOTAL COMMERCIAL	20	1.1	1 000	200	200
T O T A L	1 850	100.0	192	191	119

TABLE-23 M I L L E T P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD
PER HECTARE BY SIZE OF MILLET AREA PLANTED

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					

.1 - 1.C	950	51.9	161	328	190
1.1 - 2.C	440	24.1	191	142	96
2.1 - 3.C	275	15.0	275	120	98
3.1 +	165	9.0	413	127	55
TOTAL TRADITIONAL	1 830	100.0	191	191	119

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TABLE-84 BEANS/PULSES P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARM PLANTED		AREA PLANTED			AREA PLANTED	AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	PURE	MIXED	TOTAL	PERCENTAGE	HECTARES
TRADITIONAL							
BARO LONG	100	0.3	0.2	0.0	0.2	1.2	2.0
NGWAKETSE SOUTH	400	1.3	0.2	0.1	0.3	1.8	0.8
NGWAKETSE NORTH	2 100	6.7	0.3	1.1	1.4	8.5	0.7
SOUTHERN REGION	2 600	8.3	0.7	1.2	1.9	11.5	0.7
BAMALETE	700	2.2	0.0	0.3	0.3	1.8	0.4
KWENENG SOUTH	2 500	8.0	0.3	0.7	1.0	6.1	0.4
KWENENG NORTH	1 800	5.7	0.0	1.0	1.0	6.1	0.6
KGATLENG	1 300	4.1	0.0	0.5	0.5	3.0	0.4
GAEORONE REGION	6 300	20.0	0.3	2.5	2.8	17.0	0.4
MAHALAPYE EAST	2 700	8.5	0.1	1.9	2.0	12.1	0.7
MAHALAPYE WEST	2 200	7.0	0.2	1.6	1.8	10.9	0.8
PALAPYE	3 400	10.8	0.0	1.6	1.6	9.7	0.5
SEROWE	3 300	10.5	0.2	1.4	1.6	9.7	0.5
BOBONONG	3 600	11.4	0.1	1.6	1.7	10.3	0.5
CENTRAL REGION	15 200	48.2	0.6	8.1	8.7	52.7	0.6
TATI	4 300	13.6	0.1	1.1	1.2	7.3	0.3
TUTUME	2 400	7.6	0.0	0.9	0.9	5.4	0.4
FRANCISTOWN REGION	6 700	21.2	0.1	2.0	2.1	12.7	0.3
NGAMILAND WEST	100	0.3	0.0	0.1	0.1	0.6	1.0
NGAMILAND EAST	400	1.3	0.0	0.1	0.1	0.6	0.2
CHOBÉ		0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	500	1.6	0.0	0.2	0.2	1.2	0.4
GHANZI	100	0.3	0.0	0.2	0.2	1.2	2.0
KGALAGADI	100	0.3	0.0	0.1	0.1	0.6	1.0
WESTERN REGION	200	0.6	0.0	0.3	0.3	1.8	1.5
TOTAL TRADITIONAL	31 500	99.9	1.7	14.3	16.0	97.0	0.5
TOTAL COMMERCIAL	30	0.1	0.5	0.0	0.5	3.0	16.7
T O T A L	31 530	100.0	2.2	14.3	16.5	100.0	0.5

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

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM HECTARES
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	
TRADITIONAL					
0.1 - 1.0	27 800	88.3	9.1	56.9	0.3
1.1 - 2.0	3 000	9.5	4.1	25.6	1.4
2.1 - 3.0	400	1.3	1.1	6.9	2.8
3.1 - 4.0	100	0.3	0.3	1.9	3.0
4.1 +	200	0.6	1.4	8.7	7.0
TOTAL TRADITIONAL	31 500	100.0	16.0	100.0	0.5

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TABLE-86 BEANS/PULSES H A R V E S T E D : FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		HECTARES (000)	PERCENTAGE		
TRADITIONAL -----							
BAROLONG	50	1.5	50.0	0.1	3.4	50.0	2.0
NGWAKETSE SOUTH	100	3.0	25.0	0.1	3.4	33.3	1.0
NGWAKETSE NORTH	200	6.0	9.5	0.2	7.0	14.3	1.0
SOUTHERN REGION	350	10.5	13.5	0.4	13.8	21.1	1.1
BAMALETE		0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH	100	3.0	4.0	0.1	3.4	10.0	1.0
KWENENG NORTH	100	3.0	5.6	0.1	3.4	10.0	1.0
KGATLENG	50	1.5	2.3	0.1	3.5	20.0	2.0
GABORONE REGION	250	7.5	4.0	0.3	10.3	10.7	1.2
MAHALAPYE EAST	700	21.1	25.9	0.4	13.9	20.0	0.6
MAHALAPYE WEST	400	12.0	18.2	0.3	10.3	16.7	0.8
PALAPYE	300	9.0	8.8	0.3	10.3	18.8	1.0
SEROWE		0.0	0.0	0.0	0.0	0.0	0.0
BOBONONG	500	15.0	13.9	0.4	13.8	23.5	0.8
CENTRAL REGION	1 900	57.1	12.5	1.4	48.3	16.1	0.7
TATI	600	18.1	14.0	0.4	13.8	33.3	0.7
TUTUME	200	6.0	8.3	0.2	6.9	22.2	1.0
FRANCISTOWN REGION	800	24.1	11.9	0.6	20.7	28.6	0.8
NGAMILAND WEST		0.0	0.0	0.0	0.0	0.0	
NGAMILAND EAST		0.0	0.0	0.0	0.0	0.0	
CHOBE		0.0	0.0	0.0	0.0	0.0	
MAUN REGION		0.0	0.0	0.0	0.0		
GHANZI		0.0	0.0	0.0	0.0	0.0	
KGALAGADI		0.0	0.0	0.0	0.0	0.0	
WESTERN REGION		0.0	0.0	0.0	0.0		
TOTAL TRADITIONAL	3 300	99.2	10.5	2.7	93.1	16.9	0.8
TOTAL COMMERCIAL	25	0.8	83.3	0.2	6.9	40.0	8.0
T O T A L	3 325	100.0	10.6	2.9	100.0	17.6	0.9

TABLE-87 BEANS/PULSES H A R V E S T E D : FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED/FARM BY SIZE OF BEAN/PULSES AREA PLANTED

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE		HECTARES (000)	PERCENTAGE		
TRADITIONAL							

.1 - 1.0	2 450	74.3	8.8	1.1	40.8	12.1	0.5
1.1 - 2.0	700	21.2	23.3	0.7	25.9	17.1	1.0
2.1 - 3.0	50	1.5	12.5	0.1	3.7	9.1	2.0
3.1 - 4.0	50	1.5	50.0	0.2	7.4	66.7	4.0
4.1 +	50	1.5	25.0	0.6	22.2	42.9	12.0
TOTAL TRADITIONAL	3 300	100.0	10.5	2.7	100.0	16.9	0.8

TABLE-88 BEANS/PULSES P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----					
BAROLONG	5	1.4	100	50	25
NGWAKETSE SOUTH	5	1.4	50	50	17
NGWAKETSE NORTH	15	4.0	75	75	11
SOUTHERN REGION	25	6.8	71	63	13
BAMALETE	0	0.0	0	0	0
KWENENG SOUTH	10	2.7	100	100	10
KWENENG NORTH	30	8.1	300	300	30
KGATLENG	5	1.4	100	50	10
GABORONE REGION	45	12.2	180	150	16
MAHALAPYE EAST	50	13.5	71	125	25
MAHALAPYE WEST	20	5.4	50	67	11
PALAPYE	50	13.5	167	167	31
SEROWE	0	0.0	0	0	0
BOBONONG	60	16.2	120	150	35
CENTRAL REGION	180	48.6	95	129	21
TATI	35	9.5	58	88	29
TUTUME	15	4.0	75	75	17
FRANCISTOWN REGION	50	13.5	63	83	24
NGAMILAND WEST	0	0.0	0		
NGAMILAND EAST	0	0.0	0		
CHOBE	0	0.0	0		
MAUN REGION					
GHAZI	0	0.0	0		
KGALAGADI	0	0.0	0		
WESTER REGION	0	0.0	0		
TOTAL TRADITIONAL	300	81.1	91	111	19
TOTAL COMMERCIAL	60	18.9	2 400	300	120
T O T A L	360	100.0	108	124	22

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

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					

.1 - 1.0	165	55.0	67	150	18
1.1 - 2.0	65	21.7	93	93	16
2.1 - 3.0	30	10.0	600	300	27
3.1 - 4.0	25	8.3	500	125	83
4.1 +	15	5.0	300	25	11
TOTAL TRADITIONAL	300	100.0	91	111	19

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TABLE-90 F O U R - C R O P S P L A N T E D : FARMS, AREA & AREA PLANTED PER FARM BY DISTRICTS AND REGIONS
(SORGHUM, MAIZE, MILLET & BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL -----					
BAROLONG	700	1.3	3.7	1.8	5.3
NGWAKETSE SOUTH	1 300	2.3	10.6	5.1	8.2
NGWAKETSE NORTH	4 200	7.6	12.2	5.9	2.9
SOUTHERN REGION	6 200	11.2	26.5	12.8	4.3
BAMALETE	2 100	3.8	6.1	3.0	2.9
KWENENG SOUTH	4 200	7.6	9.8	4.8	2.3
KWENENG NORTH	2 500	4.5	10.4	5.0	4.2
KGATLENG	4 600	8.3	25.2	12.2	
GAEORONE REGION	13 400	24.2	51.5	25.0	3.8
MAHALAPYE EAST	3 300	6.0	11.6	5.6	3.5
MAHALAPYE WEST	2 400	4.3	9.0	4.4	3.8
PALAPYE	4 900	8.8	18.5	9.0	3.8
SEROME	4 300	7.8	13.2	6.4	3.1
BOBONONG	4 900	8.9	21.1	10.2	4.3
CENTRAL REGION	19 800	35.8	73.4	35.6	3.7
TATI	5 500	9.9	20.2	9.8	3.7
TUTUME	4 100	7.4	16.5	8.0	4.0
FRANCISTOWN REGION	9 600	17.3	36.7	17.8	3.8
NGAMILAND WEST	3 100	5.6	5.1	2.5	1.7
NGAMILAND EAST	2 500	4.5	2.7	1.3	1.1
CHOBE	400	0.7	0.5	0.2	1.3
MAUN REGION	6 000	10.8	8.3	4.0	1.4
GHANZI	100	0.2	0.9	0.4	9.0
KGALAGADI	200	0.3	0.3	0.2	1.5
WESTERN REGION	300	0.5	1.2	0.6	4.0
TOTAL TRADITIONAL	55 300	99.8	197.6	95.8	3.6
TOTAL COMMERCIAL	100	0.2	8.6	4.2	86.0
T O T A L	55 400	100.0	206.2	100.0	3.7

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

HECTERAGE PLANTED	FARMS PLANTED		AREA PLANTED		AREA PLANTED PER FARM
	NUMBER	PERCENTAGE	HECTARES (000)	PERCENTAGE	HECTARES
TRADITIONAL					

.1 - 1.0	7 900	14.3	4.8	2.4	0.6
1.1 - 2.0	12 400	22.4	19.1	9.7	1.5
2.1 - 3.0	11 100	20.1	27.5	13.9	2.5
3.1 - 4.0	8 200	14.8	27.9	14.1	3.4
4.1 - 5.0	5 400	9.8	24.0	12.2	4.4
5.1 - 6.0	3 100	5.6	17.3	8.8	5.6
6.1 - 7.0	2 000	3.6	13.1	6.6	6.6
7.1 - 10.0	3 000	5.4	25.3	12.8	8.4
10.1 +	2 200	4.0	38.6	19.5	17.6
TOTAL TRADITIONAL	55 300	100.0	197.6	100.0	3.6

TABLE-92 F O U R - C R O P S H A R V E S T E D : FARMS, RATIO OF FARMS HARVESTED TO PLANTED AREA, RATIO OF AREA HARVESTED TO PLANTED & AREA HARVESTED/FARM BY DISTRICTS AND REGIONS (SORGHUM, MAIZE, MILLET & BEANS/PULSES)

DISTRICTS/ REGIONS	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED	AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL							
BAROLONG	550	1.8	78.6	3.2	3.1	86.5	5.8
NGWAKETSE SOUTH	800	2.7	61.5	7.7	7.5	72.6	9.6
NGWAKETSE NORTH	1 900	6.3	45.2	5.7	5.5	46.7	3.0
SOUTHERN REGION	3 250	10.8	30.7	16.6	16.1	62.6	5.1
BAMALETE	1 700	5.5	81.0	3.3	3.2	54.1	1.9
KWENENG SOUTH	1 450	4.8	34.5	3.5	3.4	35.7	2.4
KWENENG NORTH	1 000	3.4	40.0	3.8	3.7	36.5	3.8
KGATLENG	2 150	7.2	46.7	13.0	12.5	51.6	6.1
GABORONE REGION	6 300	20.9	47.0	23.6	22.8	45.8	3.8
MAHALAPYE EAST	2 300	7.6	69.7	5.3	5.1	45.7	2.3
MAHALAPYE WEST	800	2.7	33.3	2.7	2.6	30.0	3.4
PALAPYE	3 350	11.1	68.4	8.9	8.6	48.1	2.7
SEROWE	400	1.3	9.3	0.9	0.9	6.8	2.3
BOBONONG	3 900	12.9	79.6	12.9	12.5	61.1	3.3
CENTRAL REGION	10 750	35.7	54.3	30.7	29.7	41.8	2.9
TATI	4 700	15.6	85.5	13.2	12.8	65.4	2.8
TUTUME	3 050	10.1	74.4	9.1	8.8	55.2	3.0
FRANCISTOWN REGION	7 750	25.7	80.7	22.3	21.6	60.8	2.9
NGAMILAND WEST	1 600	5.3	51.6	2.0	1.9	39.2	1.3
NGAMILAND EAST	1 000	3.3	40.0	0.9	0.9	33.3	9.0
CHOBE	300	1.0	75.0	0.5	0.5	100.0	1.7
MAUN REGION	2 000	6.6	33.3	3.4	3.3	41.0	1.7
GHANZI		0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI		0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION		0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	30 050	99.7	90.5	96.6	93.5	48.9	3.2
TOTAL COMMERCIAL	90	0.3	90.0	6.8	6.5	77.9	74.4
T O T A L	30 140	100.0	54.4	103.4	100.0	50.1	3.4

TABLE-93 F O U R - C R O P S H A R V E S T E D : F A R M S , R A T I O O F F A R M S H A R V E S T E D T O P L A N T E D A R E A , R A T I O O F A R E A H A R V E S T E D T O P L A N T E D & A R E A H A R V E S T E D / F A R M B Y S I Z E O F F O U R C R O P S A R E A P L A N T E D (S O R G H U M , M A I Z E , M I L L E T & B E A N S / P U L S E S)

HECTERAGE PLANTED	FARMS HARVESTED		RATIO OF FARMS HARVESTED TO PLANTED		AREA HARVESTED		RATIO OF AREA HARVESTED TO PLANTED	AREA HARVESTED PER FARM
	NUMBER	PERCENTAGE	PERCENTAGE	HECTARES (000)	PERCENTAGE	PERCENTAGE	PERCENTAGE	HECTARES
TRADITIONAL								
.1 - 1.0	2 600	8.6	32.9	1.3	1.4	27.1	0.5	
1.1 - 2.0	5 500	18.3	44.4	5.8	6.0	30.4	1.1	
2.1 - 3.0	5 700	19.0	51.4	9.0	9.3	32.7	1.6	
3.1 - 4.0	5 400	18.0	65.9	12.5	12.9	44.8	2.3	
4.1 - 5.0	3 850	12.8	71.3	11.2	11.6	46.7	2.9	
5.1 - 6.0	2 350	7.8	75.8	9.3	9.6	53.8	4.0	
6.1 - 7.0	1 400	4.7	70.0	6.7	6.9	51.2	4.8	
7.1 - 10.0	2 300	7.6	76.7	13.9	14.4	54.9	6.0	
10 1 +	950	3.2	43.2	26.9	27.9	69.7	28.3	
TOTAL TRADITIONAL	30 050	100.0	54.3	96.6	100.0	48.9	3.2	

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TABLE-94 F O U R - C R O P S P R O D U C T I O N : TOTAL PRODUCTION, PRODUCTION PER HARVESTED FARM AND AVERAGE YIELD PER HECTARE BY DISTRICTS AND REGIONS (SORGHUM, MAIZE, MILLET & BEANS/PULSES)

DISTRICTS/ REGIONS	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM KILOGRAMS	AVG. YIELD PER HECT. HARVESTED KILOGRAMS	AVG. YIELD PER HECT. PLANTED KILOGRAMS
	METRIC TONS	PERCENTAGE			
TRADITIONAL -----					
BAROLONG	695	3.8	1 264	217	188
NGWAKETSE SOUTH	1 180	6.4	1 475	153	111
NGWAKETSE NORTH	425	2.3	224	75	35
SOUTHERN REGION	2 300	12.5	708	139	87
BAMALETE	335	1.8	197	102	55
KWENENG SOUTH	305	1.6	210	87	31
KWENENG NORTH	350	1.9	350	92	34
KGATLENG	1 855	10.1	863	143	74
GABORONE REGION	2 845	15.4	452	121	55
MAHALAPYE EAST	715	3.9	311	135	62
MAHALAPYE WEST	165	0.9	206	61	18
PALAPYE	1 155	6.3	345	130	62
SEROWE	180	1.0	450	200	14
BOBONONG	3 270	17.7	838	253	155
CENTRAL REGION	5 485	29.8	510	179	75
TATI	1 745	9.5	371	132	86
TUTUME	1 775	9.6	582	195	108
FRANCISTOWN REGION	3 520	19.1	454	158	96
NGAMILAND WEST	295	1.6	184	148	58
NGAMILAND EAST	145	0.8	145	161	54
CHOBE	60	0.3	200	120	120
MAUN REGION	500	2.7	250	147	60
GHANZI	0	0.0	0	0	0
KGALAGADI	0	0.0	0	0	0
WESTERN REGION	0	0.0	0	0	0
TOTAL TRADITIONAL	14 650	79.5	488	152	74
TOTAL COMMERCIAL	3 780	20.5	42 000	556	440
T O T A L	18 430	100.0	611	178	89

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

HECTERAGE PLANTED	TOTAL PRODUCTION		PRODUCTION PER HARVESTED FARM	AVG. YIELD PER HECT. HARVESTED	AVG. YIELD PER HECT. PLANTED
	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS	KILOGRAMS
TRADITIONAL					
.1 - 1.0	315	2.1	121	242	66
1.1 - 2.0	1 100	7.5	200	190	58
2.1 - 3.0	1 215	8.3	213	204	44
3.1 - 4.0	1 840	12.6	341	147	66
4.1 - 5.0	1 410	9.6	366	126	59
5.1 - 6.0	1 320	9.0	562	142	76
6.1 - 7.0	800	5.5	571	119	61
7.1 - 10.0	2 040	13.9	887	147	81
10.1 +	4 610	31.5	4 853	171	119
TOTAL TRADITIONAL	14 650	100.0	488	152	74

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TABLE-96 F O U R C R O P S P R I C E S: AVERAGE CROP PRICES RECEIVED BY FARMERS
(SORGHUM, MAIZE, MILLET & BEANS/PULSES) PER METRIC TON

	SORGHUM	MAIZE	MILLET	BEANS/PULSES
	(PULA / METRIC TON)			
TRADITIONAL				

SOUTHERN REGION	377	400		310
GABORONE REGION	448			540
CENTRAL REGION	450			340
FRANCISTOWN REGI	440		330	600
MAUM REGION		440		
WESTERN REGION				
TOTAL TRADITIONAL	390	420	330	380

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

REGIONS	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVG.YIELD PER HECT.PLANTED	AVG.YIELD PER HECT.HARVESTED
	NUMBER	HECTARES (000)	HECTARES (000)	METRIC TONS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----						
SOUTHERN REGION		0.0	0.0			
GABORONE REGION	150	0.1	0.1	370	3 700	3 700
CENTRAL REGION	600	0.6	0.3	145	242	483
FRANCISTOWN REGION	950	0.5	0.3	50	100	167
MAUN REGION	100	0.1	0.0			
WESTERN REGION		0.0	0.0			
TOTAL TRADITIONAL	1 800	1.3	0.7	565	435	807
TOTAL COMMERCIAL	10	0.4	0.3	200	500	667
T O T A L	1 810	1.7	1.0	765	450	765

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

REGIONS	FARMS	AREA PLANTED	AREA HARVESTED	TOTAL PRODUCTION	AVG. YIELD PER HECT. PLANTED	AVG. YIELD PER HECT. HARVESTED
	NUMBER	HECTARES (000)	HECTARES (000)	METRIC TONS	KILOGRAMS	KILOGRAMS
TRADITIONAL -----						
SOUTHERN REGION	50	0.3	0.3	75	250	250
GABORONE REGION	100	2.3	0.0			
CENTRAL REGION	50	0.1	0.0			
FRANCISTOWN REGION	50	0.1	0.0			
MAUN REGION		0.0	0.0			
WESTERN REGION		0.0	0.0			
TOTAL TRADITIONAL	250	2.8	0.3	75	27	250
TOTAL COMMERCIAL	15	0.3	0.3	400	1 333	1 333
T O T A L	265	3.1	0.6	475	153	792

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Farm Practices

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

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS (000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	13.5	1.0	14.5	4.5	5.0	4.5
NGWAKETSE SOUTH	28.0	3.8	31.8	3.2	9.5	3.5
NGWAKETSE NORTH	23.5	43.8	67.3	6.0	12.5	9.1
SOUTHERN REGION	65.0	48.6	113.6	4.2	11.9	5.8
BAMALETE	5.3	38.5	43.8	6.6	11.7	10.7
KWENENG SOUTH	18.1	57.7	75.8	10.7	12.0	11.7
KWENENG NORTH	18.1	40.0	58.1	7.0	8.2	7.8
KGATLENG	41.7	69.7	111.4	4.4	7.1	5.8
GABORONE REGION	83.2	205.9	289.1	5.7	9.0	7.7
MAHALAPYE EAST	0.0	62.5	62.5	0.0	10.3	10.3
MAHALAPYE WEST	0.1	41.5	41.6	1.0	9.2	9.0
PALAPYE	7.6	97.2	104.8	6.9	9.3	9.0
SEROWE	4.6	68.8	73.4	5.8	11.7	11.0
BOBONONG	7.3	115.0	122.3	4.1	11.0	9.9
CENTRAL REGION	19.6	385.0	404.6	5.2	10.3	9.8
TATI	13.0	114.5	127.5	17.2	12.2	12.5
TUTUME	2.5	77.5	80.0	8.3	10.6	10.5
FRANCISTOWN REGION	15.5	192.0	207.5	14.1	11.5	11.7
NGAMILAND WEST	1.0	4.8	5.8	10.0	8.0	8.3
NGAMILAND EAST	2.8	9.6	12.4	28.0	9.6	11.3
CHOBE	0.7	0.7	1.4	7.0	7.0	7.0
MAUN REGION	4.5	15.1	19.6	15.0	8.9	9.8
GHANZI	0.0	1.0	1.0	0.0	5.0	5.0
KGALAGADI	0.0	1.5	1.5	0.0	15.0	15.0
WESTERN REGION	0.0	2.5	2.5	0.0	8.3	8.3
TOTAL TRADITIONAL	187.8	849.1	1036.9	5.3	10.2	8.9

TABLE- 100

MAIZE SEED PLANTED : AMOUNT OF SEED PLANTED & AVERAGE SEED PLANTED
PER HECTARE BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS (000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	1.6	0.7	2.3	8.0	7.0	7.7
NGWAKETSE SOUTH	3.8	3.1	6.9	4.8	7.8	5.8
NGWAKETSE NORTH	9.4	26.6	36.0	10.4	11.1	10.9
SOUTHERN REGION	14.8	30.4	45.2	7.8	10.5	9.4
BAMALETE	1.2	17.1	18.3	12.0	10.7	10.8
KWENENG SOUTH	1.1	23.2	24.3	11.0	11.6	11.6
KWENENG NORTH	0.0	17.0	17.0	0.0	10.0	10.0
KGATLENG	3.2	21.3	24.5	6.4	7.9	7.8
GABORONE REGION	5.5	78.6	84.1	7.9	9.8	9.7
MAHALAPYE EAST	1.2	31.8	33.0	12.0	9.6	9.7
MAHALAPYE WEST	0.0	23.9	23.9	0.0	9.6	9.6
PALAPYE	2.5	54.6	57.1	12.5	13.0	13.0
SEROWE	0.8	50.0	50.8	8.0	12.2	12.1
BOBONONG	1.9	64.1	66.0	6.3	10.3	10.2
CENTRAL REGION	6.4	224.4	230.8	9.1	11.1	11.0
TATI	3.0	61.0	64.0	15.0	12.4	12.6
TUTUME	0.7	53.9	54.6	3.5	11.2	10.9
FRANCISTOWN REGION	3.7	114.9	118.6	9.2	11.8	11.7
NGAMILAND WEST	5.8	5.6	11.4	11.6	11.2	11.4
NGAMILAND EAST	7.5	8.9	16.4	15.0	12.7	13.7
CHOBE	2.9	1.0	3.9	14.5	10.0	13.0
MAUN REGION	16.2	15.5	31.7	13.5	11.9	12.7
Ghanzi	0.0	2.5	2.5	0.0	5.0	5.0
KGALAGADI	0.0	1.0	1.0	0.0	10.0	10.0
WESTERN REGION	0.0	3.5	3.5	0.0	5.8	5.8
TOTAL TRADITIONAL	46.6	467.3	513.9	9.5	10.9	10.8

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

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS (000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE SOUTH	0.0	0.0	0.0	0.0	0.0	0.0
NGWAKETSE NORTH	0.0	0.5	0.5	0.0	5.0	5.0
SOUTHERN REGION	0.0	0.5	0.5	0.0	5.0	5.0
BAMALETE	0.0	0.0	0.0	0.0	0.0	0.0
KWENENG SOUTH	0.0	0.5	0.5	0.0	2.5	2.5
KWENENG NORTH	0.0	2.5	2.5	0.0	12.5	12.5
KGATLENG	1.4	11.5	12.9	2.8	6.8	5.9
GABORONE REGION	1.4	14.5	15.9	2.8	6.9	6.1
MAHALAPYE EAST	0.0	1.6	1.6	0.0	16.0	16.0
MAHALAPYE WEST	0.0	0.9	0.9	0.0	9.0	9.0
PALAPYE	0.0	7.2	7.2	0.0	8.0	8.0
SEROME	0.0	3.3	3.3	0.0	4.7	4.7
BOBONONG	0.0	6.8	6.8	0.0	11.3	11.3
CENTRAL REGION	0.0	19.8	19.8	0.0	8.2	8.2
TATI	1.0	40.9	41.9	10.0	11.4	11.3
TUTUME	0.5	33.7	34.2	2.5	12.0	11.4
FRANCISTOWN REGION	1.5	74.6	76.1	5.0	11.7	11.4
NGAMILAND WEST	9.3	3.0	12.3	3.4	5.0	3.7
NGAMILAND EAST	0.0	2.5	2.5	0.0	8.3	8.3
CHOBE	0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	9.3	5.5	14.8	3.4	6.1	4.1
GHAZI	0.0	0.0	0.0	0.0	0.0	0.0
KGALAGADI	0.0	0.0	0.0	0.0	0.0	0.0
WESTERN REGION	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL TRADITIONAL	12.2	114.9	127.1	3.5	9.7	8.3

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

DISTRICTS/ REGIONS	TOTAL SEED PLANTED			AVERAGE SEED PLANTED/HECTARE		
	PURE	MIXED	TOTAL	PURE	MIXED	TOTAL
	- KILOGRAMS (000)			- KILOGRAMS -		
TRADITIONAL						
BAROLONG	1.2	0.0	1.2	6.0	0.0	6.0
NGWAKETSE SOUTH	2.3	0.9	3.2	11.5	9.0	10.7
NGWAKETSE NORTH	1.8	14.3	16.1	6.0	13.0	11.5
SOUTHERN REGION	5.3	15.2	20.5	7.6	12.7	10.8
BAMALETE	0.0	3.9	3.9	0.0	13.0	13.0
KWENENG SOUTH	2.3	9.2	11.5	7.7	13.1	11.5
KWENENG NORTH	0.0	7.7	7.7	0.0	7.7	7.7
KGATLENG	0.0	4.2	4.2	0.0	8.4	8.4
GAEORONE REGION	2.3	25.0	27.3	7.7	10.0	9.8
MAHALAPYE EAST	1.2	13.9	15.1	23.0	13.2	7.6
MAHALAPYE WEST	1.8	14.2	16.0	9.0	8.9	8.9
PALAPYE	0.0	20.0	20.0	0.0	12.5	12.5
SEROWE	2.0	15.7	17.7	10.0	11.2	11.1
BOBONONG	0.5	15.2	15.7	5.0	9.5	9.2
CENTRAL REGION	5.5	79.0	84.5	9.2	9.8	9.7
TATI	1.6	15.3	16.9	16.0	13.9	14.1
TUTUME	0.0	9.1	9.1	0.0	10.1	10.1
FRANCISTOWN REGION	1.6	24.4	26.0	16.0	12.2	12.4
NGAMILAND WEST	0.0	0.3	0.3	0.0	3.0	3.0
NGAMILAND EAST	0.0	1.9	1.9	0.0	19.0	19.0
CHOBE	0.0	0.0	0.0	0.0	0.0	0.0
MAUN REGION	0.0	2.2	2.2	0.0	11.0	11.0
GHANZI	0.0	0.9	0.9	0.0	4.5	4.5
KGALAGADI	0.0	0.5	0.5	0.0	5.0	5.0
WESTERN REGION	0.0	1.4	1.4	0.0	4.7	4.7
TOTAL TRADITIONAL	14.7	147.2	161.9	8.6	10.3	10.1

TABLE-103 MONTH OF FIRST PLOWING/ PLANTING : CROP FARMS BY DISTRICTS AND REGIONS.

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
- NUMBER -							
TRADITIONAL							

BAROLONG			50	300	350		700
NGWAKETSE SOUTH	50		200	400	600	50	1 300
NGWAKETSE NORTH		50	600	1 650	2 000	100	4 400
SOUTHERN REGION	50	50	850	2 350	2 950	150	6 400
BAMALETE		50	650	1 350	50		2 100
KWENENG SOUTH	50	50	100	1 050	2 200	750	4 200
KWENENG NORTH			300	1 150	750	300	2 500
KGATLENG		50	400	2 100	1 950	100	4 600
GABORONE REGION	50	150	1 450	5 650	4 950	1 150	13 400
MAHALAPYE EAST		50	400	1 700	1 050	100	3 300
MAHALAPYE WEST		50	200	650	1 000	500	2 400
PALAPYE		200	550	2 900	1 050	300	5 000
SEROWE			900	1 500	1 750	150	4 300
BOBONONG	150	400	2 300	1 150	800	200	5 000
CENTRAL REGION	150	700	4 350	7 900	5 650	1 250	20 000
TATI	100	750	2 650	1 500	600		5 600
TUTUME	50	150	1 500	1 500	500	400	4 100
FRANCISTOWN REGION	150	900	4 150	3 000	1 100	400	9 700
NGAMILAND WEST	100	50	150	950	1 550	300	3 100
NGAMILAND EAST	50	150	350	1 100	700	150	2 500
CHOBE	100		50	150	100		400
MAUN REGION	250	200	550	2 200	2 350	450	6 000
GHANZI			50	50			100
KGALAGADI			50	50	50	50	200
WESTERN REGION			100	100	50	50	300
TOTAL TRADITIONAL	650	2 000	11 450	21 200	17 050	3 450	55 800

TABLE-104 MONTH OF FIRST PLOWING/PLANTING : CROP FARMS BY DISTRICTS AND REGIONS.

DISTRICTS/ REGIONS	BEFORE OCTOBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	AFTER JANUARY	TOTAL
- PERCENTAGE -							
TRADITIONAL -----							
BAROLONG	0.0	0.0	7.1	42.9	50.0	0.0	100.0
NGWAKETSE SOUTH	3.8	0.0	15.4	30.8	46.2	3.8	100.0
NGWAKETSE NORTH	0.0	1.1	13.6	37.5	45.5	2.3	100.0
SOUTHERN REGION	0.8	0.8	13.3	36.7	46.1	2.3	100.0
BAMALETE	0.0	2.4	30.9	64.3	2.4	0.0	100.0
KWENENG SOUTH	1.2	1.2	2.4	25.0	52.4	17.8	100.0
KWENENG NORTH	0.0	0.0	12.0	46.0	30.0	12.0	100.0
KGATLENG	0.0	1.1	8.7	45.6	42.4	2.2	100.0
GABORONE REGION	0.4	1.1	10.8	42.2	36.9	8.6	100.0
MAHALAPYE EAST	0.0	1.5	12.1	51.5	31.8	3.1	100.0
MAHALAPYE WEST	0.0	2.1	8.3	27.1	41.7	20.8	100.0
PALAPYE	0.0	4.0	11.0	58.0	21.0	6.0	100.0
SEROWE	0.0	0.0	20.9	34.9	40.7	3.5	100.0
BOBONONG	3.0	8.0	46.0	23.0	16.0	4.0	100.0
CENTRAL REGION	0.8	3.5	21.8	39.5	28.2	6.2	100.0
TATI	1.8	13.4	47.3	26.8	10.7	0.0	100.0
TUTUME	1.2	3.6	36.6	36.6	12.2	9.8	100.0
FRANCISTOWN REGION	1.6	9.3	42.8	30.9	11.3	4.1	100.0
NGAMILAND WEST	3.2	1.6	4.8	30.7	50.0	9.7	100.0
NGAMILAND EAST	2.0	6.0	14.0	44.0	28.0	6.0	100.0
CHOBE	25.0	0.0	12.5	37.5	25.0	0.0	100.0
MAUN REGION	4.2	3.3	9.2	36.6	39.2	7.5	100.0
GHANZI	0.0	0.0	50.0	50.0	0.0	0.0	100.0
KGALAGADI	0.0	0.0	25.0	25.0	25.0	25.0	100.0
WESTERN REGION	0.0	0.0	33.3	33.3	16.7	16.7	100.0
T O T A L	1.2	3.6	20.5	38.0	30.5	6.2	100.0

TABLE- 105 D R A F T P C W E R USED TO P L O U G H F I E L D S : C R O P F A R M S B Y D I S T R I C T S A N D R E G I O N S

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/MULES	TRACTORS	TRACTORS AND ANIMALS	OTHERS	TOTAL
- NUMBER -							
TRADITIONAL -----							
BAROLONG	100	100	50	450			700
NGWAKETSE SOUTH	200	150	50	900			1 300
NGWAKETSE NORTH	2 950	100	300	1 050			4 400
SOUTHERN REGION	3 250	350	400	2 400			6 400
BAMALETE	300	200		1 600			2 100
KWENENG SOUTH	2 900	250		1 000	50		4 200
KWENENG NORTH	1 300		250	950			2 500
KGATLENG	200	700	250	3 450			4 600
GABORONE REGION	4 700	1 150	500	7 000	50		13 400
MAHALAPYE EAST	400	700	200	2 000			3 300
MAHALAPYE WEST	550	300	50	1 450	50		2 400
PALAPYE	2 000	750	250	1 800	100	100	5 000
SEROWE	1 200	150	100	2 800	50		4 300
BOBONONG	500	3 100	550	700	150		5 000
CENTRAL REGION	4 650	5 000	1 150	8 750	350	100	20 000
TATI	3 800	450	650	500	200		5 600
TUTUME	3 300	100	300	250	100	50	4 100
FRANCISTOWN REGION	7 100	550	950	750	300	50	9 700
NGAMILAND WEST	3 000	50				50	3 100
NGAMILAND EAST	1 600	550		100		250	2 500
CHOBE	300		50			50	400
MAUM REGION	4 900	600	50	100		350	6 000
GHANZI	100						100
KGALAGADI	100	50				50	200
WESTERN REGION	200	50				50	300
TOTAL TRADITIONAL	24 800	7 700	3 050	19 000	700	550	55 800

TABLE- 106 D R A F T P O W E R USED TO P L O U G H F I E L D S : C R O P F A R M S B Y D I S T R I C T S A N D R E G I O N S

DISTRICTS/ REGIONS	OXEN AND/OR OTHER CATTLE	DONKEYS/ MULES	CATTLE AND DONKEYS/MULES	TRACTORS	TRACTORS AND ANIMALS	OTHERS	TOTAL
- PERCENTAGE -							
TRADITIONAL -----							
BAROLONG	14.3	14.3	7.1	64.3	0.0	0.0	100.0
NGWAKETSE SOUTH	15.4	11.5	3.9	69.2	0.0	0.0	100.0
NGWAKETSE NORTH	67.0	2.3	6.8	23.9	0.0	0.0	100.0
SOUTHERN REGION	50.8	5.5	6.2	37.5	0.0	0.0	100.0
BAMALETE	14.3	9.5	0.0	76.2	0.0	0.0	100.0
KWENENG SOUTH	69.1	5.9	0.0	23.8	1.2	0.0	100.0
KWENENG NORTH	52.0	0.0	10.0	38.0	0.0	0.0	100.0
KGATLENG	4.4	15.2	5.4	75.0	0.0	0.0	100.0
GABORONE REGION	35.1	8.6	3.7	52.2	0.4	0.0	100.0
MAHALAPYE EAST	12.1	21.2	6.1	60.6	0.0	0.0	100.0
MAHALAPYE WEST	22.9	12.5	2.1	60.4	2.1	0.0	100.0
PALAPYE	40.0	15.0	5.0	36.0	2.0	2.0	100.0
SEROME	27.9	3.5	2.3	65.1	1.2	0.0	100.0
BOBONONG	10.0	62.0	11.0	14.0	3.0	0.0	100.0
CENTRAL REGION	23.2	25.0	5.7	43.8	1.8	0.5	100.0
TATI	67.9	8.0	11.6	8.9	3.6	0.0	100.0
TUTUME	80.5	2.5	7.3	6.1	2.4	1.2	100.0
FRANCISTOWN REGION	73.2	5.7	9.8	7.7	3.1	0.5	100.0
NGAMILAND WEST	96.8	1.6	0.0	0.0	0.0	1.6	100.0
NGAMILAND EAST	64.0	22.0	0.0	4.0	0.0	10.0	100.0
CHOBE	75.0	0.0	0.0	12.5	0.0	12.5	100.0
MAUN REGION	81.7	10.0	0.8	1.7	0.0	5.8	100.0
GHAZI	100.0	0.0	0.0	0.0	0.0	0.0	100.0
KGALAGADI	50.0	25.0	0.0	0.0	0.0	25.0	100.0
WESTERN REGION	66.7	16.7	0.0	0.0	0.0	16.6	100.0
TOTAL TRADITIONAL	44.4	13.8	5.5	34.1	1.2	1.0	100.0

TABLE-107 D R A F T-O W N E R S H I P : C R O P F A R M S B Y D I S T R I C T S A N D R E G I O N S

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
- NUMBER -						
TRADITIONAL						

BAROLONG	150	50	400	100		700
NGWAKETSE SOUTH	350	50	800	100		1 300
NGWAKETSE NORTH	1 400	100	1 350	1 250	300	4 400
SOUTHERN REGION	1 900	200	2 550	1 450	300	6 400
BAMALETE	150		1 800	150		2 100
KWENENG SOUTH	1 450	50	1 900	650	150	4 200
KWENENG NORTH	800	150	1 150	150	250	2 500
KGATLENG	1 200	50	2 850	150	350	4 600
GABORONE REGION	3 600	250	7 700	1 100	750	13 400
MAHALAPYE EAST	550	50	2 150	300	250	3 300
MAHALAPYE WEST	700	50	1 450	100	100	2 400
PALAPYE	1 700	50	2 400	450	400	5 000
SEROWE	1 000	100	2 700	300	200	4 300
BOBONONG	2 550	50	1 000	700	700	5 000
TATI	2 150	250	1 150	900	1 150	5 600
TUTUME	2 250	50	800	600	400	4 100
FRANCISTOWN REGION	4 400	300	1 950	1 500	1 550	9 700
NGAMILAND WEST	1 450	100	250	1 200	100	3 100
NGAMILAND EAST	1 600		500	400		2 500
CHOBE	200		50	150		400
MAUN REGION	3 250	100	800	1 750	100	6 000
GHANZI	100					100
KGALAGADI	100		100			200
WESTERN REGION	200		100			300
TOTAL TRADITIONAL	19 850	1 150	22 800	7 650	4 350	55 800

TABLE-108 D R A F T-O W N E R S H I P : C R O P F A R M S B Y D I S T R I C T S A N D R E G I O N S

DISTRICTS/ REGIONS	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
- PERCENTAGE -						
TRADITIONAL -----						
BAROLONG	21.4	7.1	57.2	14.3	0.0	100.0
NGWAKETSE SOUTH	26.9	3.9	61.5	7.7	0.0	100.0
NGWAKETSE NORTH	31.8	2.3	30.7	28.4	6.8	100.0
SOUTHERN REGION	29.7	3.1	39.8	22.7	4.7	100.0
BAMALETE	7.1	0.0	85.8	7.1	0.0	100.0
KWENENG SOUTH	34.5	1.2	45.2	15.5	3.6	100.0
KWENENG NORTH	32.0	6.0	46.0	6.0	10.0	100.0
KGATLENG	26.1	1.1	61.9	3.3	7.6	100.0
GABORONE REGION	26.9	1.9	57.4	8.2	5.6	100.0
MAHALAPYE EAST	16.7	1.5	65.1	9.1	7.6	100.0
MAHALAPYE WEST	29.1	2.1	60.4	4.2	4.2	100.0
PALAPYE	34.0	1.0	48.0	9.0	8.0	100.0
SEROWE	23.3	2.3	62.8	7.0	4.6	100.0
BOBONONG	51.0	1.0	20.0	14.0	14.0	100.0
CENTRAL REGION	32.5	1.5	48.5	9.3	8.2	100.0
TATI	38.4	4.5	20.5	16.1	20.5	100.0
TUTUME	54.9	1.2	19.5	14.6	9.8	100.0
FRANCISTOWN REGION	45.4	3.1	20.1	15.5	15.9	100.0
NGAMILAND WEST	46.8	3.2	8.1	38.7	3.2	100.0
NGAMILAND EAST	64.0	0.0	20.0	16.0	0.0	100.0
CHOBE	50.0	0.0	12.5	37.5	0.0	100.0
MAUN REGION	54.1	1.7	13.3	29.2	1.7	100.0
GHANZI	100.0	0.0	0.0	0.0	0.0	100.0
KGALAGADI	50.0	0.0	50.0	0.0	0.0	100.0
WESTERN REGION	66.7	0.0	33.3	0.0	0.0	100.0
T O T A L	35.6	2.0	40.9	13.7	7.8	100.0

TABLE-109 D R A F T - O W N E R S H I P : C R O P F A R M S B Y T Y P E O F D R A F T .

DRAFT POWER	OWN	MAFISA	HIRED	BORROWED	OTHERS	TOTAL
- NUMBER -						
OXEN AND/OR OTHER CATTLE	12 050	900	4 200	6 150	1 500	24 800
DONKEYS/MULES	5 050	100	1 150	1 150	250	7 700
CATTLE AND DONKEYS/MULES	250	50	350	50	2 350	3 050
TRACTORS	1 750	50	16 900	300		19 000
TRACTORS AND ANIMALS	350	50	50		250	700
OTHERS	400		150			550
T O T A L	19 850	1 150	22 800	7 650	4 350	55 800

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TABLE-110 D R A F T - P O W E R T Y P E : C R O P F A R M S B Y C O M B I N A T I O N U S E D T O P L O U G H F I E L D S .

DRAFT POWER	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
			- NUMBER -		
OXEN AND/OR OTHER CATTLE	24 000	50	300	450	24 800
DONKEYS/MULES	7 600	100			7 700
CATTLE AND DONKEYS/MULES	2 800	250			3 050
TRACTORS	16 150	2 200	600	50	19 000
TRACTORS AND ANIMALS	700				700
OTHERS	100	150	150	150	550
T O T A L	51 350	2 750	1 050	650	55 800

TABLE-111

CATTLE DRAFT POWER BY REGIONS :

	CATTLE DRAFT FARM	POWER TOTAL CATTLE	RATIO OF DRAFT CATTLE TO TOTAL CROP FARMS	RATIO OF DRAFT CATTLE TO TOTAL CATTLE	AVG.SIZE OF CATTLE USED FOR PLOUGHING
	----- (NUMBER) -----		----- PERCENTAGE -----		(NUMBER)
TRADITIONAL -----					
SOUTHERN REGION	3 250	23 900	50.8	9.3	7.4
GABORONE REGION	4 700	31 600	35.1	10.6	6.7
CENTRAL REGION	4 650	31 000	23.3	3.5	6.7
FRANCISTOWN REGI	7 100	33 100	73.2	11.4	4.7
MAUN REGION	4 900	21 200	81.7	7.4	4.3
WESTERN REGION	200	1 200	66.7	1.5	6.0
TOTAL TRADITIONAL	24 800	142 000	44.4	6.8	5.7

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TABLE-112 P L A N T I N G M E T H O D C R O P F A R M S B Y D I S T R I C T S A N D R E G I O N S

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
- NUMBER -					
TRADITIONAL -----					
BAROLONG	150	550			700
NGWAKETSE SOUTH	500	700	100		1 300
NGWAKETSE NORTH	3 700	600	100		4 400
SOUTHERN REGION	4 350	1 850	200		6 400
BARALETE	2 050	50			2 100
KWENENG SOUTH	4 100	100			4 200
KWENENG NORTH	2 450		50		2 500
KGATLENG	4 200	300	100		4 600
GABORONE REGION	12 800	450	150		13 400
MAHALAPYE EAST	3 050	150	100		3 300
MAHALAPYE WEST	2 250	50	50	50	2 400
PALAPYE	4 900		100		5 000
SEROWE	4 200	100			4 300
BOBONONG	4 750	50	200		5 000
CENTRAL REGION	19 150	350	450	50	20 000
TATI	5 450		150		5 600
TUTUME	4 050		50		4 100
FRANCISTOWN REGION	9 500		200		9 700
NGAMILAND WEST	2 450			450	3 100
NGAMILAND EAST	2 250	50	50	150	2 500
CHOBE	350	50			400
MAUN REGION	5 250	100	50	600	6 000
GHANZI	100				100
KGALAGADI	200				200
WESTERN REGION	300				300
T O T A L	51 350	2 750	1 050	650	55 800

TABLE-113 P L A N T I N G M E T H O D CROP FARMS BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	BROADCASTING	ROW PLANTER	BROADCAST & ROW PLANTER	ROW PLANTER BY HAND	TOTAL
- PERCENTAGE -					
TRADITIONAL -----					
BAROLONG	21.4	78.6	0.0	0.0	100.0
NGWAKETSE SOUTH	38.5	53.8	7.7	0.0	100.0
NGWAKETSE NORTH	84.1	13.6	2.3	0.0	100.0
SOUTHERN REGION	68.0	28.9	3.1	0.0	100.0
BAMALETE	97.6	2.4	0.0	0.0	100.0
KWENENG SOUTH	97.6	2.4	0.0	0.0	100.0
KWENENG NORTH	98.0	0.0	2.0	0.0	100.0
KGATLENG	91.3	6.5	2.2	0.0	100.0
GABORONE REGION	95.5	3.4	1.1	0.0	100.0
MAHALAPYE EAST	92.4	4.6	3.0	0.0	100.0
MAHALAPYE WEST	93.7	2.1	2.1	2.1	100.0
PALAPYE	98.0	0.0	2.0	0.0	100.0
SEROWE	97.7	2.3	0.0	0.0	100.0
BOBONONG	95.0	1.0	4.0	0.0	100.0
CENTRAL REGION	95.8	1.8	2.2	0.2	100.0
TATI	97.3	0.0	2.7	0.0	100.0
TUTUME	98.8	0.0	1.2	0.0	100.0
FRANCISTOWN REGION	97.9	0.0	2.1	0.0	100.0
NGAMILAND WEST	85.5	0.0	0.0	14.5	100.0
NGAMILAND EAST	90.0	2.0	2.0	6.0	100.0
CHOBE	87.5	12.5	0.0	0.0	100.0
MAUN REGION	87.5	1.7	0.8	10.0	100.0
GHANZI	100.0	0.0	0.0	0.0	100.0
KGALAGADI	100.0	0.0	0.0	0.0	100.0
WESTERN REGION	100.0	0.0	0.0	0.0	100.0
T O T A L	92.0	4.9	1.9	1.2	100.0

TABLE-114 F A R M E Q U I P M E N T S / M A C H I N E R Y : N U M B E R O F I M P L E M E N T S B Y R E G I O N S

	TRACTOR	HARROW	PLOUGH SINGLE ---- (NUMBER) ----	PLOUGH DOUBLE	PLANTER SINGLE	PLANTER DOUBLE	CULT- -IVATOR	HOE
TRADITIONAL -----								
SOUTHERN REGION	650	500	8 650	2 400	1 400	300	1 100	16 300
GABORONE REGION	2 100	1 200	12 150	3 850	550	500	700	26 700
CENTRAL REGION	1 400	1 300	17 250	1 750	500	600	700	43 500
FRANCISTOWN REGION	250	150	10 450	100	450	200	350	
MAUN REGION	50	50	5 450	100	100		50	14 000
WESTERN REGION	50		500	50	50		50	2 000
TOTAL TRADITIONAL	4 500	3 200	54 450	8 250	3 050	1 600	2 950	124 900
TOTAL COMMERCIAL	600	250	200	400	50	100	200	500
T O T A L	5 100	3 450	54 650	8 650	3 100	1 700	3 150	125 400

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TABLE-115

F A R M E Q U I P M E N T/MACHINERY: NUMBER OF IMPLEMENTS BY REGION

REGIONS	CART	SLEDGE	WAGON	TRUCK	TRAILER	MOWER	WHEEL -BARROW
	- (NUMBER) -						
TRADITIONAL							

SOUTHERN REGION	2 400	1 400	800	150	700		
GABORONE REGION	3 950	2 150	500	950	1 150		6 750
CENTRAL REGION	6 200	3 150	300	2 200	1 950	1 700	8 050
FRANCIATOWN REGION	1 600	2 200	50	300		5 500	350
NAUN REGION	700	2 200	50	300		5 500	350
WESTERN REGION	1 200	200		150	50	50	300
TOTAL TRADITIONAL	16 050	11 300	1 650	4 350	4 000	7 350	25 600
TOTAL COMMERCIAL	250	10	50	500	500	100	800
TOTAL	16 300	11 310	1 700	4 850	4 500	7 450	26 400

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TABLE-116

F A R M E Q U I P M E N T/MACHINERY: NUMBER OF IMPLEMENTS BY REGION

REGIONS	RAKE	THRESHER	SPRAY RACE	SPRAY PUMP (NUMBER) -	DIP-TANK	MAIZE GRINDER	MAIZE SHELLER
TRADITIONAL							
SOUTHERN REGION	6 150	20	50	1 250	170		
GABORONE REGION	9 700	20	180	950	230		
CENTRAL REGION	13 500	180	630	3 350		30	310
FRANCISTOWN REGION	3 400		100	500			
MAUN REGION	2 700		30	50		10	
WESTERN REGION	1 500			50			
TOTAL TRADITIONAL	36 950	220	990	6 150	400	40	310
TOTAL COMMERCIAL	400	100	100	300	100	100	50
TOTAL	37 350	320	1 090	6 450	500	140	350

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TABLE-117

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

REGIONS	-- CROP FARMS TOTAL (NUMBERS)	USING FENCES --- RATIO TO TOTAL CROP FARMS(%)	----- KIND OF FENCE USED ----- BRUSH WIRE BOTH ----- (NUMBER) -----		
TRADITIONAL -----					
SOUTHERN REGION	2 400	37.5	1 650 700 50		
GABORONE REGION	6 300	47.0	4 450 1 800 50		
CENTRAL REGION	13 500	67.5	6 800 6 000 700		
FRANCISTOWN REGI	6 500	67.0	2 900 3 250 350		
MAUN REGION	4 700	78.3	3 800 700 200		
WESTERN REGION	200	66.7	150 50 0		
TOTAL TRADITIONAL	33 600	60.2	19 750 12 500 1 350		

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TABLE-118 F E R T I L I Z E R U S A G E : C R O P F A R M S B Y U S E A N D T Y P E O F F E R T I L I Z E R B Y R E G I O N S

	CHEMICAL	MANURE	BOTH	TOTAL	RATIO OF CROP FARMS USING FERTILIZER TO TOTAL CROP FARMS
		- NUMBER -		NUMBER	PERCENTAGE
<u>TRADITIONAL</u>					
SOUTHERN	150	850	100	1 100	17.2
GABORONE	200	250	50	500	3.7
CENTRAL	100	150		250	1.3
FRACISTOWN	100	1 050	400	1 550	16.0
MAUN	150	50		200	3.3
WESTERN		50		50	16.7
TOTAL TRADITIONAL	700	2 400	550	3 650	6.5
TOTAL COMMERCIAL	80	10	15	105	95.4
T O T A L	780	2 410	565	3 755	6.8

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TABLE-119 W E E D I N G : FARMS WEEDING, RATIO OF FARMS WEEDED TO TOTAL CROP FARMS AND NUMBER OF TIMES FARM WEEDED BY DISTRICTS AND REGIONS

DISTRICTS/ REGIONS	NO. OF TIMES FARM WEEDED			FARMS WEEDED NUMBER	RATIO OF FARMS WEEDED TO CROP FARMS PERCENTAGE
	----- ONCE	TWICE	THRIE OR MORE		
TRADITIONAL -----					
BAROLONG	500			500	71.4
NGWAKETSE SOUTH	900	100		1 000	76.9
NGWAKETSE NORTH	3 050	100		3 150	71.6
SOUTHERN REGION	4 450	200		4 650	72.7
BAMALETE	1 600			1 600	76.2
KWENENG SOUTH	3 300	50		3 350	79.8
KWENENG NORTH	1 650			1 650	66.0
KGATLENG	3 450	50		3 500	76.1
GABORONE REGION	10 000	100		10 100	75.4
MAHALAPYE EAST	2 750	150		2 900	87.9
MAHALAPYE WEST	2 000	150		2 150	89.6
PALAPYE	3 950	250		4 200	84.0
SEROWE	2 700	100	50	2 850	66.3
BOBONONG	4 500	250	100	4 850	97.0
CENTRAL REGION	15 900	900	150	16 950	84.8
TATI	5 350	250		5 600	100.0
TUTUME	3 950	100		4 050	98.8
FRANCISTOWN REGION	9 300	350		9 650	99.5
NGAMILAND WEST	1 900	1 000	200	3 100	100.0
NGAMILAND EAST	1 600	700	200	2 500	100.0
CHOBE	350	50		400	100.0
MAUN REGION	3 850	1 750	400	6 000	100.0
GHANZI	100			100	100.0
KGALAGADI	100			100	50.0
WESTERN REGION	200			200	66.7
TOTAL TRADITIONAL	43 600	3 300	550	47 450	85.0

TABLE-120

DISPOSAL OF FOUR-CROPS PRODUCTION (SORGHUM, MAIZE, MILLET, BEANS & PULSES):
TOTAL PRODUCTION, CONSUMED, STORED AND SALES BY REGIONS

	TOTAL	CONSUMED	PRODUCTION INSTORE ----- (METRIC TONS) -----	SALES
TRADITIONAL				
SOUTHERN REGION	2 300	410	1 610	280
GABORONE REGION	2 845	455	1 400	990
CENTRAL REGION	5 485	1 285	3 620	580
FRANCISTOWN REGION	3 520	985	2 395	140
MAUN REGION	500	115	375	10
WESTERN REGION				
TOTAL TRADITIONAL	14 650	3 250	9 400	2 000

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TABLE-121 L A B O U R : F A M I L Y , H I R E D A N D T O T A L U S E D F O R P L O W I N G / P L A N T I N G B Y D I S T R I C T S & R E G I O N S

DISTRICTS/ REGIONS	FAMILY LABOUR		HIRED LABOUR		TOTAL LABOUR	
	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM	NUMBER	AVERAGE PER CROP FARM
TRADITIONAL -----						
BAROLONG	1 300	1.9	900	1.3	2 200	3.1
NGWAKETSE SOUTH	3 300	2.5	2 100	1.6	5 400	4.2
NGWAKETSE NORTH	12 100	2.8	5 800	1.3	17 900	4.1
SOUTHERN REGION	16 700	2.6	8 800	1.4	25 500	4.1
BAMALETE	4 900	2.3	3 800	1.8	8 700	4.1
KWENENG SOUTH	10 900	2.6	3 700	0.9	14 600	3.5
KWENENG NORTH	7 200	2.9	2 600	1.0	9 800	3.9
KGATLENG	11 400	2.5	4 900	1.1	16 300	3.5
GABORONE REGION	34 400	2.6	15 000	1.1	49 400	3.7
MAHALAPYE EAST	8 600	2.6	4 700	1.4	13 300	4.0
MAHALAPYE WEST	7 300	3.0	4 100	1.7	11 400	4.8
PALAPYE	15 600	3.1	8 000	1.6	23 600	4.7
SEROWE	12 400	2.9	8 200	1.9	20 600	4.8
BOBONONG	14 200	2.8	5 300	1.1	19 500	3.9
CENTRAL REGION	58 100	2.9	30 300	1.5	88 400	4.4
TATI	13 700	2.4	8 100	1.4	21 800	3.9
TUTUME	11 800	2.9	5 200	1.3	17 000	4.1
FRANCISTOWN REGION	25 500	2.6	13 300	1.4	38 800	4.0
NGAMILAND WEST	7 500	2.4	900	0.3	8 400	2.7
NGAMILAND EAST	5 900	2.4	1 500	0.6	7 400	3.0
CHOBE	800	2.0	200	0.5	1 000	2.5
MAUN REGION	14 200	2.4	2 600	0.4	16 800	2.8
GHANZI	200	2.0	100	1.0	300	3.0
KGALAGADI	500	2.5	200	1.0	700	3.5
WESTERN REGION	700	2.3	300	1.0	1 000	3.3
TOTAL TRADITIONAL	149 600	2.7	70 300	1.3	219 900	3.9

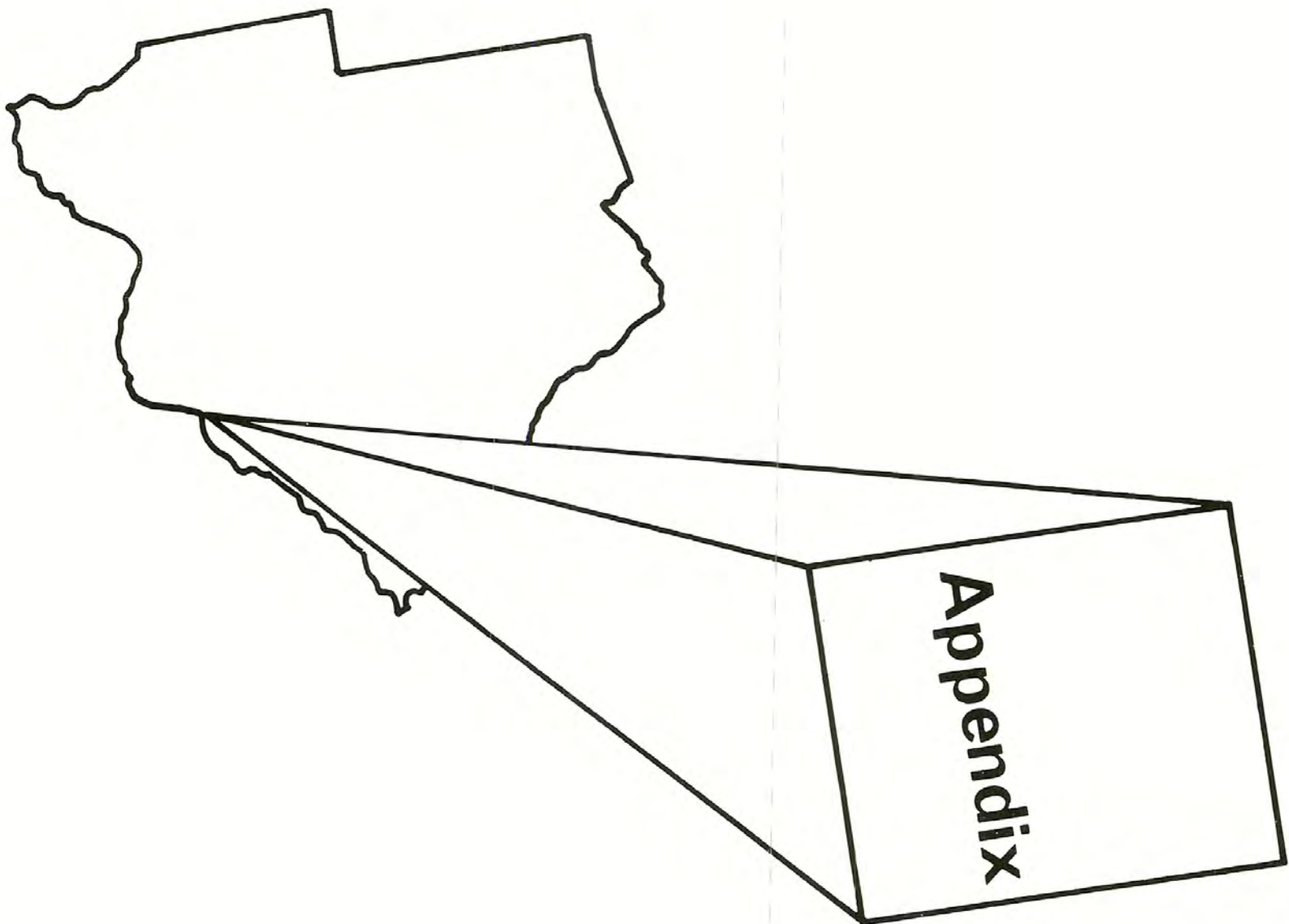


TABLE-A A P P E N D I X -I : FARMS,SEX OF HOLDER,TOTAL LAND AND AREA PLANTED BY SIZE OF CATTLE HOLDING,
TRADITIONAL FARMS

CATTLE SIZE	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED FOUR CROPS	
	NUMBER	PERCENTAGE	MALE	FEMALE	HECTARES (000)	PERCENTAGE	HECTARES (000)	PERCENTAGE
0	27 300	33.9	46.1	53.9	72.5	22.2	42.9	21.7
1 - 10	18 000	22.4	63.3	36.7	67.9	20.8	42.6	21.6
11 - 20	11 200	13.9	77.6	22.4	61.0	18.7	37.1	18.8
21 - 30	6 700	8.3	45.0	55.0	34.3	10.5	20.6	10.4
31 - 40	4 300	5.3	76.0	24.0	22.9	7.0	14.1	7.1
41 - 50	2 700	3.4	73.1	26.9	17.6	5.4	10.2	5.2
51 - 60	2 100	2.6	84.2	15.8	15.3	4.7	8.1	4.1
61 - 100	3 600	4.5	79.3	20.7	15.0	4.6	8.8	4.4
101 - 150	2 100	2.6	81.7	18.3	8.2	2.5	5.0	2.5
151 +	2 500	3.1	70.1	29.9	11.7	3.6	8.2	4.2
TOTAL TRADITIONAL	80 500	100.0	63.8	36.2	326.4	100.0	197.6	100.0

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

CATTLE SIZE	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG. YIELD / HECT. PLANTED	AVG. YIELD / HECT. HARVESTED
	HECTARES (000)	PERCENTAGE	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	16.0	16.6	1 970	13.5	46	123
1 - 10	21.1	21.8	2 470	16.9	58	117
11 - 20	21.9	22.7	2 820	19.3	76	129
21 - 30	11.5	11.9	2 030	13.9	99	177
31 - 40	7.3	7.6	1 460	9.9	104	200
41 - 50	5.5	5.7	900	6.1	88	164
51 - 60	5.3	5.5	1 100	7.5	136	208
61 - 100	2.6	2.7	430	2.9	49	165
101 - 150	1.8	1.8	810	5.5	162	450
151 +	3.6	3.7	660	4.5	80	183
TOTAL TRADITIONAL	96.6	100.0	14 650	100.0	74	152

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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	
	NUMBER	PERCENTAGE	MALE	FEMALE	HECTARES	PERCENTAGE	HECTARES	PERCENTAGE
KILOGRAMS			-	PERCENTAGE	-		(000)	
0	49 400	61.4	62.9	37.1	123.7	37.9	63.2	32.0
1 - 250	17 650	21.9	63.5	36.5	80.6	24.7	54.6	27.6
251 - 500	7 300	9.1	71.0	29.0	48.3	14.8	31.7	16.0
501 - 750	2 450	3.0	55.5	44.5	20.6	6.3	14.3	7.3
751 - 1000	1 000	1.3	76.4	23.6	8.2	2.5	5.7	2.9
1001 - 1500	1 200	1.5	65.1	34.9	10.4	3.2	7.1	3.6
1501 - 2000	250	0.3	71.4	28.6	3.3	1.0	1.6	0.8
2001 - 3000	500	0.6	43.5	56.5	6.5	2.0	4.5	2.3
3001 +	750	0.9	79.6	20.4	24.8	7.6	14.9	7.5
TOTAL TRADITIONAL	80 500	100.0	63.8	36.2	326.4	100.0	197.6	100.0

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

TOTAL PRODUCTION FOUR CROPS	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG. YIELD / HECT. PLANTED	AVG. YIELD / HECT. HARVESTED
KILOGRAMS	HECTARES (000)	PERCENTAGE	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	0.0	0.0		0.0		
1 - 250	33.5	34.7	2 030	13.9	37	61
251 - 500	22.8	23.6	2 640	18.0	83	116
501 - 750	10.8	11.2	1 500	10.2	105	139
751 - 1000	4.8	4.9	870	5.9	153	181
1001 - 1500	5.8	6.0	1 520	10.4	214	262
1501 - 2000	1.4	1.5	420	2.9	263	300
2001 - 3000	4.0	4.1	1 280	8.7	284	320
3001 +	13.5	14.0	4 390	30.0	295	325
TOTAL TRADITIONAL	96.6	100.0	14 650	100.0	74	152

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

AVERAGE YIELD FOUR CROPS KG/HECTARE	FARMS		SEX OF HOLDER		TOTAL LAND		AREA PLANTED	
	NUMBER	PERCENTAGE	MALE	FEMALE	HECTARES	PERCENTAGE	HECTARES	PERCENTAGE
			-	PERCENTAGE	-		(000)	
0	49 400	61.4	62.9	37.1	123.7	37.9	63.2	32.0
1 - 50	6 700	8.3	66.5	33.5	49.9	15.3	33.6	17.0
51 - 100	8 300	10.3	75.8	24.2	56.8	17.4	38.4	19.4
101 - 150	4 600	5.7	55.2	44.8	26.7	8.2	17.2	8.7
151 - 200	3 700	4.6	63.4	36.6	26.1	8.0	15.9	8.0
201 - 250	2 100	2.6	66.9	33.1	11.1	3.4	7.7	3.9
251 - 300	1 100	1.4	49.2	50.8	5.2	1.6	3.7	1.9
301 - 400	2 000	2.5	66.6	33.4	15.0	4.6	9.5	4.8
401 - 500	1 200	1.5	46.7	53.3	5.6	1.7	4.0	2.0
501 - 600	500	0.6	71.6	28.4	3.3	1.0	1.7	0.9
601 +	900	1.1	60.0	40.0	3.0	0.9	2.7	1.4
TOTAL TRADITIONAL	80 500	100.0	63.8	36.2	326.4	100.0	197.6	100.0

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

AVERAGE YIELD FOUR CROPS KG/HECTARE	AREA HARVESTED FOUR CROPS		TOTAL PRODUCTION FOUR CROPS		AVG. YIELD / HECT. PLANTED	AVG. YIELD / HECT. HARVESTED
	HECTARES (000)	PERCENTAGE	METRIC TONS	PERCENTAGE	KILOGRAMS	KILOGRAMS
0	0.0	0.0		0.0		
1 - 50	24.6	25.5	770	5.3	23	31
51 - 100	26.3	27.2	1 870	12.8	49	71
101 - 150	10.8	11.2	1 340	9.2	78	124
151 - 200	12.2	12.6	2 080	14.2	131	170
201 - 250	5.9	6.1	1 320	9.0	171	224
251 - 300	2.8	2.9	780	5.3	211	279
301 - 400	8.1	8.4	2 730	18.6	287	337
401 - 500	2.9	3.0	1 330	9.1	333	459
501 - 600	1.1	1.1	630	4.3	371	573
601 +	1.9	2.0	1 800	12.2	667	947
TOTAL TRADITIONAL	96.6	100.0	14 650	100.0	74	152

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TABLE-

A P P E N D I X - IV : NUMBER OF CROP LAND FARMS COMPARED TO NUMBER OF CATTLE FARMS
CLASSIFIED BY SIZE OF HOLDING

LAND HOLDING	----- CATTLE HOLDING -----										TOTAL	
	-0-	1-10	11-20	21-30	31-40	41-50	51-60	61-100	101-150	151+		
	--- (NUMBER) ---											
0	5 900	7 800	3 800	3 000	1 800	1 500	1 700	1 400	1 100	600	500	17 500
1 - 1.0	3 500	2 900	1 600	1 200	900	400	200	100	50	150	250	5,500
1.1 - 2.0	6 700	4 900	2 800	2 000	1 300	700	500	300	350	300	250	8,100
2.1 - 3.0	5 950	4 600	2 450	2 200	1 050	900	700	300	300	400	300	9,700
3.1 - 4.0	2 250	4 000	2 850	1 300	1 900	600	450	200	200	100	200	9,800
4.1 - 5.0	1 500	2 700	1 600	1 900	1 200	350	350	250	50	300	50	9,200
5.1 - 6.0	750	1 800	1 050	1 800	700	500	100	300	50	150	50	5,400
6.1 - 7.0	300	1 300	350	1 100	650	350	300	100	50	50	200	5,200
7.1 - 8.0	150	500	450	600	450	100	100	150	100	100	50	5,800
8.1 - 9.0	100	500	250	400	300	200	50	100	100	200	50	3,000
9.1 - 10.0	50	1 000	250	200	200	150	100	100	200	50	50	3,400
10.1 - 15.0	100	1 000	250	800	500	450	100	100	100	50	50	5,400
15.1 +	50	1 700	300	250	300	250	100	50		800	2 100	2,900
TOTAL	27 300	18 000	11 200	6 700	4 300	2 700	2 100	3 600	2 100	2 500	80 500	90,100
	34,700	18,000	12,300	7,300	4,100	3,400	2,000	3,800	2,600	1,900		

TABLE- A P P E N D I X - V 2 FARMS, AREA PLANTED, AREA HARVESTED, TOTAL PRODUCTION & AVERAGE YIELD
BY TYPE OF DRAFT POWER USED TO PLOUGH FIELDS

DRAFT	FARMS NUMBERS	AREA PLANTED HECTARES	AREA HARVESTED HECTARES	TOTAL PRODUCTION METRIC TONS	AVG. YIELD / HECTARE KILOGRAMS
			- NUMBER -		
TRADITIONAL -----					
OXEN AND/OR	24 800	68 200	32 500	4 395	135
OTHER CATTLE	7 700	22 700	12 000	2 050	171
DONKEY					
CATTLE AND	3 050	16 200	9 000	1 465	163
DONKEY					
TRACTORS	19 000	92 700	43 800	6 590	150
TRACTORS AND	700	2 800	700	145	207
ANIMALS					
OTHERS	550	400	200	5	25
TOTAL	55 800	203 000	98 200	14 650	149

Mr JOSEPH,

This report is from
Mr Singh. He needs it back,
when you are through with it.
That's the only copy he has
for the 1985 report.

Adrian