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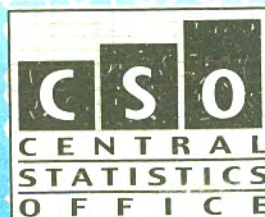


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2002 ANNUAL AGRICULTURAL SURVEY REPORT

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PREFACE

This report presents the 2002 Annual Agricultural Survey results in the series of annual surveys carried out by Agricultural Statistics Unit (ASU) of the Central Statistics Office (CSO). The ASU is attached to the Division of Agricultural Planning & Statistics (DAPS) in the Ministry of Agriculture (MoA). The annual agricultural survey is a continuous program of household surveys administered by CSO. The program is specific to the agricultural sector aimed at establishing trends in agricultural production. The objective of the program is to provide time series data on crop and livestock production, and other relevant statistics pertaining to agriculture. This information is used in formulation, evaluation and review of policies, programs and projects in the agricultural sector.

I am grateful to all those involved, in particular the farming community for their invaluable time and patience during data collection, not forgetting ASU for having worked tirelessly within limited resources to have agricultural statistics released.



A. Majelantle
Government Statistician

February 2004

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TABLE 1.5 TOTAL PRODUCTION BY CROP (METRIC TONNES)

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL
1979	5,000	3,000	1,000	1,000	900	200	11,100	22,200
1980	29,000	12,000	3,000	2,000	1,400	1,400	48,800	97,600
1981	28,000	22,000	2,000	3,000	1,200	2,000	58,200	116,400
1982	4,000	13,000	500	500	7,000	300	19,000	44,300
1983	5,000	9,000	500	300	200	800	15,800	31,600
1984	6,000	500	700	400	400	600	8,600	17,200
1985	15,000	1,500	1,800	400	500	800	20,000	40,000
1986	16,000	3,600	1,300	600	200	200	21,900	43,800
1987	18,000	3,300	400	100	100	100	22,000	44,000
1988	94,000	7,300	3,700	2,300	200	200	107,700	215,400
1989	53,000	20,000	2,000	2,500	200	500	78,200	156,400
1990	38,200	12,000	1,700	2,000	240	540	54,680	109,360
1993	10,797	2,976	1,624	530	113	126	423	16,589
1995	113,547	18,953	19,390	10,181	962	951	12,061	176,045
1996	59,200	24,629	2,508	3,914	39	551	8,376	99,217
1997	13,450	22,647	1,357	4,467	444	1,040	10,133	53,538
1998	3,743	2,344	507	1,198	1,267	121	7,324	16,504
1999	6,658	3,796	860	1,348	2,829	217	8,287	23,995
2001	1,583	4,976	472	1,280	150	147	8,962	17,570
2002	15,805	16,447	54	1,907	2,250	137	7,694	44,294

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

ANALYSIS OF RESULTS

This report presents the 2002 annual agricultural survey results, being the latest report in a series of annual agricultural surveys. Tables 2.2 and 2.3 show summary statistics for 2001 and 2002 annual agricultural surveys for livestock and crops respectively. Comparisons are for 2001 and 2002 agricultural seasons, mostly on the traditional sector.

The 2002 annual agricultural survey results show that the total number of agricultural holdings\ farms in the traditional sector increased by 6.9 percent from 111,245 in 2001 to 118,893 in 2002.

LIVESTOCK

Cattle

Cattle holdings\ farms increased by 17.8 percent from 66,113 in 2001 to 77,871 in 2002, and cattle population increased significantly by 19.3 percent, from 2.5 million to 2.9 million.

Cattle mortality increased from 4.9 percent in 2001 to 5.4 percent in 2002. Cattle birth rate slightly increased from 55.5 percent to 55.9 percent during the same period.

Cattle sales increased slightly by 1.5 percent, from 180,847 in 2001 to 183,560 in 2002. Cattle slaughtered for home consumption increased by 16.2 percent, from 28,018 in 2001 to 32,567 in 2002 while cattle purchases decreased by 19.6 percent, from 19,582 to 15,735 during the same period. Off take rate dropped from 7.7 percent to 6.8 percent between 2001 and 2002 agricultural seasons.

Goats

Total goat holdings\ farms increased by 1.5 percent from 81,316 in 2001 to 82,510 in 2002. However, goat population decreased significantly by 11.4 percent from 1.9 million to 1.7 million during the same period.

Goats' birth rates continued to decrease, that is, from 43.8 percent in 2001 to 42.6 percent in 2002, while death rate increased from 17.7 percent to 26.8 percent during the same period.

Goats' sales increased by 8.5 percent, from 74,374 to 80,710 between 2001 and 2002. Similarly, goats slaughtered for home consumption increased by 7.1 percent, from 74,719 to 80,047 while those purchased increased by 23.7 percent, from 42,478 to 52,554 between the two agricultural seasons. Off take rate increased from 5.7 percent to 6.5 percent during the same period.

Sheep

There was a slight drop in sheep holdings\ farms of 1.0 percent from 23,011 in 2001 to 22,770 in 2002. Sheep population also dropped significantly by 12.7 percent from 306,337 to 267,350 during the same period. Sheep birth rate increased slightly from 33.4 percent to 33.5 percent, and death rate also increased from 14.9 percent to 18.2 percent between 2001 and 2002.

Sheep sales increased by 18.6 percent from 10,912 in 2001 to 12,945 in 2002. Total purchases increased by 26.7 percent from 6,590 to 8,347 while sheep slaughtered for home consumption dropped by 32.5 percent from 12,886 to 8,700 during the same period. Off take rate dropped from 5.6 percent to 5.0 percent between the two agricultural seasons.

Other Livestock

Total number of holdings\ farms for donkeys\ mules, chickens and dogs increased by 6.8, 6.6 and 11.5 percent respectively between 2001 and 2002 while horses and pigs' holdings\ farms dropped by 5.6 and 9.3 percent respectively. Although donkeys\ mules and chickens holdings\ farms increased, their respective populations dropped by 1.2 and 10.2 percent respectively. The horses and pigs populations also dropped by 5.3 and 63.6 percent respectively.

CROPS

Total crop holdings increased significantly by 90.6 percent from 32,353 in 2001 to 61,673 in 2002. Total area planted increased from 94,161 hectares in 2001 to 200,931 hectares in 2002. Total area harvested also increased by 58.2 percent, from 50,129 hectares to 79,318 hectares, and total production increased by 15.4 percent from 17,570 tonnes to 20,284 tonnes during the same period. Yield per hectare planted dropped from 187kg to 101kg.

Sorghum

Sorghum farms increased significantly by 147.4 percent, from 17,631 in 2001 to 43,612 in 2002. Area planted increased by almost two folds, from 23,203 hectares to 65,876 hectares and area harvested increased by over two folds, from 13,409 hectares to 30,804 hectares. Similarly, sorghum production increased significantly by over two folds, from 1,583 metric tonnes to 5,863 metric tonnes. Yield per hectare planted increased from 68kg to 89kg.

Maize

Maize farms increased by over two folds, from 28,455 to 59,104 between 2001 and 2002 agricultural seasons. Similarly, area planted increased by 99.9 percent, from 47,637 hectares to 95,210 hectares while area harvested increased by 40.0 percent, from 24,977 hectares to 34,976 hectares. Maize production increased by 43.6 percent, from 4,976 metric tonnes to 7,147 metric tonnes, while yield per hectare planted dropped from 104kg to 75kg during the same period.

Millet

Millet farms increased by 40.2 percent, from 5,697 to 7,990 between 2001 and 2002. Area planted increased by 4.1 percent from 3,352 hectares to 3,488 hectares while area harvested dropped by 74.0 percent from 1,709 hectares to 444 hectares. Similarly, millet production dropped by 88.6 percent, from 472 metric tonnes to 54 metric tonnes. Yield per hectare planted dropped from 141kg to 15kg during the same period.

Beans/Pulses

There has been an increase of over a fold in pulses crop farms, from 25,093 to 50,466 between 2001 and 2002 crop seasons. Area planted increased by over two folds, from 14,699 hectares to 30,220 hectares, while area harvested increased by 29.7 percent from 8,251 hectares to 10,698 hectares between 2001 and 2002 agricultural seasons. Pulses production increased by 48.5 percent from 1,280 metric tonnes to 1,901 metric tonnes. Yield per hectare planted dropped from 87kg to 63kg during the same period.

Groundnuts and Sunflower

There was an increase of 69.8 percent in groundnuts farms between 2001 and 2002 crop seasons. Area planted for groundnuts increased by 27.5 percent, from 1,464 hectares to 1,866 hectares, while area harvested increased by 14.3 percent from 526 hectares to 601 hectares during the same period. The production of groundnuts dropped by 18.4 percent, from 147 metric tonnes to 120 metric tonnes. Yield per hectare planted also dropped from 100kg to 64kg.

Sunflower production dropped significantly by 91.3 percent, from 150 metric tonnes to 13 metric tonnes. Similarly, area planted dropped by 84.2 percent, from 962 hectares to 152 hectares while area harvested dropped by 93.2 percent, from 734 hectares to 50 hectares. Yield per hectare planted also dropped from 156kg to 86kg during the same period.

TABLE 1.1 LIVESTOCK POPULATION: CATTLE, GOATS, SHEEP, DONKEYS, HORSES, CHICKEN AND PIGS ('000)

YEAR	CATTLE	GOATS	SHEEP	DONKEYS	HORSES	CHICKEN	PIGS
1979	2,840	616	152	127	18	740	6
1980	2,911	638	149	130	22	833	6
1981	2,967	621	140	127	24	1,046	5
1982	2,979	636	140	138	24	1,146	5
1983	2,818	783	165	142	23	961	5
1984	2,685	889	167	139	23	714	7
1985	2,459	1,138	200	146	23	1,020	9
1986	2,332	1,332	229	142	24	1,179	11
1987	2,264	1,470	240	147	24	1,283	11
1988	2,408	1,691	259	150	28	1,810	13
1989	2,543	1,897	286	151	32	2,013	15
1990	2,696	2,092	317	158	34	2,126	16
1993	1,821	1,838	250	231	31	1,077	4
1995	2,530	2,624	337	303	35	3,157	1
1996	2,249	2,205	349	336	5	1,355	3
1997	2,212	2,615	409	404	7	1,191	2
1998	2,345	2,199	393	400	8	776	4
1999	2,581	1,916	369	373	5	874	4
2001	2,468	1,887	306	409	5	928	5
2002	3,060	1,683	273	405	6	866	2

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.1 Trends of Selected Livestock Population

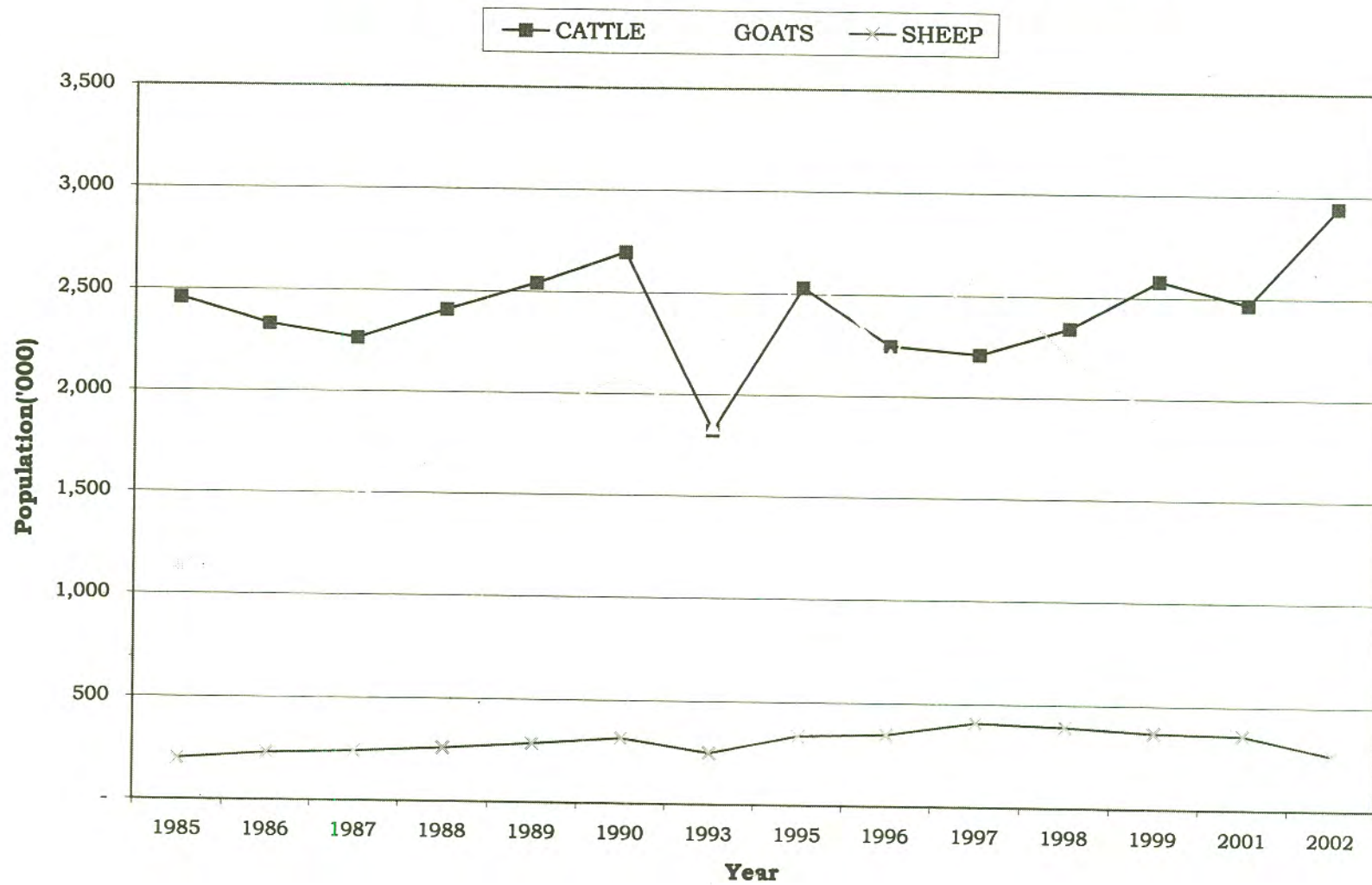


TABLE 1.1 LIVESTOCK POPULATION: CATTLE, GOATS, SHEEP, DONKEYS, HORSES, CHICKEN AND PIGS ('000)

YEAR	CATTLE	GOATS	SHEEP	DONKEYS	HORSES	CHICKEN	PIGS
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1982	2,979	636	140	138	24	1,146	5
1983	2,818	783	165	142	23	961	5
1984	2,685	889	167	139	23	714	7
1985	2,459	1,138	200	146	23	1,020	9
1986	2,332	1,332	229	142	24	1,179	11
1987	2,264	1,470	240	147	24	1,283	11
1988	2,408	1,691	259	150	28	1,810	13
1989	2,543	1,897	286	151	32	2,013	15
1990	2,696	2,092	317	158	34	2,126	16
1993	1,821	1,838	250	231	31	1,077	4
1995	2,530	2,624	337	303	35	3,157	1
1996	2,249	2,205	349	336	5	1,355	3
1997	2,212	2,615	409	404	7	1,191	2
1998	2,345	2,199	393	400	8	776	4
1999	2,581	1,916	369	373	5	874	4
2001	2,468	1,887	306	409	5	928	5
2002	2,944	1,671	267	404	4	833	2

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.2 Cattle: Births Deaths and Offtake Rates

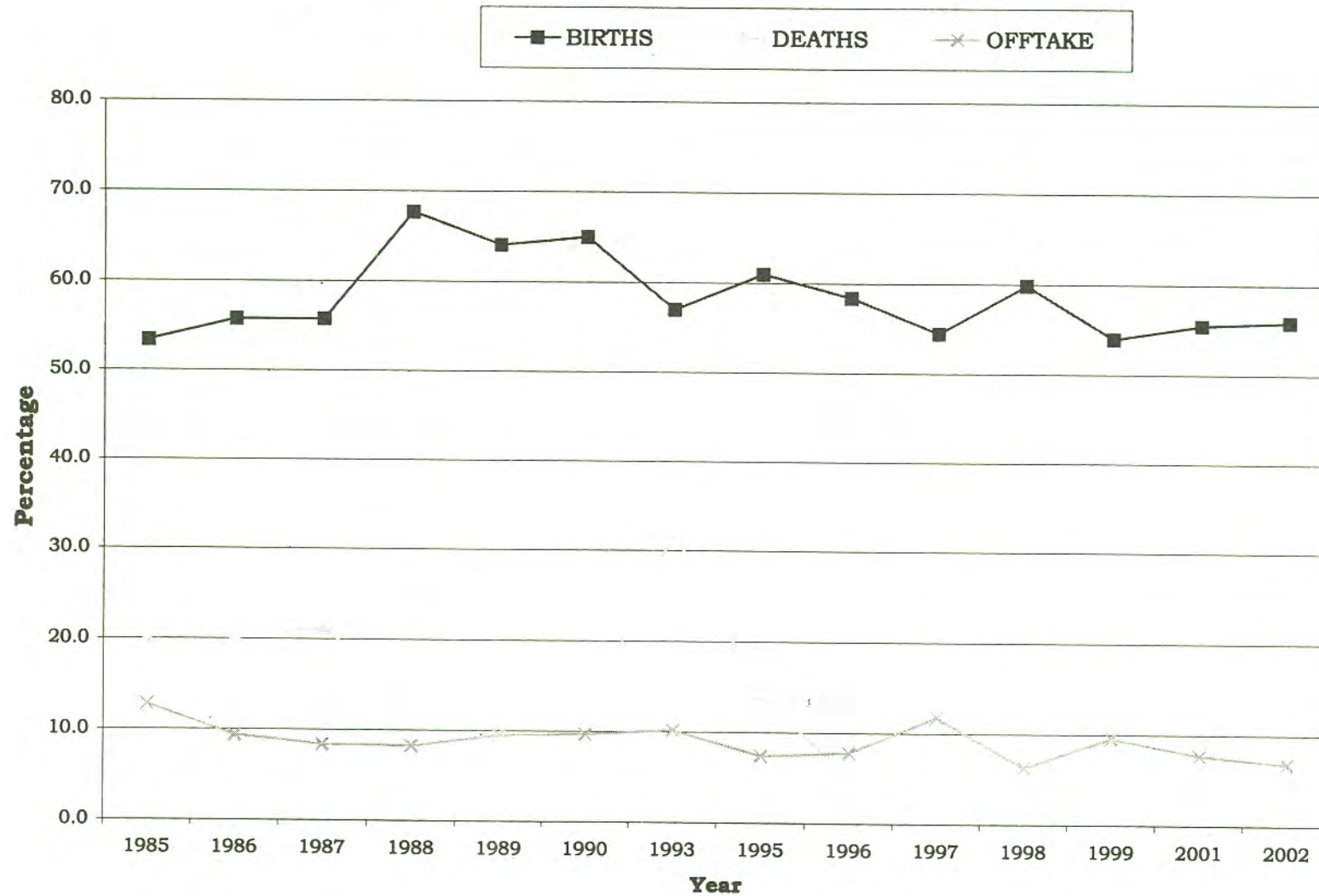


TABLE 1.2 TRADITIONAL SECTOR: LIVESTOCK (CATTLE, GOATS SHEEP): BIRTH RATES, DEATH RATES AND OFFTAKE RATES (in percentages)

YEAR	CATTLE			GOATS			SHEEP		
	BIRTHS	DEATHS	OFFTAKE	BIRTHS	DEATHS	OFFTAKE	BIRTHS	DEATHS	OFFTAKE
1979	59.0	9.8	10.2	70.3	45.3	9.4	50.9	36.1	8.6
1980	59.2	12.4	7.9	84.6	36.7	7.8	65.7	35.4	18.1
1981	57.9	12.2	8.1	80.1	31.4	7.1	57.0	24.0	8.9
1982	59.2	15.2	8.1	79.8	27.5	8.5	66.5	34.6	8.2
1983	51.6	16.1	10.2	94.3	24.8	7.0	68.8	23.6	12.1
1984	52.5	17.8	9.6	85.7	26.9	7.6	65.7	24.4	12.8
1985	53.4	20.1	12.8	87.2	22.1	6.5	66.9	21.0	13.1
1986	55.8	20.3	9.4	86.0	19.5	6.9	68.3	15.2	5.7
1987	55.8	21.2	8.4	81.5	21.9	7.7	64.6	17.2	7.1
1988	67.7	14.1	8.3	87.8	20.8	9.8	65.4	19.6	9.7
1989	64.1	11.8	9.5	82.1	20.4	12.0	73.6	19.4	11.7
1990	65.0	11.5	9.7	76.5	20.6	11.9	78.4	21.8	12.4
1993	57.0	32.0	10.2	95.6	38.4	9.8	76.0	36.4	8.0
1995	61.0	14.3	7.4	43.7	18.6	6.5	35.0	17.2	6.2
1996	58.4	4.9	7.8	43.3	22.7	7.7	32.2	13.8	6.7
1997	54.6	4.3	11.8	42.7	23.6	6.8	32.8	16.6	6.6
1998	59.9	6.1	6.3	46.4	30.6	9.0	37.9	19.5	5.4
1999	54.0	7.9	9.6	45.5	37.4	8.8	41.9	28.3	5.9
2001	55.5	4.9	7.7	43.8	17.7	5.7	33.4	14.9	5.6
2002	55.9	5.4	6.8	42.6	26.8	6.5	33.5	18.2	5.0

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.3 Goats: Births Deaths and Offtake Rates

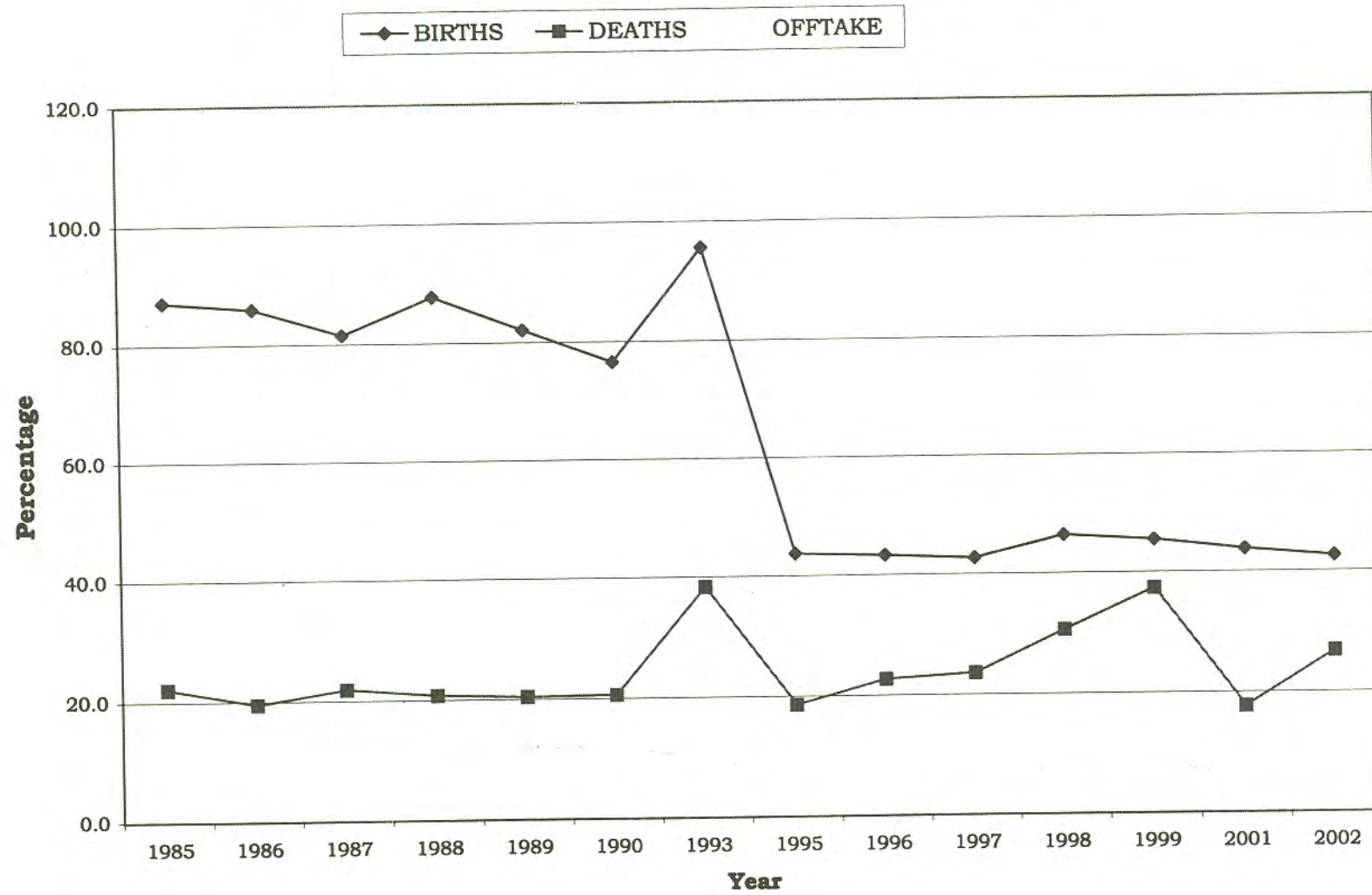


Figure 1.4 Sheep: Births Deaths and Offtake Rates

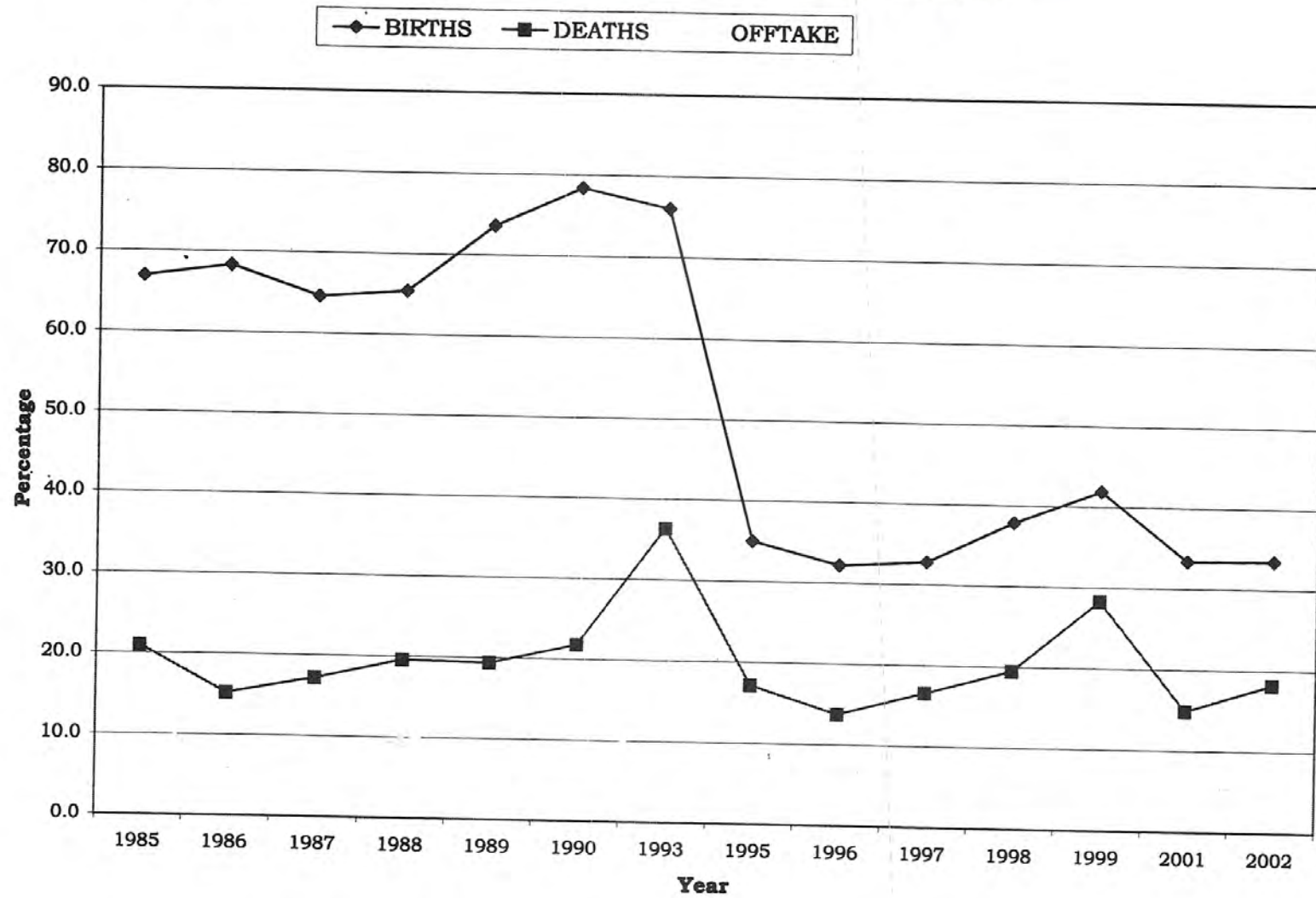


TABLE 1.3 TRADITIONAL : AREA PLANTED BY CROP ('000 HECTARES)

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL
1979	68	52	13	27	6	4	10	180
1980	147	80	17	24	7	5	7	287
1981	141	87	20	26	3	5	8	290
1982	93	64	16	20	2	2	7	204
1983	126	61	17	22	1	1	1	229
1984	114	48	17	17	2	4	1	203
1985	125	49	16	15	3	2	1	211
1986	161	44	18	16	1	2	1	243
1987	210	46	14	16	1	2	1	290
1988	279	54	13	18	1	1	1	367
1989	266	88	20	30	1	2	2	409
1990	206	80	12	20	1	2	3	324
1993	144	85	15	27	3	2	2	278
1995	166	86	11	26	4	1	4	298
1996	191	134	11	36	0	2	5	379
1997	154	117	11	77	1	5	3	368
1998	65	88	9	32	0	11	3	208
1999	114	123	8	38	0	3	3	289
2001	23	48	3	15	1	1	3	94
2002	66	95	3	30	0	2	4	200

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.5 Traditional: Area Planted by Crop

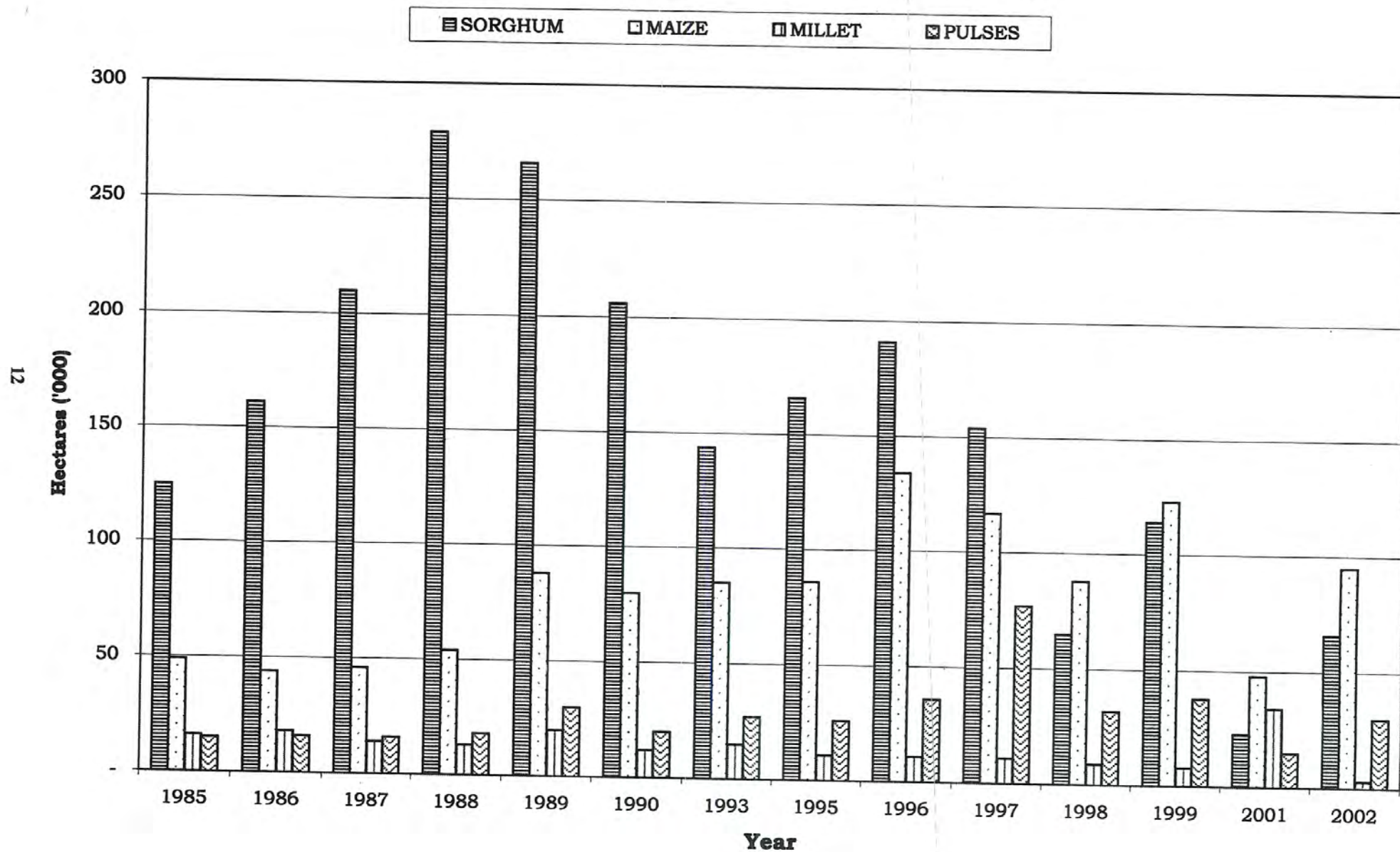


TABLE 1.4 TRADITIONAL : AREA HARVESTED BY CROP ('000 HECTARES)

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL
1979	43	21	8	14	5	2	7	100
1980	131	47	14	13	7	4	3	218
1981	123	59	13	15	3	4	5	222
1982	37	24	4	4	2	1	4	76
1983	35	20	6	3	1	1	1	66
1984	49	3	8	3	1	2	1	67
1985	83	8	10	3	1	1	0	106
1986	97	9	10	5	0	1	1	123
1987	114	5	6	3	0	1	1	130
1988	244	33	9	11	1	1	2	300
1989	201	52	12	17	1	1	1	284
1990	153	41	9	12	1	1	1	217
1993	66	22	11	9	1	1	0	110
1995	106	20	7	10	5	1	3	152
1996	164	100	9	25	0	1	2	301
1997	64	79	8	34	1	4	1	191
1998	27	24	5	13	0	9	0	78
1999	45	34	5	11	0	1	1	97
2001	13	25	2	8	1	1	1	51
2002	31	35	0	11	0	0	2	79

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.6 Traditional: Area Harvested by Crop

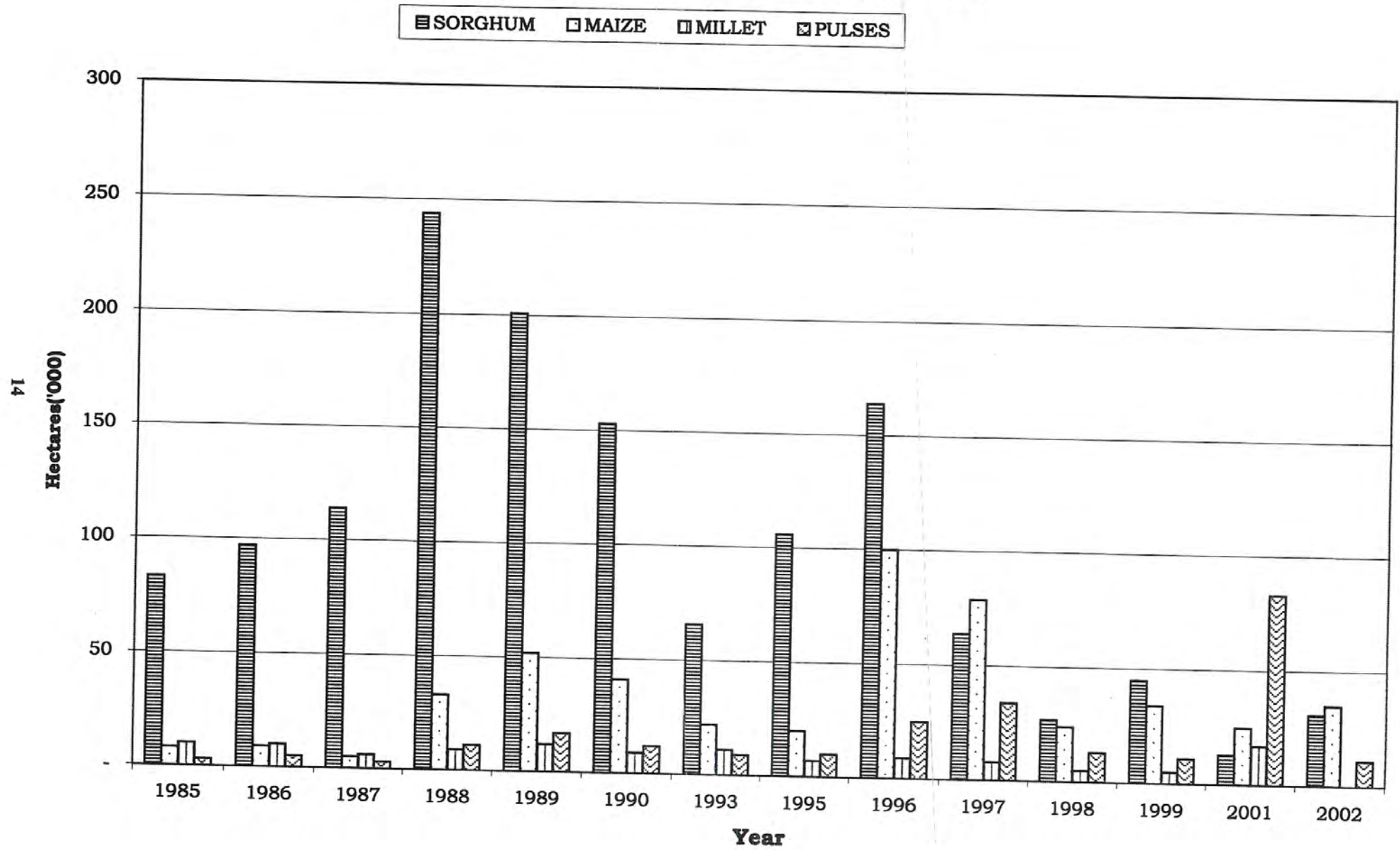


TABLE 1.5 TOTAL PRODUCTION BY CROP (METRIC TONNES)

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS	TOTAL
1979	5,000	3,000	1,000	1,000	900	200	11,100	22,200
1980	29,000	12,000	3,000	2,000	1,400	1,400	48,800	97,600
1981	28,000	22,000	2,000	3,000	1,200	2,000	58,200	116,400
1982	4,000	13,000	500	500	7,000	300	19,000	44,300
1983	5,000	9,000	500	300	200	800	15,800	31,600
1984	6,000	500	700	400	400	600	8,600	17,200
1985	15,000	1,500	1,800	400	500	800	20,000	40,000
1986	16,000	3,600	1,300	600	200	200	21,900	43,800
1987	18,000	3,300	400	100	100	100	22,000	44,000
1988	94,000	7,300	3,700	2,300	200	200	107,700	215,400
1989	53,000	20,000	2,000	2,500	200	500	78,200	156,400
1990	38,200	12,000	1,700	2,000	240	540	54,680	109,360
1993	10,797	2,976	1,624	530	113	126	423	16,589
1995	113,547	18,953	19,390	10,181	962	951	12,061	176,045
1996	59,200	24,629	2,508	3,914	39	551	8,376	99,217
1997	13,450	22,647	1,357	4,467	444	1,040	10,133	53,538
1998	3,560	2,233	507	1,190	7	119	1,755	9,371
1999	5,354	3,752	860	1,346	27	217	4,588	16,144
2001	1,583	4,976	472	1,280	150	147	8,962	17,570
2002	5,863	7,147	0	1,901	0	0	5,186	20,097

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.7 Traditional: Total Production by Crop

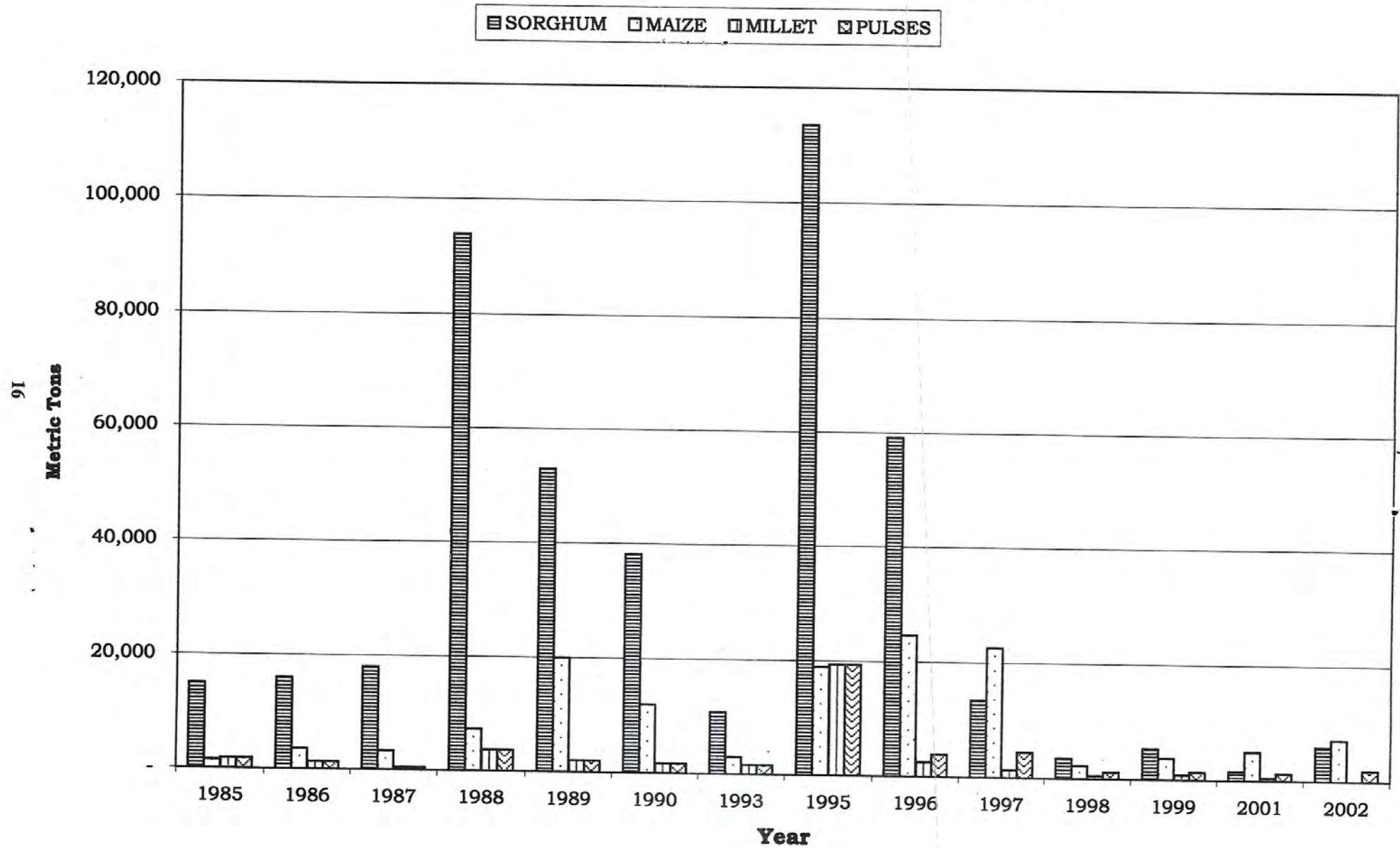


TABLE 1.6 TRADITIONAL SECTOR: YIELD PER HECTARE PLANTED (KG) BY CROP AND YEAR

YEAR	SORGHUM	MAIZE	MILLET	PULSES	SUNFLOWER	GROUNDNUTS	OTHER CROPS
1979	74	58	77	37	150	50	65
1980	197	150	176	83	200	280	174
1981	199	253	100	115	400	400	206
1982	43	203	31	25	350	150	96
1983	40	148	29	14	200	800	69
1984	53	10	41	24	200	150	43
1985	120	31	113	27	167	400	95
1986	99	82	74	33	211	129	90
1987	86	70	26	20	175	33	76
1988	338	141	225	128	200	282	294
1989	199	224	97	83	200	232	191
1990	185	147	135	98	300	257	161
1993	78	36	108	20	51	90	235
1995	685	220	1,708	394	197	856	3,368
1996	310	180	227	109	65	240	649
1997	67	189	129	58	147	193	3,159
1998	55	25	55	38	32	10	649
1999	47	30	109	36	69	73	1,408
2001	68	104	141	87	156	100	3,152
2002	89	75	15	63	86	64	1,259

Figures for 1991 -1992, 1994 not available. 2000 data not yet finalised.

Figure 1.8 Traditional: Crop Yield Per Hectare Planted

SORGHUM
 MAIZE
 MILLET
 PULSES

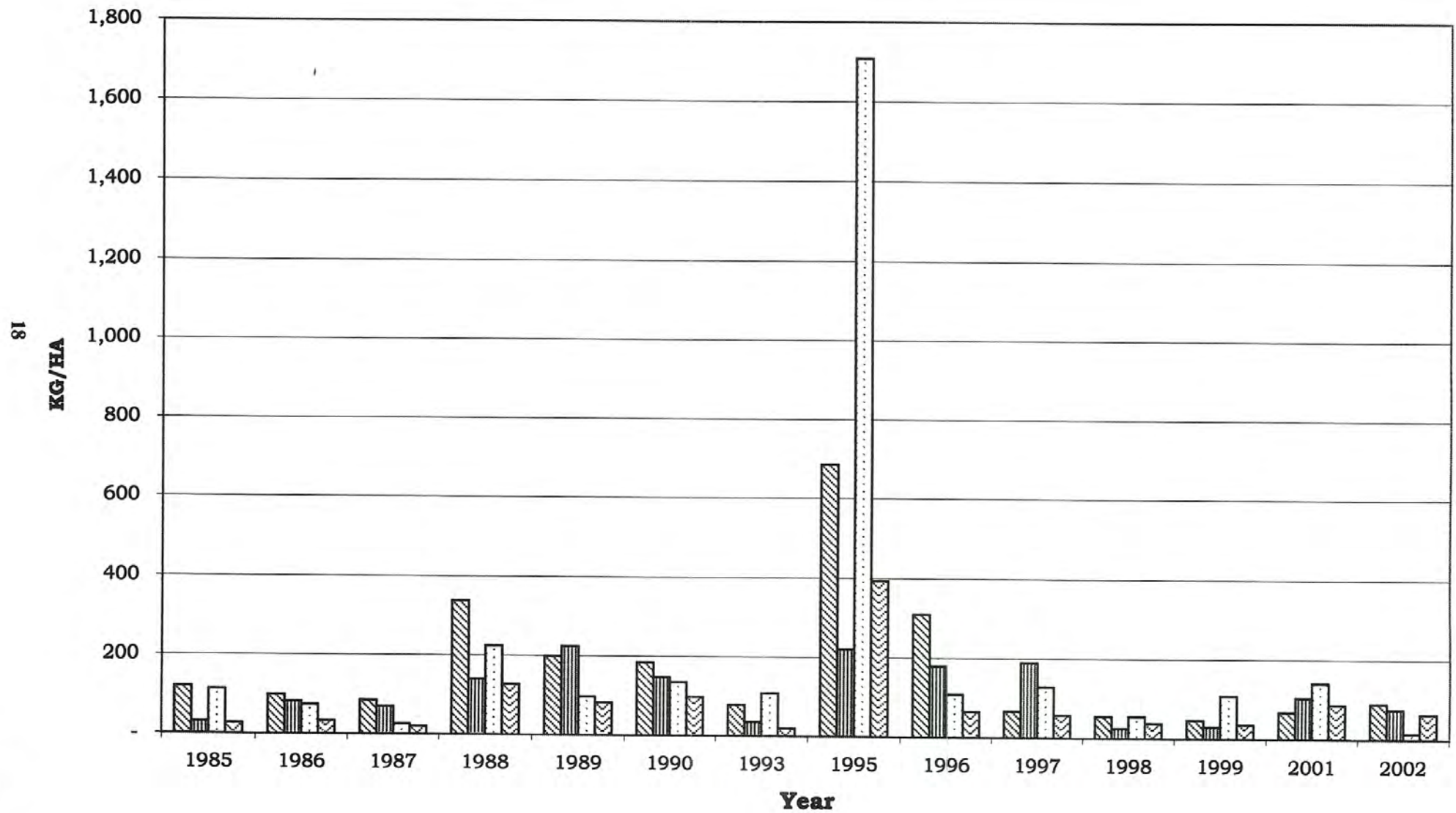


TABLE 2.1 SAMPLED BLOCKS AND NUMBER OF HOLDERS SELECTED BY DISTRICT AND REGION

District/ Region	Total Number of Blocks (FRAME)	Total Number of Selected Blocks	Total Number of Selected Holders	Average Number of Selected Holders Per Selected Block
Barolong	45	5	36	7
Ngwaketse South	118	14	118	8
Ngwaketse North	146	16	108	7
Ngwaketse Central	135	15	116	8
Ngwaketse West	106	15	143	10
SOUTHERN REGION	550	65	521	8
Baete/Tlokweng	109	8	26	3
Kweneng South	233	19	130	7
Kweneng North	182	19	149	8
Kweneng West	115	12	94	8
Kgatleng	186	20	102	5
GABORONE REGION	825	78	501	6
Mahalapye East	156	13	123	9
Mahalapye West	219	16	117	7
Palapye	198	17	131	8
Serowe	272	23	171	7
Bobonong	139	13	103	8
Letlhakane	141	13	154	12
Selebi-Phikwe	107	12	99	8
CENTRAL REGION	1,232	107	898	8
Tati	63	6	58	10
Tutume	219	15	142	9
Tonota	130	11	87	8
FRANCISTWON REGION	412	32	287	9
Ngamiland West	137	14	119	9
Ngamiland East	149	15	129	9
Chobe	31	6	45	8
MAUN REGION	317	35	293	8
Gantsi	52	6	79	13
Hukuntsi	30	6	61	10
Tsabong	53	5	56	11
WESTERN REGION	135	17	196	12
TOTAL TRADITIONAL	3,471	334	2,696	8

TABLE 2.2 SUMMARY OF TRADITIONAL AND COMMERCIAL SECTORS LIVESTOCK STATISTICS

		TRADITIONAL SECTOR		COMMERCIAL	TOTALS (2002)
		2001	2002	SECTOR 2002	
TOTAL HOLDINGS		111,245	118,893	310	119,203
CATTLE:-	TOTAL HOLDINGS	66,113	77,871	270	78,141
	TOTAL CATTLE	2,468,399	2,943,970	116,286	3,060,256
	TOTAL BULLS	42,177	48,631	2,865	51,496
	TOTAL OXEN	136,282	141,157	8,746	149,903
	TOTAL COWS	1,132,018	1,356,892	49,654	1,406,546
	TOTAL TOLLIES	358,272	424,476	15,591	440,067
	TOTAL HEIFERS	242,803	317,050	19,317	336,367
	TOTAL CALVES	556,847	655,764	20,113	675,877
	TOTAL BIRTHS	628,689	758,268	22,733	781,001
	TOTAL DEATHS	120,234	159,238	5,587	164,825
	TOTAL SALES	180,847	183,560	24,523	208,083
	TOTAL HOME SLAUGHTER	28,018	32,567	373	32,940
	TOTAL PURCHASES	19,582	15,735	7,456	23,191
	OFFTAKE	189,283	200,392	17,440	217,832
GOATS:-	TOTAL HOLDINGS	81,316	82,510	155	82,665
	TOTAL GOATS	1,886,588	1,670,663	12,056	1,682,719
	TOTAL MALES ONE YEAR AND OVER	257,360	226,911	2,105	229,016
	TOTAL FEMALES ONE YEAR AND OVER	1,026,243	1,023,131	6,975	1,030,106
	TOTAL MALES UNDER ONE YEAR	283,519	197,369	1,382	198,751
	TOTAL FEMALES UNDER ONE YEAR	319,466	223,252	1,594	224,846
	TOTAL BIRTHS	825,625	712,410	4,630	717,040
	TOTAL DEATHS	334,644	448,518	3,345	451,863
	TOTAL SALES	74,374	80,710	1,317	82,027
	TOTAL HOME SLAUGHTER	74,719	80,047	654	80,701
	TOTAL PURCHASES	42,478	52,554	679	53,233
	OFFTAKE	106,615	108,203	1,292	109,495

TABLE 2.2 SUMMARY OF TRADITIONAL AND COMMERCIAL SECTORS LIVESTOCK STATISTICS (Continued)

		TRADITIONAL SECTOR		COMMERCIAL	TOTALS (2002)
		2001	2002	SECTOR 2002	
SHEEP:-	TOTAL HOLDINGS	23,011	22,770	97	22,867
	TOTAL SHEEP	306,337	267,350	5,264	272,614
	TOTAL MALES ONE YEAR AND OVER	48,103	42,545	1,193	43,738
	TOTAL FEMALES ONE YEAR AND OVER	180,187	163,410	2,838	166,248
	TOTAL MALES UNDER ONE YEAR	37,909	28,292	556	28,848
	TOTAL FEMALES UNDER ONE YEAR	40,138	33,103	677	33,780
	TOTAL BIRTHS	102,314	89,516	1,817	91,333
	TOTAL DEATHS	45,516	48,756	1,114	49,870
	TOTAL SALES	10,912	12,945	608	13,553
	TOTAL HOME SLAUGHTER	12,886	8,700	312	9,012
	TOTAL PURCHASES	6,590	8,347	127	8,474
	OFFTAKE	17,208	13,298	793	14,091
OTHER LIVESTOCK:-	TOTAL DONKEYS/MULES HOLDINGS	54,366	58,077	90	58,167
	TOTAL DONKEYS/MULES	409,320	404,329	985	405,314
	TOTAL HORSE HOLDINGS	1,260	1,189	148	1,337
	TOTAL HORSES	4,667	4,419	1,786	6,205
	TOTAL CHICKEN HOLDINGS	77,559	82,714	124	82,838
	TOTAL CHICKENS	928,238	833,494	32,085	865,579
	TOTAL DOG HOLDINGS	7,486	8,367	172	8,539
	TOTAL DOGS	17,792	19,838	780	20,618
	TOTAL PIG HOLDINGS	548	497	12	509
	TOTAL PIGS	5,347	1,946	118	2,064

TABLE 2.3 SUMMARY OF TRADITIONAL AND COMMERCIAL SECTORS CROP STATISTICS

	TRADITIONAL SECTOR		COMMERCIAL		TOTALS (2002)
	2001	2002	SECTOR	2002	
TOTAL HOLDINGS:-	111,245	118,893		310	119,203
CROP LAND:- TOTAL HOLDINGS WITH LAND	65,617	72,623		-	72,623
TOTAL LAND AREA (HA)	298,978	287,218		-	287,218
TOTAL CROP HOLDINGS	32,353	61,673		37	61,710
TOTAL AREA PLANTED (HA)	94,161	200,931		533,762	734,693
TOTAL AREA HARVESTED (HA)	50,129	79,318		533,702	613,020
TOTAL PRODUCTION (METRIC TONS)	17,570	20,284		24,010	44,294
YIELD PER HECTARE PLANTED (KG)	187	101		45	60
YIELD PER HECTARE HARVESTED (KG)	350	256		45	72
SORGHUM:- TOTAL HOLDINGS	17,631	43,612		10	43,622
TOTAL AREA PLANTED (HA)	23,204	65,876		6,670	72,546
TOTAL AREA HARVESTED (HA)	13,409	30,804		6,670	37,474
TOTAL PRODUCTION (METRIC TONS)	1,583	5,863		9,942	15,805
AVERAGE YIELD PER HECTARE PLANTED (KG)	68	89		1,491	218
AVERAGE YIELD PER HECTARE HARVESTED (KG)	118	190		1,491	422
MAIZE:- TOTAL HOLDINGS	28,455	59,104		13	59,117
TOTAL AREA PLANTED (HA)	47,637	95,210		523,071	618,281
TOTAL AREA HARVESTED (HA)	24,977	34,976		523,055	558,031
TOTAL PRODUCTION (METRIC TONS)	4,976	7,147		9,300	16,447
YIELD PER HECTARE PLANTED (KG)	104	75		18	27
YIELD PER HECTARE HARVESTED (KG)	199	204		18	29
MILLET:- TOTAL HOLDINGS	5,697	7,990		-	7,990
TOTAL AREA PLANTED (HA)	3,352	3,488		-	3,488
TOTAL AREA HARVESTED (HA)	1,709	444		-	444
TOTAL PRODUCTION (METRIC TONS)	472	54		-	54
YIELD PER HECTARE PLANTED (KG)	141	15		-	-
YIELD PER HECTARE HARVESTED (KG)	276	122		-	-

TABLE 2.3 SUMMARY OF TRADITIONAL AND COMMERCIAL SECTORS CROP STATISTICS (Continued)

		TRADITIONAL SECTOR		COMMERCIAL		TOTALS (2002)
		2001	2002	SECTOR	2002	
BEANS/PULSES:-	TOTAL HOLDINGS	25,093	50,466		5	50,471
	TOTAL AREA PLANTED (HA)	14,699	30,220		46	30,266
	TOTAL AREA HARVESTED (HA)	8,251	10,698		31	10,729
	TOTAL PRODUCTION (METRIC TONS)	1,280	1,901		6	1,907
	YIELD PER HECTARE PLANTED (KG)	87	63		130	63
	YIELD PER HECTARE HARVESTED (KG)	155	178		194	178
GROUNDNUTS:-	TOTAL HOLDINGS	4,911	8,340		3	8,343
	TOTAL AREA PLANTED (HA)	1,464	1,866		27	1,893
	TOTAL AREA HARVESTED (HA)	526	601		24	625
	TOTAL PRODUCTION (METRIC TONS)	147	120		17	137
	YIELD PER HECTARE PLANTED (KG)	100	64		630	72
	YIELD PER HECTARE HARVESTED (KG)	279	200		708	219
SUNFLOWER:-	TOTAL HOLDINGS	676	5,010		7	5,017
	TOTAL AREA PLANTED (HA)	962	152		3,240	3,392
	TOTAL AREA HARVESTED (HA)	734	50		3,240	3,290
	TOTAL PRODUCTION (METRIC TONS)	150	13		2,237	2,250
	YIELD PER HECTARE PLANTED (KG)	156	86		690	663
	YIELD PER HECTARE HARVESTED (KG)	204	260		690	684
OTHER CROPS:-	TOTAL HOLDINGS	7,058	19,797		21	19,818
	TOTAL AREA PLANTED (HA)	2,843	4,118		707	4,825
	TOTAL AREA HARVESTED (HA)	523	1,745		681	2,426
	TOTAL PRODUCTION (METRIC TONS)	8,962	5,186		2,508	7,694
	YIELD PER HECTARE PLANTED (KG)	3,152	1,259		3,547	1,595
	YIELD PER HECTARE HARVESTED (KG)	17,136	2,972		3,683	3,171

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

District/Region	Total Holdings	Holdings with Land	Crop Holdings	Cattle Holdings	Goat Holdings	Sheep Holdings
Barolong	2,147	901	275	1,126	1,334	699
Ngwaketse South	4,718	2,615	2,076	2,781	3,439	908
Ngwaketse North	6,239	4,307	3,890	3,893	4,698	1,135
Ngwaketse Central	6,657	3,888	2,612	4,774	5,053	2,309
Ngwaketse West	5,485	4,094	3,377	3,668	3,993	2,057
SOUTHERN REGION	25,246	15,805	12,230	16,242	18,517	7,108
Balete/Tlokweng	122	81	78	99	105	60
Kweneng South	6,957	4,477	3,419	5,070	5,417	1,568
Kweneng North	6,644	5,082	4,724	4,159	4,395	486
Kweneng West	5,543	3,672	3,506	3,340	4,020	916
Kgatleng	4,588	2,299	1,926	3,677	3,048	641
GABORONE REGION	23,854	15,611	13,653	16,345	16,985	3,671
Mahalapye East	4,970	4,157	4,054	2,628	3,684	1,115
Mahalapye West	8,389	2,551	2,163	6,736	5,751	1,912
Palapye	7,648	6,720	6,510	3,953	5,838	452
Serowe	7,207	2,331	2,071	5,518	3,399	680
Bobonong	5,782	4,377	4,046	4,152	4,958	1,973
Letlhakane	4,209	1,360	1,003	2,980	2,814	622
Selebi-Phikwe	3,847	2,177	1,834	2,598	2,997	604
CENTRAL REGION	42,052	23,673	21,681	28,565	29,441	7,358
Tati	1,102	955	825	509	733	192
Tutume	7,068	4,852	4,430	5,120	4,506	1,104
Tonota	3,582	2,929	2,345	850	1,954	669
FRANCISTWON REGION	11,752	8,736	7,600	6,479	7,193	1,965
Ngamiland West	5,363	3,984	3,202	2,846	2,855	586
Ngamiland East	4,228	2,243	1,655	2,756	2,868	930
Chobe	1,380	988	713	884	645	-
MAUN REGION	10,971	7,215	5,570	6,486	6,368	1,516
Gantsi	1,794	746	368	1,346	1,344	302
Hukuntsi	943	439	277	767	716	158
Tsabong	2,281	398	294	1,641	1,946	695
WESTERN REGION	5,018	1,583	939	3,754	4,006	1,155
TOTAL TRADITIONAL	118,893	72,623	61,673	77,871	82,510	22,773

TABLE 3.1 TOTAL NUMBER OF HOLDERS BY SEX, DISTRICT AND REGION

District/ Region	Male		Female		Total Holders
	Number	Percentage	Number	Percentage	
Barolong	976	45.5	1,171	54.5	2,147
Ngwaketse South	2,743	58.1	1,975	41.9	4,718
Ngwaketse North	4,489	72.0	1,750	28.0	6,239
Ngwaketse Central	4,620	69.4	2,037	30.6	6,657
Ngwaketse West	3,954	72.1	1,531	27.9	5,485
SOUTHERN REGION	16,782	66.5	8,464	33.5	25,246
Balete/Tlokweneng	109	89.3	13	10.7	122
Kweneng South	3,605	51.8	3,352	48.2	6,957
Kweneng North	3,526	53.1	3,118	46.9	6,644
Kweneng West	3,021	54.5	2,522	45.5	5,543
Kgatleng	3,464	75.5	1,124	24.5	4,588
GABORONE REGION	13,725	57.5	10,129	42.5	23,854
Mahalapye East	2,926	58.9	2,044	41.1	4,970
Mahalapye West	4,541	54.1	3,848	45.9	8,389
Palapye	4,948	64.7	2,700	35.3	7,648
Serowe	4,336	60.2	2,871	39.8	7,207
Bobonong	4,307	74.5	1,475	25.5	5,782
Letlhakane	2,793	66.4	1,416	33.6	4,209
Selebi-Phikwe	2,670	69.4	1,177	30.6	3,847
CENTRAL REGION	26,521	63.1	15,531	36.9	42,052
Tati	648	58.8	454	41.2	1,102
Tutume	3,970	56.2	3,098	43.8	7,068
Tonota	1,947	54.4	1,635	45.6	3,582
FRANCISTOWN REGION	6,565	55.9	5,187	44.1	11,752
Ngamiland West	2,701	50.4	2,662	49.6	5,363
Ngamiland East	2,359	55.8	1,869	44.2	4,228
Chobe	1,159	84.0	221	16.0	1,380
MAUN REGION	6,219	56.7	4,752	43.3	10,971
Gantsi	1,359	75.8	435	24.2	1,794
Hukuntsi	646	68.5	297	31.5	943
Tsabong	1,667	73.1	614	26.9	2,281
WESTERN REGION	3,672	73.2	1,346	26.8	5,018
TOTAL TRADITIONAL	73,484	62	45,409	38	118,893

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

District/Region	Married	Never Married	Divorced	Widowed	Separated	Living Together	Total Holders
Barolong	727	5	-	785	195	435	2,147
Ngwaketse South	2,295	530	25	1,628	10	230	4,718
Ngwaketse North	3,760	1,036	146	637	72	588	6,239
Ngwaketse Central	3,539	583	-	2,155	-	380	6,657
Ngwaketse West	3,438	905	56	895	-	191	5,485
SOUTHERN REGION	13,759	3,059	227	6,100	277	1,824	25,246
Balete/Tlokwen	101	-	-	18	-	3	122
Kweneng South	3,711	470	-	2,467	-	309	6,957
Kweneng North	3,582	331	121	1,787	14	809	6,644
Kweneng West	2,903	1,166	413	908	8	145	5,543
Kgatlang	2,816	876	69	446	-	381	4,588
GABORONE REGION	13,113	2,843	603	5,626	22	1,647	23,854
Mahalapye East	2,701	772	25	1,066	-	406	4,970
Mahalapye West	2,923	1,168	51	3,143	-	1,104	8,389
Palapye	4,388	721	347	1,282	241	669	7,648
Serowe	3,389	884	20	2,419	-	495	7,207
Bobonong	3,497	960	38	721	46	520	5,782
Letlhakane	2,384	276	125	970	72	382	4,209
Selebi-Phikwe	2,172	238	306	807	79	245	3,847
CENTRAL REGION	21,454	5,019	912	10,408	438	3,821	42,052
Tati	479	182	30	305	61	45	1,102
Tutume	3,570	986	162	2,110	24	216	7,068
Tonota	1,844	363	-	1,305	29	41	3,582
FRANCISTOWN REGION	5,893	1,531	192	3,720	114	302	11,752
Ngamiland West	2,276	1,360	312	562	5	848	5,363
Ngamiland East	1,722	749	205	808	-	744	4,228
Chobe	743	330	34	103	-	170	1,380
MAUN REGION	4,741	2,439	551	1,473	5	1,762	10,971
Gantsi	643	527	41	305	-	278	1,794
Hukuntsi	482	192	1	203	5	60	943
Tsabong	1,078	448	63	445	-	247	2,281
WESTERN REGION	2,203	1,167	105	953	5	585	5,018
TOTAL TRADITIONAL	61,163	16,058	2,590	28,280	861	9,941	118,893

Figure 3.1 Number of Holders By Region and Marital Status

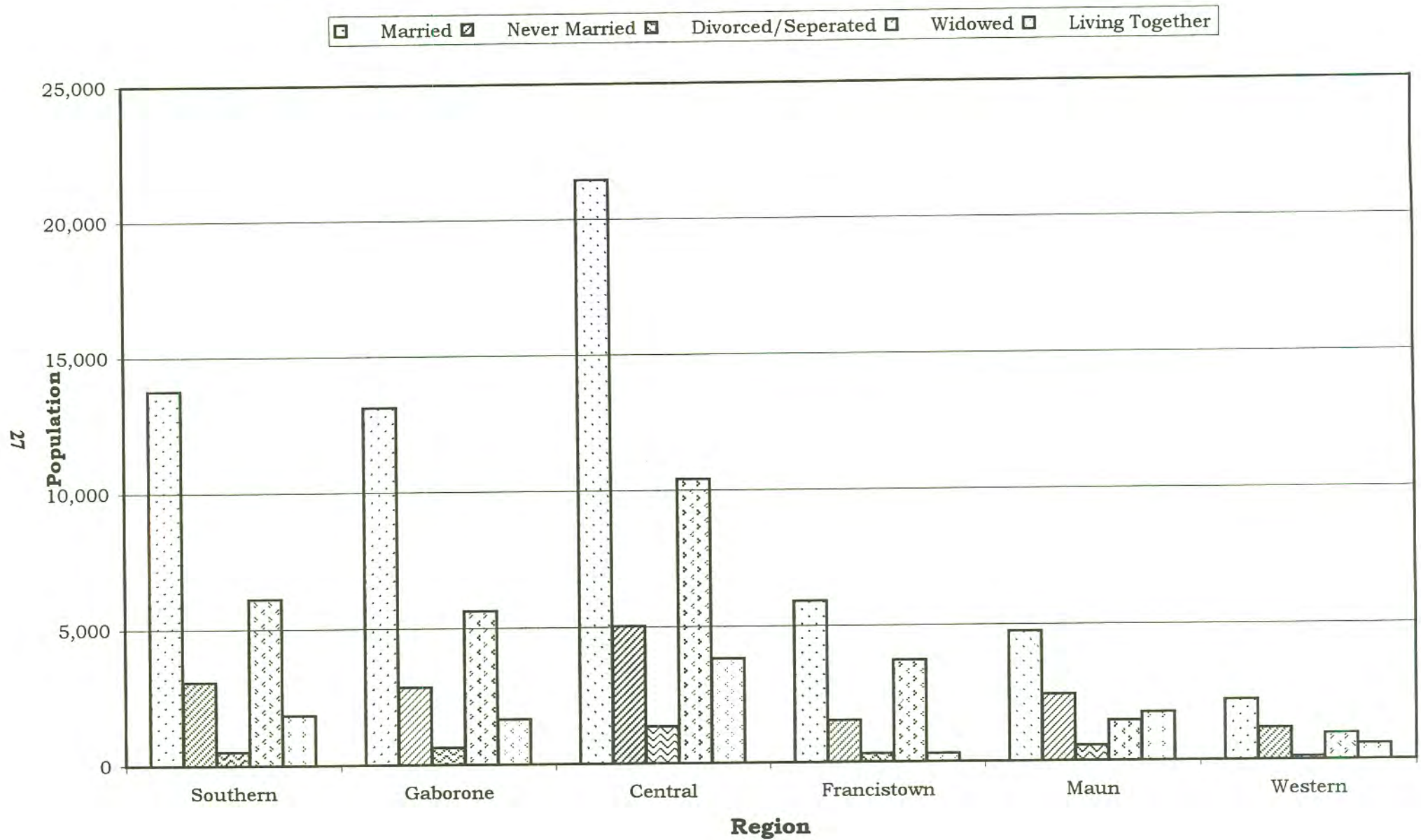


TABLE 3.3 TOTAL NUMBER OF MALE HOLDERS BY MARITAL STATUS, DISTRICT AND REGION

District/Region	Married	Never Married	Divorced	Widowed	Separated	Living Together	Total Holders
Barolong	727	-	-	-	-	249	976
Ngwaketse South	2,021	178	15	331	-	198	2,743
Ngwaketse North	3,587	257	39	119	72	415	4,489
Ngwaketse Central	3,386	201	-	688	-	345	4,620
Ngwaketse West	3,420	125	38	180	-	191	3,954
SOUTHERN REGION	13,141	761	92	1,318	72	1,398	16,782
Balete/Tlokweng	101	-	-	8	-	-	109
Kweneng South	3,432	42	-	69	-	62	3,605
Kweneng North	2,949	88	80	144	-	265	3,526
Kweneng West	2,595	210	25	141	-	50	3,021
Kgatleng	2,803	265	-	62	-	334	3,464
GABORONE REGION	11,880	605	105	424	-	711	13,725
Mahalapye East	2,580	115	-	23	-	208	2,926
Mahalapye West	2,894	462	26	66	-	1,093	4,541
Palapye	4,369	33	3	272	123	148	4,948
Serowe	3,384	477	13	135	-	327	4,336
Bobonong	3,497	46	29	215	-	520	4,307
Letlhakane	2,384	124	5	3	-	277	2,793
Selebi-Phikwe	2,166	67	79	113	-	245	2,670
CENTRAL REGION	21,274	1,324	155	827	123	2,818	26,521
Tati	479	102	-	34	-	33	648
Tutume	3,569	199	6	97	23	76	3,970
Tonota	1,674	199	-	47	-	27	1,947
FRANCISTOWN REGION	5,722	500	6	178	23	136	6,565
Ngamiland West	2,127	134	18	75	-	347	2,701
Ngamiland East	1,707	142	119	44	-	347	2,359
Chobe	743	277	-	7	-	132	1,159
MAUN REGION	4,577	553	137	126	-	826	6,219
Gantsi	643	346	-	113	-	257	1,359
Hukuntsi	477	108	1	-	-	60	646
Tsabong	1,073	195	-	152	-	247	1,667
WESTERN REGION	2,193	649	1	265	-	564	3,672
TOTAL TRADITIONAL	58,787	4,392	496	3,138	218	6,453	73,484

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

District/Region	Married	Never Married	Divorced	Widowed	Separated	Living Together	Total Holders
Barolong	-	5	-	785	195	186	1,171
Ngwaketse South	274	352	10	1,297	10	32	1,975
Ngwaketse North	173	779	107	518	-	173	1,750
Ngwaketse Central	153	382	-	1,467	-	35	2,037
Ngwaketse West	18	780	18	715	-	-	1,531
SOUTHERN REGION	618	2,298	135	4,782	205	426	8,464
Balete/Tlokweneng	-	-	-	10	-	3	13
Kweneng South	279	428	-	2,398	-	247	3,352
Kweneng North	633	243	41	1,643	14	544	3,118
Kweneng West	308	956	388	767	8	95	2,522
Kgatleng	13	611	69	384	-	47	1,124
GABORONE REGION	1,233	2,238	498	5,202	22	936	10,129
Mahalapye East	121	657	25	1,043	-	198	2,044
Mahalapye West	29	706	25	3,077	-	11	3,848
Palapye	19	688	344	1,010	118	521	2,700
Serowe	5	407	7	2,284	-	168	2,871
Bobonong	-	914	9	506	46	-	1,475
Letlhakane	-	152	120	967	72	105	1,416
Selebi-Phikwe	6	171	227	694	79	-	1,177
CENTRAL REGION	180	3,695	757	9,581	315	1,003	15,531
Tati	-	80	30	271	61	12	454
Tutume	1	787	156	2,013	1	140	3,098
Tonota	170	164	-	1,258	29	14	1,635
FRANCISTOWN REGION	171	1,031	186	3,542	91	166	5,187
Ngamiland West	149	1,226	294	487	5	501	2,662
Ngamiland East	15	607	86	764	-	397	1,869
Chobe	-	53	34	96	-	38	221
MAUN REGION	164	1,886	414	1,347	5	936	4,752
Gantsi	-	181	41	192	-	21	435
Hukuntsi	5	84	-	203	5	-	297
Tsabong	5	253	63	293	-	-	614
WESTERN REGION	10	518	104	688	5	21	1,346
TOTAL TRADITIONAL	2,376	11,666	2,094	25,142	643	3,488	45,409

TABLE 3.5 TOTAL NUMBER OF HOLDERS BY AGE GROUP, SEX, DISTRICT AND REGION

District/ Region	12 - 24 Years		25 - 29 Years		30 - 34 Year		35 - 44 Year		45 - 54 Years		55 - 64 Years		65 Years +		Not Stated		Total Holders
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Barolong	-	-	-	-	186	-	64	-	267	195	6	745	461	223	-	-	2,147
Ngwaketse South	-	-	5	-	48	10	641	-	862	380	442	216	732	1,368	14	-	4,718
Ngwaketse North	173	-	94	-	129	-	411	613	978	317	1,124	254	1,579	567	-	-	6,239
Ngwaketse Central	-	-	-	-	10	-	681	15	904	766	1,496	413	1,529	843	-	-	6,657
Ngwaketse West	-	-	13	-	77	-	125	290	1,269	254	1,193	230	1,039	757	238	-	5,485
SOUTHERN REGION	173	-	112	-	450	10	1,922	918	4,280	1,912	4,261	1,858	5,340	3,758	252	-	25,246
Balete/Tlokweng	-	-	-	-	-	-	-	-	7	-	62	6	39	8	-	-	122
Kweneng South	-	-	-	12	42	7	68	34	570	325	1,130	490	1,795	2,484	-	-	6,957
Kweneng North	-	14	17	-	87	186	345	296	812	173	1,043	546	1,223	1,854	-	48	6,644
Kweneng West	-	-	-	173	-	186	570	489	808	449	576	295	1,067	919	-	11	5,543
Kgatleng	-	-	-	-	-	202	321	108	813	90	1,025	489	1,304	236	-	-	4,588
GABORONE REGION	-	14	17	185	129	581	1,304	927	3,010	1,037	3,836	1,826	5,428	5,501	-	59	23,854
Mahalapye East	-	-	-	-	74	12	359	236	1,092	671	560	437	785	677	56	11	4,970
Mahalapye West	-	-	21	12	276	-	784	115	1,765	343	950	503	745	2,863	-	12	8,389
Palapye	-	-	-	-	23	-	686	437	1,206	326	1,405	778	1,616	1,158	13	-	7,648
Serowe	-	-	36	-	71	247	574	163	1,066	52	1,237	838	1,207	1,420	146	150	7,207
Bobonong	-	-	-	-	126	191	1,090	55	1,129	89	710	758	1,210	382	42	-	5,782
Letlhakane	-	-	25	-	-	-	611	80	716	653	524	280	736	402	182	-	4,209
Selebi-Phikwe	-	-	67	-	66	-	762	89	282	301	788	202	691	491	14	94	3,847
CENTRAL REGION	-	-	149	12	636	450	4,866	1,175	7,256	2,435	6,174	3,796	6,990	7,393	453	267	42,052
Tati	-	-	22	-	40	12	80	53	139	88	121	42	205	260	40	-	1,102
Tutume	12	-	76	49	52	-	478	789	827	784	978	279	1,148	1,194	398	4	7,068
Tonota	-	82	94	33	-	15	242	39	342	155	380	193	723	995	165	124	3,582
FRANCISTOWN REGION	12	82	192	82	92	27	800	881	1,308	1,027	1,479	514	2,076	2,449	603	128	11,752
Ngamiland West	-	204	164	169	244	282	387	615	835	544	396	363	625	462	50	23	5,363
Ngamiland East	10	11	15	15	122	275	285	109	635	277	480	735	811	448	-	-	4,228
Chobe	-	-	109	-	83	-	198	65	226	100	333	57	100	-	109	-	1,380
MAUN REGION	10	215	288	184	449	557	870	789	1,696	921	1,209	1,155	1,536	910	159	23	10,971
Gantsi	-	-	11	-	56	-	162	41	262	173	286	65	582	156	-	-	1,794
Hukuntsi	-	-	-	-	1	39	91	-	82	40	254	90	217	129	-	-	943
Tsabong	-	5	-	-	201	-	478	127	389	275	217	142	361	66	20	-	2,281
WESTERN REGION	-	5	11	-	258	39	731	168	733	488	757	297	1,160	351	20	-	5,018
TOTAL TRADITIONAL	195	316	769	463	2,014	1,664	10,493	4,858	18,283	7,820	17,716	9,446	22,530	20,362	1,487	477	118,893

TABLE 3.6 TOTAL NUMBER OF PERSONS LIVING IN HOLDERS DWELLING UNIT BY AGE GROUP, SEX, DISTRICT AND REGION

District/ Region	Under 6 Years	6 - 15 Years	16 - 25 Years	26 - 35 Years	36 - 45 Years	46 - 55 Years	56 - 64 Years	Over 65 Years	Not Stated	Total Number	Per Farm Dwelling Unit
Barolong	2,724	4,152	2,631	1,406	720	351	1,144	1,090	-	14,218	7
Ngwaketse South	2,802	4,722	2,875	1,141	1,800	1,972	429	1,932	16	17,689	4
Ngwaketse North	4,037	5,208	4,085	2,853	1,596	2,333	1,124	2,129	-	23,365	4
Ngwaketse Central	4,561	7,292	6,403	4,258	1,855	3,008	1,101	2,388	-	30,866	5
Ngwaketse West	5,450	3,623	3,950	1,748	2,119	2,170	1,432	1,543	240	22,275	4
SOUTHERN REGION	19,574	24,997	19,944	11,406	8,090	9,834	5,230	9,082	256	108,413	4
Balete/Tlokwen	7	8	71	17	9	65	11	36	-	224	2
Kweneng South	6,172	7,402	5,404	2,409	2,638	1,603	2,324	4,383	486	32,821	5
Kweneng North	4,516	7,937	4,303	2,559	2,198	2,562	2,075	3,004	-	29,154	4
Kweneng West	4,125	4,296	3,172	2,605	2,053	1,486	2,130	2,025	360	22,252	4
Kgatlang	3,493	5,007	4,873	3,084	1,769	1,429	1,479	1,210	-	22,344	5
GABORONE REGION	18,313	24,650	17,823	10,674	8,667	7,145	8,019	10,658	846	106,795	4
Mahalapye East	2,811	4,887	3,418	1,847	1,846	1,546	1,160	1,909	12	19,436	4
Mahalapye West	5,725	7,936	4,467	5,513	2,145	3,163	1,964	1,876	12	32,801	4
Palapye	5,784	9,778	7,197	2,335	3,377	2,395	2,576	3,050	264	36,756	5
Serowe	5,057	8,596	6,562	2,297	2,634	1,368	3,315	3,376	-	33,205	5
Bobonong	4,469	7,922	2,962	2,582	2,609	1,346	1,276	2,784	15	25,965	4
Letlhakane	3,783	5,875	4,549	2,234	1,890	1,544	813	1,157	469	22,314	5
Selebi-Phikwe	2,992	3,946	2,946	1,801	2,140	1,570	609	1,444	-	17,448	5
CENTRAL REGION	30,621	48,940	32,101	18,609	16,641	12,932	11,713	15,596	772	187,925	4
Tati	843	1,917	880	484	323	462	249	698	73	5,929	5
Tutume	4,897	11,289	4,398	2,948	2,493	2,256	1,507	2,546	654	32,988	5
Tonota	2,888	4,361	3,411	2,120	1,370	1,597	333	1,759	965	18,804	5
FRANCISTOWN REGION	8,628	17,567	8,689	5,552	4,186	4,315	2,089	5,003	1,692	57,721	5
Ngamiland West	5,291	9,309	5,092	1,931	1,969	1,641	1,044	1,335	106	27,718	5
Ngamiland East	3,724	4,846	4,874	2,569	2,042	1,464	1,202	1,731	234	22,686	5
Chobe	666	1,572	526	811	315	496	425	163	109	5,083	4
MAUN REGION	9,681	15,727	10,492	5,311	4,326	3,601	2,671	3,229	449	55,487	5
Gantsi	742	1,949	1,316	928	477	471	274	899	-	7,056	4
Hukuntsi	498	1,119	847	332	197	189	326	443	-	3,951	4
Tsabong	1,173	2,165	2,181	1,072	1,027	961	490	439	-	9,508	4
WESTERN REGION	2,413	5,233	4,344	2,332	1,701	1	1,090	1,781	-	20,515	4
TOTAL TRADITIONAL	89,230	137,114	93,393	53,884	43,611	37,828	30,812	45,349	4,015	536,856	5

TABLE 3.7 POPULATION AGED 12 YEARS AND OVER BY SEX, EDUCATIONAL ATTAINMENT, DISTRICT AND REGION

District/ Region	Primary		Secondary		Tertiary		Still at School	
	Male	Female	Male	Female	Male	Female	Male	Female
Barolong	901	1,543	74	1,284	-	-	1,120	1,255
Ngwaketse South	1,344	2,803	251	1,667	-	-	1,627	1,714
Ngwaketse North	1,770	2,360	938	2,153	-	346	2,161	2,026
Ngwaketse Central	1,762	3,945	2,795	4,254	-	61	2,347	2,278
Ngwaketse West	1,543	1,576	1,141	1,557	15	3	684	310
SOUTHERN REGION	7,320	12,227	5,199	10,915	15	410	7,939	7,583
Balete/Tlokweng	28	54	7	48	-	-	8	-
Kweneng South	1,473	2,906	759	3,879	-	-	2,125	2,216
Kweneng North	1,903	2,642	1,154	2,169	41	-	2,007	2,222
Kweneng West	498	1,427	638	1,916	-	-	1,085	676
Kgatleng	1,239	2,369	2,207	2,491	-	-	1,756	1,891
GABORONE REGION	5,141	9,398	4,765	10,503	41	-	6,981	7,005
Mahalapye East	1,079	2,942	786	1,067	73	-	1,896	1,843
Mahalapye West	4,986	4,471	914	1,584	-	75	1,819	1,394
Palapye	3,410	5,932	1,306	2,481	284	78	2,955	3,225
Serowe	2,313	2,651	1,573	2,172	30	74	1,835	2,163
Bobonong	2,190	2,792	1,731	1,962	35	-	1,669	1,428
Letlhakane	1,511	1,874	1,625	2,025	11	108	1,405	1,790
Selebi-Phikwe	1,026	2,990	1,188	1,790	11	-	1,096	1,260
CENTRAL REGION	16,515	23,652	9,123	13,081	444	335	12,675	13,103
Tati	474	826	271	591	-	-	342	436
Tutume	2,917	3,404	823	2,214	-	3	3,061	2,498
Tonota	1,354	2,426	898	1,288	-	-	817	1,379
FRANCISTOWN REGION	4,745	6,656	1,992	4,093	-	3	4,220	4,313
Ngamiland West	1,720	2,127	926	2,081	35	89	2,570	2,002
Ngamiland East	2,711	2,726	1,670	1,752	279	70	1,603	1,975
Chobe	890	951	228	149	83	-	186	294
MAUN REGION	5,321	5,804	2,824	3,982	397	159	4,359	4,271
Gantsi	851	449	661	644	28	10	726	406
Hukuntsi	349	364	237	479	6	6	248	232
Tsabong	821	1,233	1,010	1,144	9	-	631	382
WESTERN REGION	2,021	2,046	1,908	2,267	43	16	1,605	1,020
TOTAL TRADITIONAL	41,063	59,783	25,811	44,841	940	923	37,779	37,295

TABLE 3.8 POPULATION AGED 5 YEARS AND OVER THAT EVER ATTENDED SCHOOL BY SEX, AGE GROUP AND HIGHEST LEVEL COMPLETED

Age Group	Primary			Secondary			Tertiary			Total
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Population
05 - 09	206	32	238	-	-	-	-	-	-	238
10 - 14	2,069	751	2,820	31	47	78	-	-	-	2,898
15 - 19	4,878	2,937	7,815	5,738	8,098	13,836	-	-	-	21,651
20 - 24	5,087	3,265	8,352	9,235	16,546	25,781	120	131	251	34,384
25 - 29	4,150	5,832	9,982	5,219	10,379	15,598	245	26	271	25,851
30 - 34	4,045	6,573	10,618	2,952	4,500	7,452	98	333	431	18,501
35 - 39	4,975	6,951	11,926	683	1,858	2,541	19	89	108	14,575
40 - 44	2,199	6,635	8,834	471	2,027	2,498	43	247	290	11,622
45 - 49	3,735	5,700	9,435	209	689	898	73	3	76	10,409
50 - 54	1,882	5,188	7,070	44	373	417	262	6	268	7,755
55 - 59	2,432	4,100	6,532	324	82	406	34	78	112	7,050
60 - 64	1,418	3,419	4,837	317	5,154	5,471	35	10	45	10,353
65 - 69	1,552	3,427	4,979	86	1	87	-	-	-	5,066
70 - 74	1,320	1,831	3,151	137	-	137	11	-	11	3,299
75 +	1,873	3,292	5,165	364	242	606	-	-	-	5,771
TOTAL	41,821	59,933	101,754	25,810	49,996	75,806	940	923	1,863	179,423

TABLE 3.9 TOTAL NUMBER OF HOLDERS BY TYPE OF HOLDING OPERATED, DISTRICT AND REGION

District/Region	An Individual Living on Site	An Individual Living Elsewhere	Household with Two or More Persons	Total Holders
Barolong	1,946	201	-	2,147
Ngwaketse South	4,054	664	-	4,718
Ngwaketse North	5,754	485	-	6,239
Ngwaketse Central	5,877	780	-	6,657
Ngwaketse West	3,933	1,516	36	5,485
SOUTHERN REGION	21,564	3,646	36	25,246
Balete/Tlokweng	119	3	-	122
Kweneng South	6,545	377	35	6,957
Kweneng North	5,204	1,440	-	6,644
Kweneng West	4,313	1,230	-	5,543
Kgatleng	4,176	412	-	4,588
GABORONE REGION	20,357	3,462	35	23,854
Mahalapye East	4,597	356	17	4,970
Mahalapye West	4,904	3,432	53	8,389
Palapye	5,439	699	1,510	7,648
Serowe	6,216	946	45	7,207
Bobonong	4,300	348	1,134	5,782
Lethakane	3,373	836	-	4,209
Selebi-Phikwe	2,443	447	957	3,847
CENTRAL REGION	31,272	7,064	3,716	42,052
Tati	997	66	39	1,102
Tutume	6,076	786	206	7,068
Tonota	2,959	594	29	3,582
FRANCISTOWN REGION	10,032	1,446	274	11,752
Ngamiland West	5,110	253	-	5,363
Ngamiland East	3,676	521	31	4,228
Chobe	1,257	123	-	1,380
MAUN REGION	10,043	897	31	10,971
Gantsi	1,532	250	12	1,794
Hukuntsi	718	219	6	943
Tsabong	2,074	202	5	2,281
WESTERN REGION	4,324	671	23	5,018
TOTAL TRADITIONAL	97,592	17,186	4,115	118,893

TABLE 3.10 TOTAL NUMBER OF HOLDINGS BY OTHER ECONOMIC ACTIVITIES CURRENTLY UNDERTAKEN BY THE HOLDING, DISTRICT AND REGION

District/ Region	Transport Services	Hiring of Tractor/ Ploughing Services	Hunting/ Trapping	Game/Wildlife Propagation	Fishing	Forestry Planting	Timber/Wood Production	Trading Store Shop/Vendor	Manufacture and Sale of:		Other Goods	Other Activities
									Traditional Beer	Craft-work		
Barolong	-	55	-	-	-	-	-	-	-	-	186	1,887
Ngwaketse South	13	-	-	-	-	-	31	330	-	192	5	4,070
Ngwaketse North	117	-	-	-	-	-	7	260	50	-	-	2,693
Ngwaketse Central	47	10	-	-	-	-	-	277	61	136	-	5,976
Ngwaketse West	80	38	-	-	-	-	-	320	-	204	26	412
SOUTHERN REGION	257	103	-	-	-	-	38	1,187	111	532	217	15,038
Balete/Tlokweng	-	-	-	-	-	-	-	3	-	-	-	8
Kweneng South	18	-	-	-	-	-	-	76	18	560	-	139
Kweneng North	487	-	-	-	-	-	-	366	12	419	48	614
Kweneng West	251	62	-	-	-	-	-	198	-	94	-	214
Kgatleng	-	-	-	-	-	-	-	28	-	13	-	215
GABORONE REGION	756	62	-	-	-	-	-	671	30	1,086	48	1,190
Mahalapye East	29	2	-	-	-	-	-	52	-	443	-	681
Mahalapye West	20	28	-	-	-	-	-	915	-	456	10	428
Palapye	-	42	-	-	-	-	-	362	351	406	250	207
Serowe	4	13	-	-	-	-	-	174	126	511	-	985
Bobonong	-	-	-	-	-	-	-	798	64	784	18	1,142
Letlhakane	5	56	-	-	-	-	-	167	-	146	17	262
Selebi-Phikwe	-	-	-	-	-	-	-	351	2	689	11	259
CENTRAL REGION	58	141	-	-	-	-	-	2,819	543	3,435	306	3,964
Tati	987	66	39	-	-	-	-	40	-	12	-	67
Tutume	6,014	787	206	-	-	-	-	488	-	413	-	277
Tonota	2,651	532	-	-	-	-	-	154	13	139	-	1,208
FRANCISTOWN REGION	9,652	1,385	245	-	-	-	-	682	13	564	-	1,552
Ngamiland West	4,402	252	-	-	381	-	-	168	449	199	116	193
Ngamiland East	2,886	521	20	-	30	-	-	617	-	443	76	44
Chobe	1,172	123	-	-	83	-	-	255	8	4	63	-
MAUN REGION	8,460	896	20	-	494	-	-	1,040	457	646	255	237
Gantsi	-	-	-	-	-	-	-	61	24	86	16	103
Hukuntsi	1	-	-	-	-	-	-	63	-	49	-	13
Tsabong	-	-	-	-	-	-	-	399	-	-	-	90
WESTERN REGION	1	-	-	-	-	-	-	523	24	135	16	206
TOTAL TRADITIONAL	19,184	2,587	265	-	494	-	38	6,922	1,178	6,398	842	22,187

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

District/ Region	YES		NO		Total
	Number	Percentage	Number	Percentage	
Barolong	1,633	1.9	514	0.6	2,147
Ngwaketse South	3,601	4.1	1,117	1.3	4,718
Ngwaketse North	3,901	4.4	2,338	2.7	6,239
Ngwaketse Central	4,838	5.5	1,819	2.1	6,657
Ngwaketse West	4,170	4.7	1,315	1.5	5,485
SOUTHERN REGION	18,143	20.6	7,103	22.9	25,246
Balete/Tlokweng	118	0.1	4	0.0	122
Kweneng South	6,414	7.3	543	0.6	6,957
Kweneng North	5,406	6.2	1,238	1.4	6,644
Kweneng West	4,286	4.9	1,257	1.4	5,543
Kgatleng	3,585	4.1	1,003	1.1	4,588
GABORONE REGION	19,809	22.5	4,045	13.1	23,854
Mahalapye East	4,026	4.6	944	1.1	4,970
Mahalapye West	7,010	8.0	1,379	1.6	8,389
Palapye	5,320	6.1	2,328	2.6	7,648
Serowe	6,127	7.0	1,080	1.2	7,207
Bobonong	2,899	3.3	2,883	3.3	5,782
Letlhakane	2,648	3.0	1,561	1.8	4,209
Selebi-Phikwe	2,502	2.8	1,345	1.5	3,847
CENTRAL REGION	30,532	34.7	11,520	37.2	42,052
Tati	683	0.8	419	0.5	1,102
Tutume	5,195	5.9	1,873	2.1	7,068
Tonota	2,184	2.5	1,398	1.6	3,582
FRANCISTOWN REGION	8,062	9.2	3,690	11.9	11,752
Ngamiland West	3,995	4.5	1,368	1.6	5,363
Ngamiland East	3,342	3.8	886	1.0	4,228
Chobe	842	1.0	538	0.6	1,380
MAUN REGION	8,179	9.3	2,792	9.0	10,971
Gantsi	1,310	1.5	484	0.6	1,794
Hukuntsi	576	0.7	367	0.4	943
Tsabong	1,286	1.5	995	1.1	2,281
WESTERN REGION	3,172	3.6	1,846	6.0	5,018
TOTAL TRADITIONAL	87,897	100.0	30,996	100.0	118,893

TABLE 4.1 CATTLE HOLDINGS AND POPULATION BY DISTRICT AND REGION

District/ Region	Cattle Holdings		Cattle Population		Average Number of Cattle Per Holding
	Number	Percentage	Number	Percentage	
Barolong	1,126	1.4	22,102	0.8	20
Ngwaketse South	2,781	3.6	88,462	3.0	32
Ngwaketse North	3,893	5.0	66,864	2.3	17
Ngwaketse Central	4,774	6.1	101,662	3.5	21
Ngwaketse West	3,668	4.7	113,840	3.9	31
SOUTHERN REGION	16,242	20.9	392,930	13.3	24
Balete/Tlokweng	99	0.1	1,233	0.0	12
Kweneng South	5,070	6.5	75,893	2.6	15
Kweneng North	4,159	5.3	134,645	4.6	32
Kweneng West	3,340	4.3	204,430	6.9	61
Kgatleng	3,677	4.7	88,530	3.0	24
GABORONE REGION	16,345	21.0	504,731	17.1	31
Mahalapye East	2,628	3.4	79,987	2.7	30
Mahalapye West	6,736	8.7	531,979	18.1	79
Palapye	3,953	5.1	87,117	3.0	22
Scrowe	5,518	7.1	215,496	7.3	39
Bobonong	4,152	5.3	143,756	4.9	35
Letlhakane	2,980	3.8	266,675	9.1	89
Selebi-Phikwe	2,598	3.3	99,090	3.4	38
CENTRAL REGION	28,565	36.7	1,424,100	48.4	50
Tati	509	0.7	10,332	0.4	20
Tutume	5,120	6.6	175,178	6.0	34
Tonota	850	1.1	22,823	0.8	27
FRANCISTOWN REGION	6,479	8.3	208,333	7.1	32
Ngamiland West	2,846	3.7	57,846	2.0	20
Ngamiland East	2,756	3.5	93,397	3.2	34
Chobe	884	1.1	25,024	0.9	28
MAUN REGION	6,486	8.3	176,267	6.0	27
Gantsi	1,346	1.7	88,245	3.0	66
Hukuntsi	767	1.0	36,200	1.2	47
Tsabong	1,641	2.1	113,164	3.8	69
WESTERN REGION	3,754	4.8	237,609	8.1	63
TOTAL TRADITIONAL	77,871	100.0	2,943,970	100.0	38

TABLE 4.2 CATTLE HOLDINGS AND POPULATION BY CATTLE HERD SIZE

Cattle Herd Size	Cattle Holdings		Cattle Population		Average Number of Cattle Per Holding
	Number	Percentage	Number	Percentage	
1 - 10	21,556	30.3	127,702	4.3	6
11 - 20	18,338	26.1	276,207	9.4	15
21 - 30	12,662	15.4	325,496	11.1	26
31 - 40	7,628	6.0	272,757	9.3	36
41 - 50	4,115	6.2	184,559	6.3	45
51 - 60	2,420	3.1	134,957	4.6	56
61 - 100	5,131	5.0	403,452	13.7	79
101 - 150	3,146	3.1	361,685	12.3	115
151 - 200	753	2.2	126,651	4.3	168
201 - 250	316	1.5	68,346	2.3	216
251 - 300	204	0.1	56,911	1.9	279
301 - 350	64	0.1	20,252	0.7	316
351 - 400	823	0.4	327,214	11.1	398
401+	715	0.4	257,781	8.8	361
TOTAL TRADITIONAL	77,871	100.0	2,943,970	100.0	38

Figure 4.1 Cattle Herd Size by Sex of Holder

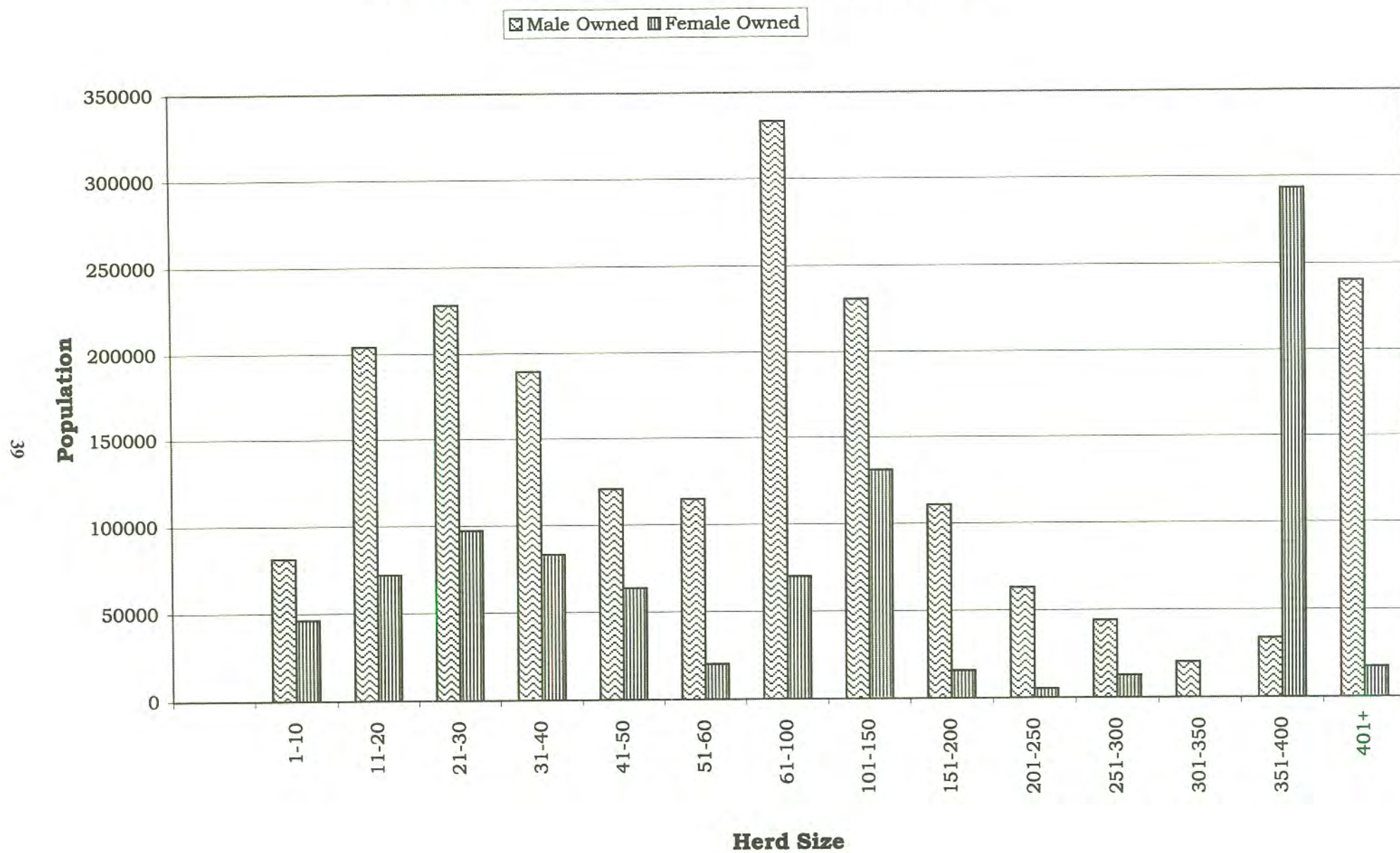


TABLE 4.3 CATTLE HOLDINGS AND POPULATION BY SEX OF HOLDER AND CATTLE HERD SIZE

Cattle Herd Size	Cattle Holdings		Total Holdings	Cattle Population		Total Cattle
	Male Owned	Female Owned		Male Owned	Female Owned	
1 - 10	13,728	7,828	21,556	81,467	46,235	127,702
11 - 20	13,576	4,762	18,338	204,166	72,041	276,207
21 - 30	8,835	3,827	12,662	228,229	97,267	325,496
31 - 40	5,311	2,317	7,628	189,448	83,309	272,757
41 - 50	2,675	1,440	4,115	120,734	63,825	184,559
51 - 60	2,064	356	2,420	114,710	20,247	134,957
61 - 100	4,213	918	5,131	333,273	70,179	403,452
101 - 150	1,906	1,240	3,146	230,675	131,010	361,685
151 - 200	662	91	753	110,865	15,786	126,651
201 - 250	292	24	316	63,164	5,182	68,346
251 - 300	160	44	204	44,165	12,746	56,911
301 - 350	64	-	64	20,252	-	20,252
351 - 400	88	735	823	33,827	293,387	327,214
401+	515	200	715	240,442	17,339	257,781
TOTAL TRADITIONAL	54,089	23,782	77,871	2,015,417	928,553	2,943,970

TABLE 4.4 CATTLE HERD COMPOSITION BY DISTRICT AND REGION

District/Region	Bulls	Oxen	Cows	Tollies	Heifers	Males Calves	Females Calves	Cattle Population
Barolong	218	1,144	10,051	3,862	2,557	2,931	1,339	22,102
Ngwaketse South	1,429	9,481	39,820	9,683	8,196	7,382	12,471	88,462
Ngwaketse North	1,017	5,368	27,943	9,525	8,629	6,636	7,746	66,864
Ngwaketse Central	1,676	9,046	50,344	11,074	9,408	9,424	10,690	101,662
Ngwaketse West	2,189	2,845	51,434	17,015	13,518	12,728	14,111	113,840
SOUTHERN REGION	6,529	27,884	179,592	51,159	42,308	39,101	46,357	392,930
Balete/Tlokweneng	13	148	475	158	105	132	202	1,233
Kweneng South	1,334	3,970	31,244	9,984	9,315	9,786	10,260	75,893
Kweneng North	2,360	8,668	61,247	19,030	13,180	14,932	15,228	134,645
Kweneng West	4,258	13,623	104,412	20,273	16,064	21,685	24,115	204,430
Kgatleng	1,551	5,200	39,385	14,517	10,701	8,590	8,586	88,530
GABORONE REGION	9,516	31,609	236,763	63,962	49,365	55,125	58,391	504,731
Mahalapye East	1,207	2,382	37,973	11,619	8,203	8,434	10,169	79,987
Mahalapye West	7,056	3,773	257,185	74,997	56,972	54,752	77,244	531,979
Palapye	970	4,439	37,209	13,290	9,515	11,756	9,938	87,117
Serowe	3,653	6,777	96,894	33,826	27,922	20,268	26,156	215,496
Bobonong	2,785	8,246	57,957	24,082	19,585	14,115	16,986	143,756
Letlhakane	4,097	14,372	131,293	36,181	28,940	24,647	27,145	266,675
Selebi-Phikwe	1,652	7,083	43,609	16,169	9,381	10,730	10,466	99,090
CENTRAL REGION	21,420	47,072	662,120	210,164	160,518	144,702	178,104	1,424,100
Tati	123	1,149	3,703	1,634	1,156	908	1,659	10,332
Tutume	2,855	10,356	83,579	23,368	17,229	16,777	21,014	175,178
Tonota	236	1,333	10,232	3,778	2,315	2,207	2,722	22,823
FRANCISTOWN REGION	3,214	12,838	97,514	28,780	20,700	19,892	25,395	208,333
Ngamiland West	1,520	4,684	20,896	12,384	8,204	5,086	5,072	57,846
Ngamiland East	2,723	7,902	36,244	16,843	10,378	9,243	10,064	93,397
Chobe	456	2,111	11,563	3,316	1,900	3,241	2,437	25,024
MAUN REGION	4,699	14,697	68,703	32,543	20,482	17,570	17,573	176,267
Gantsi	1,510	1,893	40,301	13,633	9,147	9,801	11,960	88,245
Hukuntsi	486	1,074	17,265	6,262	4,185	3,280	3,648	36,200
Tsabong	1,257	4,090	54,634	17,973	10,345	11,059	13,806	113,164
WESTERN REGION	3,253	7,057	112,200	37,868	23,677	24,140	29,414	237,609
TOTAL TRADITIONAL	48,631	141,157	1,356,892	424,476	317,050	300,530	355,234	2,943,970

TABLE 4.7 CATTLE: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY CATTLE HERD SIZE

Cattle Herd Size	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
1 - 10	38,248	20,656	6,795	4,097	2,219	8,673
11 - 20	82,277	21,527	15,344	5,711	4,625	16,430
21 - 30	85,960	17,481	17,139	6,354	2,042	21,451
31 - 40	68,370	13,784	25,155	2,966	201	27,920
41 - 50	49,168	11,118	16,325	3,188	1,630	17,883
51 - 60	33,788	8,395	7,797	1,491	25	9,263
61 - 100	100,773	16,712	23,337	3,080	1,031	25,386
101 - 150	96,823	16,462	19,509	2,053	295	21,267
151 - 200	31,063	5,139	7,770	1,429	2,707	6,492
201 - 250	19,319	3,246	10,760	923	908	10,775
251 - 300	12,515	4,907	5,010	371	13	5,368
301 - 350	5,460	722	1,825	165	-	1,990
351 - 400	80,293	12,224	17,176	497	16	17,657
401+	54,211	6,865	9,618	242	23	9,837
TOTAL TRADITIONAL	758,268	159,238	183,560	32,567	15,735	200,392

TABLE 4.8 CATTLE SALES (1 - 3 YEARS) TO DIFFERENT BUYERS BY DISTRICT AND REGION

District/Region	BMC	BMC Agent	Cooperative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Other	Total Sales
Barolong	-	-	-	-	-	-	-	-	94	94
Ngwaketse South	103	46	-	754	-	-	13	81	338	1,335
Ngwaketse North	22	-	156	493	-	56	-	107	1,389	2,223
Ngwaketse Central	13	-	10	635	-	-	-	-	1,365	2,023
Ngwaketse West	368	311	310	385	64	-	49	142	1,369	2,998
SOUTHERN REGION	506	357	476	2,267	64	56	62	330	4,555	8,673
Balete/Tlokwen	-	-	-	67	-	-	-	-	17	84
Kweneng South	322	-	20	157	-	-	461	-	260	1,220
Kweneng North	-	-	-	175	259	-	-	28	-	462
Kweneng West	-	-	-	422	1,055	-	62	-	-	1,539
Kgatleng	413	-	303	158	145	-	73	48	3,234	4,374
GABORONE REGION	735	-	323	979	1,459	-	596	76	3,511	7,679
Mahalapye East	1,125	-	531	328	-	151	25	437	677	3,274
Mahalapye West	1,822	11	-	148	-	98	-	8,397	1,891	12,367
Palapye	200	-	-	655	278	368	264	748	125	2,638
Serowe	2,140	255	395	189	375	587	355	1,594	2,701	8,591
Bobonong	4,298	-	1,493	3,067	121	-	452	47	311	9,789
Letlhakane	957	2,062	515	768	-	-	3	654	1,205	6,164
Selebi-Phikwe	253	17	4,116	14	516	-	1,918	413	465	7,712
CENTRAL REGION	10,795	2,345	7,050	5,169	1,290	1,204	3,017	12,290	7,375	50,535
Tati	-	-	-	-	-	-	-	-	401	401
Tutume	3,659	585	9	718	-	-	425	-	2,510	7,906
Tonota	558	-	-	60	-	-	-	-	327	945
FRANCISTOWN REGION	4,217	585	9	778	-	-	425	-	3,238	9,252
Ngamiland West	-	-	19	396	-	-	12	-	433	860
Ngamiland East	106	1,287	1,198	6,791	-	-	-	80	1,986	11,448
Chobe	-	-	-	-	-	-	-	-	611	611
MAUN REGION	106	1,287	1,217	7,187	-	-	12	80	3,030	12,919
Gantsi	1,742	815	41	297	871	-	-	203	1,129	5,098
Hukuntsi	225	183	-	128	135	27	-	348	60	1,106
Tsabong	1,482	2,238	-	30	223	212	104	2,019	227	6,535
WESTERN REGION	3,449	3,236	41	455	1,229	239	104	2,570	1,416	12,739
TOTAL TRADITIONAL	19,808	7,810	9,116	16,835	4,042	1,499	4,216	15,346	23,125	101,797

TABLE 4.9 CATTLE SALES (1 - 3 YEARS): REVENUE RECEIVED (PULA) FROM CATTLE SALES TO DIFFERENT BUYERS BY DISTRICT AND REGION

District/Region	BMC	BMC Agent	Cooperative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Other	Total Revenue
Barolong	-	-	-	-	-	-	-	-	84,179	84,179
Ngwaketse South	122,629	43,044	-	553,381	-	-	16,291	107,976	300,347	1,143,668
Ngwaketse North	39,615	-	182,275	566,668	-	95,571	-	96,565	1,519,269	2,499,963
Ngwaketse Central	12,277	-	13,648	673,204	-	-	-	-	849,250	1,548,379
Ngwaketse West	458,902	504,856	292,429	469,685	71,978	-	90,462	127,625	1,345,520	3,361,457
SOUTHERN REGION	633,423	547,900	488,352	2,262,938	71,978	95,571	106,753	332,166	4,098,565	8,637,646
Balete/Tlokweng	-	-	-	77,563	-	-	-	-	21,409	98,972
Kweneng South	415,937	-	32,525	179,172	-	-	460,682	-	359,208	1,447,524
Kweneng North	-	-	-	230,826	305,200	-	-	39,410	-	575,436
Kweneng West	-	-	-	294,139	907,027	-	55,919	-	-	1,257,085
Kgatlang	453,860	-	268,895	140,724	203,451	-	87,193	71,947	3,592,764	4,818,834
GABORONE REGION	869,797	-	301,420	922,424	1,415,678	-	603,794	111,357	3,973,381	8,197,851
Mahalapye East	1,738,390	-	648,518	260,283	-	138,026	21,772	614,208	679,055	4,100,252
Mahalapye West	1,627,383	12,480	-	123,783	-	159,471	-	6,844,542	1,672,481	10,440,140
Palapye	161,483	-	-	652,998	209,103	226,564	224,356	512,300	122,573	2,109,377
Serowe	2,139,733	220,833	469,824	175,646	291,069	501,022	434,081	1,187,341	2,731,229	8,150,778
Bobonong	3,822,577	-	1,254,412	2,195,370	113,066	-	394,882	58,664	340,359	8,179,330
Letlhakane	883,783	1,782,531	412,500	681,906	-	-	2,465	528,758	1,285,841	5,577,784
Selebi-Phikwe	233,358	18,560	3,793,945	12,105	450,344	-	1,534,009	275,648	393,488	6,711,457
CENTRAL REGION	10,606,707	2,034,404	6,579,199	4,102,091	1,063,582	1,025,083	2,611,565	10,021,461	7,225,026	45,269,118
Tati	-	-	-	-	-	-	-	-	400,675	400,675
Tutume	2,833,072	322,642	8,842	879,836	-	-	366,391	-	2,231,206	6,641,989
Tonota	483,728	-	-	48,142	-	-	-	-	452,940	984,810
FRANCISTOWN REGION	3,316,800	322,642	8,842	927,978	-	-	366,391	-	3,084,821	8,027,474
Ngamiland West	-	-	18,984	426,162	-	-	15,227	-	472,303	932,676
Ngamiland East	118,889	1,570,635	838,257	4,809,361	-	-	-	80,340	1,920,964	9,338,446
Chobe	-	-	-	-	-	-	-	-	558,454	558,454
MAUN REGION	118,889	1,570,635	857,241	5,235,523	-	-	15,227	80,340	2,951,721	10,829,576
Gantsi	1,577,347	725,036	28,994	303,730	599,088	-	-	221,533	915,888	4,371,616
Hukuntsi	269,230	216,075	-	148,513	151,574	35,908	-	444,531	71,082	1,336,913
Tsabong	1,267,711	4,852,081	-	28,200	312,465	243,895	89,276	1,856,328	204,041	8,853,997
WESTERN REGION	3,114,288	5,793,192	28,994	480,443	1,063,127	279,803	89,276	2,522,392	1,191,011	14,562,526
TOTAL TRADITIONAL	18,659,904	10,268,773	8,264,048	13,931,397	3,614,365	1,400,457	3,793,006	13,067,716	22,524,525	95,524,191

TABLE 4.10 CATTLE PRICES (1 - 3 YEARS): AVERAGE PRICE PER CATTLE BY DIFFERENT BUYERS, DISTRICT AND REGION

District/Region	BMC	BMC Agent	Cooperative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Other
Barolong	-	-	-	-	-	-	-	-	896
Ngwaketse South	1,191	936	-	734	-	-	1,253	1,333	889
Ngwaketse North	1,801	-	1,168	1,149	-	1,707	-	902	1,094
Ngwaketse Central	944	-	1,365	1,060	-	-	-	-	622
Ngwaketse West	1,247	1,623	943	1,220	1,125	-	1,846	899	983
SOUTHERN REGION	1,252	1,535	1,026	998	1,125	1,707	1,722	1,007	900
Balete/Tlokweng	-	-	-	1,158	-	-	-	-	1,259
Kweneng South	1,292	-	1,626	1,141	-	-	999	-	1,382
Kweneng North	-	-	-	1,319	1,178	-	-	1,408	-
Kweneng West	-	-	-	697	860	-	902	-	-
Kgatleng	1,099	-	887	891	1,403	-	1,194	1,499	1,111
GABORONE REGION	1,183	-	933	942	970	-	1,013	1,465	1,132
Mahalapye East	1,545	-	1,221	794	-	914	871	1,406	1,003
Mahalapye West	893	1,135	-	836	-	1,627	-	815	884
Palapye	807	-	-	997	752	616	850	685	981
Serowe	1,000	866	1,189	929	776	854	1,223	745	1,011
Bobonong	889	-	840	716	934	-	874	1,248	1,094
Letlhakane	923	864	801	888	-	-	822	808	1,067
Selebi-Phikwe	922	1,092	922	865	873	-	800	667	846
CENTRAL REGION	983	868	933	794	824	851	866	815	980
Tati	-	-	-	-	-	-	-	-	999
Tutume	774	552	982	1,225	-	-	862	-	889
Tonota	867	-	-	802	-	-	-	-	1,385
FRANCISTOWN REGION	787	552	982	1,193	-	-	862	-	953
Ngamiland West	-	-	999	1,076	-	-	1,269	-	1,091
Ngamiland East	1,122	1,220	700	708	-	-	-	1,004	967
Chobe	-	-	-	-	-	-	-	-	914
MAUN REGION	1,122	1,220	704	728	-	-	1,269	-	974
Gantsi	905	890	707	1,023	688	-	-	1,091	811
Hukuntsi	1,197	1,181	-	1,160	1,123	-	-	1,277	1,185
Tsabong	855	2,168	-	940	1,401	-	858	919	899
WESTERN REGION	903	1,790	707	1,056	865	-	858	981	841
TOTAL TRADITIONAL	942	1,315	907	828	894	934	900	852	974

TABLE 4.11 CATTLE SALES (OVER 3 YEARS) TO DIFFERENT BUYERS BY DISTRICT AND REGION

District/Region	BMC	BMC Agent	Cooperative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Other	Total Sales
Barolong	-	18	-	-	-	-	186	-	128	332
Ngwaketse South	46	62	-	63	363	-	-	837	398	1,769
Ngwaketse North	660	-	-	40	-	-	301	-	287	1,288
Ngwaketse Central	1,859	65	-	83	-	-	35	-	367	2,409
Ngwaketse West	47	26	-	53	31	-	-	113	693	963
SOUTHERN REGION	2,612	171	-	239	394	-	522	950	1,873	6,761
Balete/Tlokweneng	-	-	-	-	-	-	-	-	4	4
Kweneng South	34	-	12	2,605	-	-	125	20	153	2,949
Kweneng North	622	253	789	2,094	1,973	-	398	57	528	6,714
Kweneng West	3,662	286	4	56	1,865	353	78	83	546	6,933
Kgatlang	1,254	-	-	108	53	-	484	-	246	2,145
GABORONE REGION	5,572	539	805	4,863	3,891	353	1,085	160	1,477	18,745
Mahalapye East	-	-	15	149	-	-	-	-	110	274
Mahalapye West	343	63	15,132	1,019	-	-	92	332	502	17,483
Palapye	125	7	356	532	34	-	-	831	415	2,300
Scrowe	3,792	159	37	161	695	-	932	126	267	6,169
Bobonong	150	143	174	277	70	-	34	139	301	1,288
Letlhakane	323	3,626	23	513	-	-	71	886	1,540	6,982
Selebi-Phikwe	-	2,446	473	-	-	-	6	778	72	3,775
CENTRAL REGION	4,733	6,444	16,210	2,651	799	-	1,135	3,092	3,207	38,271
Tati	-	-	-	80	-	-	-	-	856	936
Tutume	3,457	630	208	87	-	-	117	4	2,133	6,636
Tonota	197	-	-	311	-	86	59	-	470	1,123
FRANCISTOWN REGION	3,654	630	208	478	-	86	176	4	3,459	8,695
Ngamiland West	-	-	16	426	-	89	109	-	47	687
Ngamiland East	-	-	-	26	-	-	80	479	776	1,361
Chobe	-	-	-	27	-	-	-	-	531	558
MAUN REGION	-	-	16	479	-	89	189	479	1,354	2,606
Gantsi	827	-	-	194	-	147	-	239	56	1,463
Hukuntsi	170	-	-	-	174	-	-	240	2,532	3,116
Tsabong	589	518	-	5	78	-	193	678	47	2,108
WESTERN REGION	1,586	518	-	199	252	147	193	1,157	2,635	6,687
TOTAL TRADITIONAL	18,157	8,302	17,239	8,909	5,336	675	3,300	5,842	14,005	81,765

TABLE 4.12 CATTLE SALES (OVER 3 YEARS): REVENUE RECEIVED (PULA) FROM DIFFERENT BUYERS BY DISTRICT AND REGION

District/Region	BMC	BMC Agent	Cooperative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Other	Total Revenue
Barolong	-	15,079	-	-	-	-	223,028	-	146,512	384,619
Ngwaketse South	54,920	69,554	-	69,016	353,535	-	-	818,315	480,157	1,845,497
Ngwaketse North	792,320	-	-	28,155	-	-	-	-	369,182	1,587,546
Ngwaketse Central	1,123,001	78,365	-	94,490	-	-	34,831	-	365,726	1,696,413
Ngwaketse West	61,207	31,788	-	59,861	38,641	-	-	126,613	751,811	1,069,921
SOUTHERN REGION	2,031,448	194,786	-	251,522	392,176	-	655,748	944,928	2,113,388	6,583,996
Balete/Tlokweng	-	-	-	-	-	-	-	-	5,342	5,342
Kweneng South	61,107	-	17,270	652,681	-	-	208,516	24,394	233,928	1,197,896
Kweneng North	831,602	248,874	813,587	2,296,337	2,060,544	-	421,728	60,973	661,423	7,395,068
Kweneng West	4,919,982	275,723	3,486	55,137	1,787,784	322,507	85,782	89,411	649,583	8,189,395
Kgatlang	1,420,293	-	-	102,895	52,941	-	498,140	-	226,766	2,301,035
GABORONE REGION	7,232,984	524,597	834,343	3,107,050	3,901,269	322,507	1,214,166	174,778	1,777,042	19,088,736
Mahalapye East	-	-	25,560	111,245	-	-	-	-	129,554	266,359
Mahalapye West	318,635	70,586	13,891,504	1,071,241	-	-	101,090	212,817	499,869	16,165,742
Palapye	125,231	10,094	433,365	539,450	27,960	-	-	577,881	378,240	2,092,221
Serowe	3,452,170	159,014	40,901	121,562	619,919	-	915,502	124,380	255,510	5,688,958
Bobonong	138,872	147,690	122,126	246,851	101,190	-	27,371	145,613	350,109	1,279,822
Lethakane	287,570	3,080,107	20,975	446,588	-	-	70,948	620,960	1,625,773	6,152,921
Selebi-Phikwe	-	1,896,764	585,753	-	-	-	4,430	951,743	67,612	3,506,302
CENTRAL REGION	4,322,478	5,364,255	15,120,184	2,536,937	749,069	-	1,119,341	2,633,394	3,306,667	35,152,325
Tati	-	-	-	82,138	-	-	-	-	836,746	918,884
Tutume	3,109,559	511,357	169,957	73,856	-	-	33,227	2,647	2,217,253	6,117,856
Tonota	163,973	-	-	365,662	-	86,378	78,454	-	467,107	1,161,574
FRANCISTOWN REGION	3,273,532	511,357	169,957	521,656	-	86,378	111,681	2,647	3,521,106	8,198,314
Ngamiland West	-	-	11,881	366,049	-	133,330	130,753	-	54,774	696,787
Ngamiland East	-	-	-	26,420	-	-	99,614	383,203	799,386	1,308,623
Chobe	-	-	-	24,173	-	-	-	-	468,361	492,534
MAUN REGION	-	-	11,881	416,642	-	133,330	230,367	383,203	1,322,521	2,497,944
Gantsi	1,590,419	-	-	172,072	-	116,668	-	283,233	81,793	2,244,185
Hukuntsi	322,745	-	-	-	175,521	-	-	310,699	1,843,765	2,652,730
Tsabong	674,649	563,495	-	6,935	88,508	-	215,750	665,994	51,965	2,267,296
WESTERN REGION	2,587,813	563,495	-	179,007	264,029	116,668	215,750	1,259,926	1,977,523	7,164,211
TOTAL TRADITIONAL	19,448,255	7,158,490	16,136,365	7,012,814	5,306,543	658,883	3,547,053	5,398,876	14,018,247	78,685,526

TABLE 4.13 CATTLE PRICES (OVER 3 YEARS): AVERAGE PRICE PER CATTLE BY DIFFERENT BUYERS, DISTRICT AND REGION

District/Region	BMC	BMC Agent	Cooperative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Other
Barolong	-	838	-	-	-	-	1,199	-	1,145
Ngwaketse South	1,194	1,122	-	1,095	974	-	-	978	1,206
Ngwaketse North	1,200	-	-	704	-	-	1,322	-	1,286
Ngwaketse Central	604	1,206	-	1,138	-	-	995	-	997
Ngwaketse West	1,302	1,223	-	1,129	1,246	-	-	1,120	1,085
SOUTHERN REGION	778	1,139	-	1,052	995	-	1,256	995	1,128
Balete/Tlokweneng	-	-	-	-	-	-	-	-	1,336
Kweneng South	1,797	-	1,439	251	-	-	1,668	1,220	1,529
Kweneng North	1,337	984	1,031	1,097	1,044	-	1,060	1,070	1,253
Kweneng West	1,344	964	872	985	959	914	1,100	1,077	1,190
Kgatlang	1,133	-	-	953	999	-	1,029	-	922
GABORONE REGION	1,298	973	1,036	639	1,003	914	1,119	1,092	1,203
Mahalapye East	-	-	1,704	747	-	-	-	-	1,178
Mahalapye West	929	1,120	918	1,051	-	-	1,099	641	996
Palapye	1,002	1,442	1,217	1,014	822	-	-	695	911
Serowe	910	1,000	1,105	755	892	-	982	987	957
Bobonong	926	1,033	702	891	1,446	-	805	1,048	1,163
Letlhakane	890	849	912	871	-	-	999	701	1,056
Selebi-Phikwe	-	775	1,238	-	-	-	738	1,223	939
CENTRAL REGION	913	832	933	957	938	-	986	852	1,031
Tati	-	-	-	1,027	-	-	-	-	978
Tutume	899	812	817	849	-	-	284	662	1,039
Tonota	832	-	-	1,176	-	1,004	1,330	-	994
FRANCISTOWN REGION	896	812	817	1,091	-	1,004	635	662	1,018
Ngamiland West	-	-	743	859	-	1,498	1,200	-	1,165
Ngamiland East	-	-	-	1,016	-	-	1,245	800	1,030
Chobe	-	-	-	895	-	-	-	-	882
MAUN REGION	-	-	743	870	-	1,498	1,219	800	977
Gantsi	1,923	-	-	887	-	794	-	1,185	1,461
Hukuntsi	1,899	-	-	-	1,009	-	-	1,295	728
Tsabong	1,145	1,088	-	1,387	1,135	-	1,118	982	1,106
WESTERN REGION	1,632	1,088	-	900	1,048	794	1,118	1,089	750
TOTAL TRADITIONAL	1,071	862	936	787	994	976	1,075	924	1,001

TABLE 4.14 TOTAL SALES AND TOTAL REVENUE (PULA) BY DISTRICT AND REGION

District/ Region	Holdings Selling		Total Sales		Total Revenue Received (PULA)	Revenue Per Holding (PULA)	Average Price Per Cattle (PULA)
	Number	Percentage	Number	Percentage			
Barolong	291	0.8	426	0.2	468,798	1,611	1,100
Ngwaketse South	836	2.3	3,104	1.7	2,989,165	3,576	963
Ngwaketse North	1,838	5.0	3,511	1.9	4,087,509	2,224	1,164
Ngwaketse Central	1,352	3.7	4,432	2.4	3,244,792	2,400	732
Ngwaketse West	1,499	4.1	3,961	2.2	4,431,378	2,956	1,119
SOUTHERN REGION	5,816	15.8	15,434	8.4	15,221,642	2,617	986
Balete/Tlokweng	74	0.2	88	0.0	104,314	1,410	1,185
Kweneng South	1,224	3.3	4,169	2.3	2,645,420	2,161	635
Kweneng North	2,020	5.5	7,176	3.9	7,970,504	3,946	1,111
Kweneng West	2,148	5.8	8,472	4.6	9,446,480	4,398	1,115
Kgatleng	1,873	5.1	6,519	3.6	7,119,869	3,801	1,092
GABORONE REGION	7,339	19.9	26,424	14.4	27,286,587	3,718	1,033
Mahalapye East	1,084	2.9	3,548	1.9	4,366,611	4,028	1,231
Mahalapye West	4,328	11.7	29,850	16.3	26,605,882	6,147	891
Palapye	2,002	5.4	4,938	2.7	4,201,598	2,099	851
Serowe	3,151	8.5	14,760	8.0	13,839,736	4,392	938
Bobonong	2,265	6.1	11,077	6.0	9,459,152	4,176	854
Letlhakane	1,447	3.9	13,146	7.2	11,730,705	8,107	892
Selebi-Phikwe	1,058	2.9	11,487	6.3	10,217,759	9,658	890
CENTRAL REGION	15,335	41.5	88,806	48.4	80,421,443	5,244	906
Tati	163	0.4	1,337	0.7	1,319,559	8,095	987
Tutume	2,548	6.9	14,542	7.9	12,759,845	5,008	877
Tonota	375	1.0	2,068	1.1	2,146,384	5,724	1,038
FRANCISTOWN REGION	3,086	8.4	17,947	9.8	16,225,788	5,258	904
Ngamiland West	943	2.6	1,547	0.8	1,629,463	1,728	1,053
Ngamiland East	1,755	4.8	12,809	7.0	10,647,069	6,067	831
Chobe	436	1.2	1,169	0.6	1,050,988	2,411	899
MAUN REGION	3,134	8.5	15,525	8.5	13,327,520	4,253	858
Gantsi	939	2.5	6,561	3.6	6,615,801	7,046	1,008
Hukuntsi	426	1.2	4,222	2.3	3,989,643	9,365	945
Tsabong	851	2.3	8,643	4.7	11,121,293	13,068	1,287
WESTERN REGION	2,216	6.0	19,426	10.6	21,726,737	9,804	1,118
TOTAL TRADITIONAL	36,926	100.0	183,562	100.0	174,209,717	4,718	949

TABLE 5.1 GOATS HOLDINGS AND POPULATION BY DISTRICT AND REGION

District/ Region	Goats Holdings		Total Goats		Average Number of Goats Per Holding
	Number	Percentage	Number	Percentage	
Barolong	1,334	1.6	15,044	0.9	11
Ngwaketse South	3,439	4.2	37,805	2.3	11
Ngwaketse North	4,698	5.7	68,920	4.1	15
Ngwaketse Central	5,053	6.1	76,357	4.6	15
Ngwaketse West	3,993	4.8	85,253	5.1	21
SOUTHERN REGION	18,517	22.4	283,379	17.0	15
Balete/Tlokweng	105	0.1	1,933	0.1	18
Kweneng South	5,417	6.6	66,895	4.0	12
Kweneng North	4,395	5.3	62,103	3.7	14
Kweneng West	4,020	4.9	139,135	8.3	35
Kgatleng	3,048	3.7	43,104	2.6	14
GABORONE REGION	16,985	20.6	313,170	18.7	18
Mahalapye East	3,684	4.5	63,673	3.8	17
Mahalapye West	5,751	7.0	124,908	7.5	22
Palapye	5,838	7.1	75,418	4.5	13
Serowe	3,399	4.1	36,415	2.2	11
Bobonong	4,958	6.0	77,464	4.6	16
Letlhakane	2,814	3.4	108,120	6.5	38
Selibi-Phikwe	2,997	3.6	46,193	2.8	15
CENTRAL REGION	29,441	35.7	532,191	31.9	18
Tati	733	0.9	8,971	0.5	12
Tutume	4,506	5.5	67,657	4.0	15
Tonota	1,954	2.4	24,277	1.5	12
FRANCISTOWN REGION	7,193	8.7	100,905	6.0	14
Ngamiland West	2,855	3.5	94,877	5.7	33
Ngamiland East	2,868	3.5	139,579	8.4	49
Chobe	645	0.8	4,253	0.3	7
MAUN REGION	6,368	7.7	238,709	14.3	37
Gantsi	1,344	1.6	71,298	4.3	53
Hukuntsi	716	0.9	25,929	1.6	36
Tsabong	1,946	2.4	105,082	6.3	54
WESTERN REGION	4,006	4.9	202,309	12.1	51
TOTAL TRADITIONAL	82,510	100.0	1,670,663	100.0	20

TABLE 5.2 GOATS HOLDINGS AND POPULATION BY GOATS FLOCK SIZE

Goats Flock Size	Goats Holdings		Total Goats		Average Number of Goats Per Holding
	Number	Percentage	Number	Percentage	
1 - 10	36,642	44.4	218,298	13.1	6
11 - 20	21,276	25.8	311,229	18.6	15
21 - 30	10,829	13.1	269,956	16.2	25
31 - 40	4,232	5.1	146,020	8.7	35
41 - 50	3,308	4.0	152,300	9.1	46
51 - 60	1,622	2.0	92,554	5.5	57
61 - 70	890	1.1	58,386	3.5	66
71 - 80	587	0.7	43,409	2.6	74
81 - 90	489	0.6	41,599	2.5	85
91 - 100	369	0.4	36,088	2.2	98
101+	2,266	2.7	300,824	18.0	133
TOTAL TRADITIONAL	82,510	100.0	1,670,663	100.0	20

Figure 5.1 Goat Flock Size by Sex of Holder

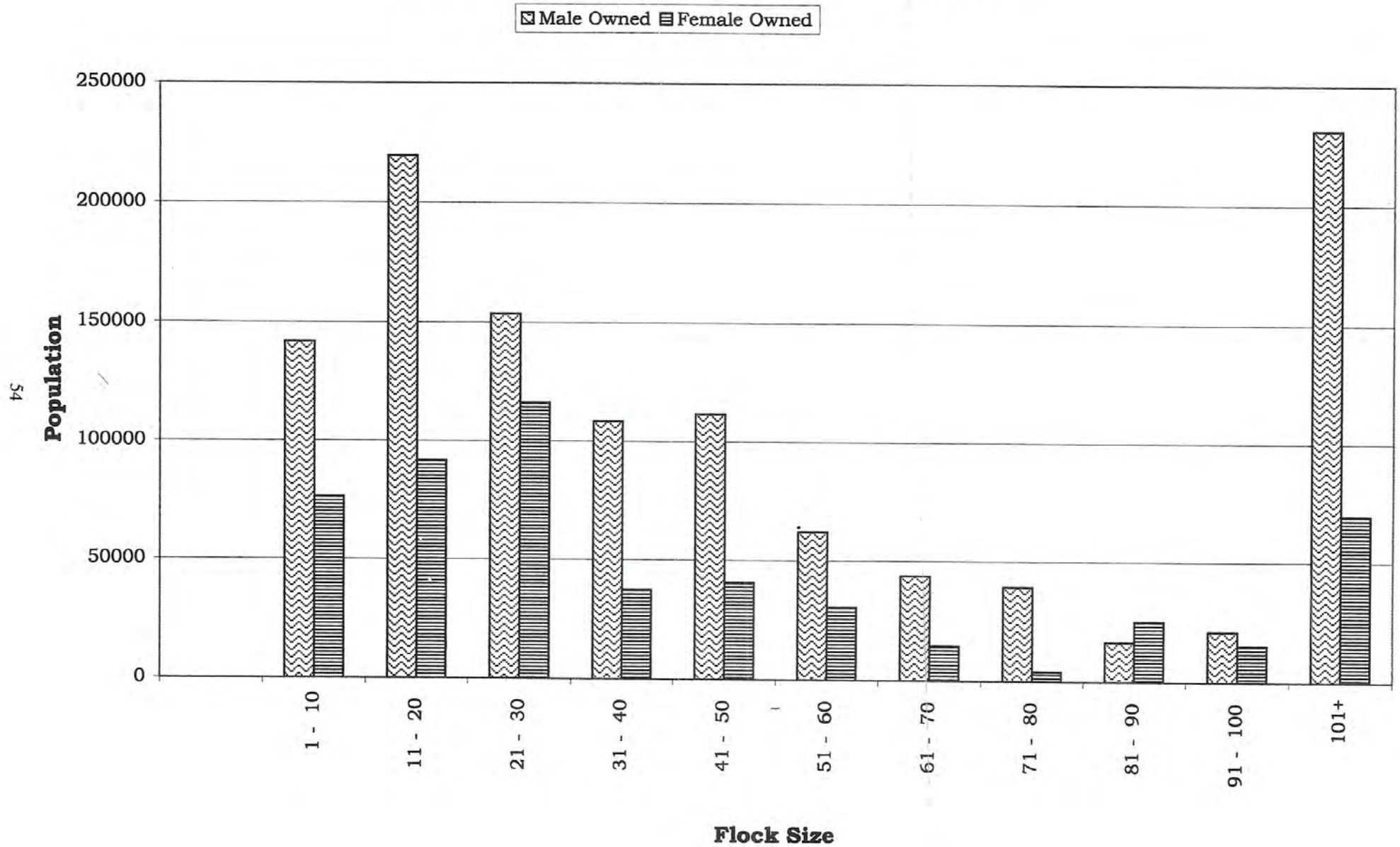


TABLE 5.4 GOATS COMPOSITION BY DISTRICT AND REGION

District/Region	One Year and Over		Under One Year		Total
	Males	Females	Males	Females	
Barolong	1,531	8,845	2,100	2,568	15,044
Ngwaketse South	5,260	21,729	5,203	5,613	37,805
Ngwaketse North	10,662	44,281	6,287	7,690	68,920
Ngwaketse Central	11,416	48,506	7,595	8,840	76,357
Ngwaketse West	10,198	54,198	11,095	9,762	85,253
SOUTHERN REGION	39,067	177,559	32,280	34,473	283,379
Balete/Tlokweng	459	1,097	194	183	1,933
Kweneng South	10,902	37,788	8,569	9,636	66,895
Kweneng North	9,418	40,012	5,704	6,969	62,103
Kweneng West	12,323	93,366	14,365	19,081	139,135
Kgatleng	6,929	27,269	3,865	5,041	43,104
GABORONE REGION	40,031	199,532	32,697	40,910	313,170
Mahalapye East	6,961	39,355	8,127	9,230	63,673
Mahalapye West	29,577	73,801	9,053	12,477	124,908
Palapye	10,777	40,884	12,102	11,655	75,418
Serowe	4,531	23,730	4,005	4,149	36,415
Bobonong	8,349	49,995	9,249	9,871	77,464
Letlhakane	13,309	69,827	12,216	12,768	108,120
Selibi-Phikwe	5,963	29,017	5,959	5,254	46,193
CENTRAL REGION	79,467	326,609	60,711	65,404	532,191
Tati	1,309	5,187	1,221	1,254	8,971
Tutume	8,278	40,035	7,826	11,518	67,657
Tonota	2,902	14,865	2,857	3,653	24,277
FRANCISTOWN REGION	12,489	60,087	11,904	16,425	100,905
Ngamiland West	13,127	54,834	10,878	16,038	94,877
Ngamiland East	17,478	83,481	18,354	20,266	139,579
Chobe	671	2,127	695	760	4,253
MAUN REGION	31,276	140,442	29,927	37,064	238,709
Gantsi	8,333	41,089	10,412	11,464	71,298
Hukuntsi	4,618	14,821	3,309	3,181	25,929
Tsabong	11,630	62,992	16,129	14,331	105,082
WESTERN REGION	24,581	118,902	29,850	28,976	202,309
TOTAL TRADITIONAL	226,911	1,023,131	197,369	223,252	1,670,663

TABLE 5.3 GOATS HOLDINGS AND POPULATION BY SEX OF HOLDER AND GOATS FLOCK SIZE

Goats Flock Size	Goats Holdings		Total Goats Holdings	Number of Goats		Total Goats
	Male Owned	Female Owned		Male Owned	Female Owned	
1 - 10	23,516	13,126	36,642	141,864	76,434	218,298
11 - 20	15,040	6,236	21,276	219,495	91,734	311,229
21 - 30	6,057	4,772	10,829	153,745	116,211	269,956
31 - 40	3,157	1,075	4,232	108,597	37,423	146,020
41 - 50	2,389	919	3,308	111,732	40,568	152,300
61 - 60	1,095	527	1,622	62,112	30,442	92,554
61 - 70	680	210	890	43,867	14,519	58,386
71 - 80	531	56	587	39,394	4,015	43,409
81 - 90	190	299	489	16,487	25,112	41,599
91 - 100	215	154	369	20,964	15,124	36,088
101+	1,708	558	2,266	231,214	69,610	300,824
TOTAL TRADITIONAL	54,578	27,932	82,510	1,149,471	521,192	1,670,663

TABLE 5.5 GOATS COMPOSITION BY GOATS FLOCK SIZE

Size of Goats Holdings	One Year and Over		Under One Year		Total
	Males	Females	Males	Females	
1 - 10	30,591	135,349	22,521	29,837	218,298
11 - 20	48,145	182,235	39,137	41,712	311,229
21 - 30	39,369	161,653	31,011	37,923	269,956
31 - 40	18,819	85,906	19,748	21,547	146,020
41 - 50	28,948	94,843	15,023	13,486	152,300
61 - 60	10,416	58,491	12,709	10,938	92,554
61 - 70	8,180	37,245	4,727	8,234	58,386
71 - 80	5,771	26,705	4,958	5,975	43,409
81 - 90	4,570	27,537	4,869	4,623	41,599
91 - 100	3,544	22,019	6,183	4,342	36,088
101+	28,558	191,148	36,483	44,635	300,824
TOTAL TRADITIONAL	226,911	1,023,131	197,369	223,252	1,670,663

TABLE 5.6 GOATS: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY DISTRICT AND REGION

District/Region	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
Barolong	6,572	2,529	-	1,754	-	1,754
Ngwaketse South	18,483	14,182	229	1,387	65	1,551
Ngwaketse North	28,760	25,493	1,865	3,468	61	5,272
Ngwaketse Central	25,017	19,644	2,199	2,758	837	4,120
Ngwaketse West	35,716	42,694	6,851	2,263	22,865	13,751
SOUTHERN REGION	114,548	104,542	11,144	11,630	23,828	1,054
Balete/Tlokweng	705	352	191	60	-	251
Kweneng South	34,831	24,602	1,556	3,432	36	4,952
Kweneng North	27,892	19,606	353	5,262	1,957	3,658
Kweneng West	60,009	41,805	7,127	5,694	3,651	9,170
Kgatleng	17,901	11,964	684	2,241	-	2,925
GABORONE REGION	141,338	98,329	9,911	16,689	5,644	20,956
Mahalapye East	30,155	18,129	2,252	3,734	248	5,738
Mahalapye West	37,556	20,477	6,389	5,591	812	11,168
Palapye	35,485	16,852	3,340	5,240	990	7,590
Serowe	16,439	11,225	2,776	3,300	783	5,293
Bobonong	35,753	25,571	4,841	4,604	3,369	6,076
Letlhakane	37,386	25,817	6,220	5,339	2,289	9,270
Selibi-Phikwe	22,734	18,191	2,416	2,858	441	4,833
CENTRAL REGION	215,508	136,262	28,234	30,666	8,932	49,968
Tati	3,773	2,171	56	511	-	567
Tutume	29,892	12,474	1,185	2,963	-	4,148
Tonota	16,256	7,145	1,713	1,478	20	3,171
FRANCISTOWN REGION	49,921	21,790	2,954	4,952	20	7,886
Ngamiland West	38,651	19,362	5,917	2,351	9,425	1,157
Ngamiland East	59,289	28,199	9,238	4,962	2,456	11,744
Chobe	1,766	429	151	300	534	83
MAUN REGION	99,706	47,990	15,306	7,613	12,415	10,504
Gantsi	32,407	11,864	3,219	2,703	501	5,421
Hukuntsi	11,404	6,123	1,265	1,355	135	2,485
Tsabong	47,578	21,618	8,677	4,439	1,079	12,037
WESTERN REGION	91,389	39,605	13,161	8,497	1,715	19,943
TOTAL TRADITIONAL	712,410	448,518	80,710	80,047	52,554	108,203

TABLE 5.7 GOATS: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY GOATS FLOCK SIZE

Goats Flock Size	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
1 - 10	124,031	115,152	6,416	16,919	2,941	20,394
11 - 20	141,835	90,706	13,771	20,482	4,898	29,355
21 - 30	114,136	78,163	16,146	15,016	24,065	7,097
31 - 40	60,424	29,511	6,040	6,325	1,122	11,243
41 - 50	49,591	33,397	7,870	5,152	1,226	11,796
61 - 60	34,776	14,073	1,784	4,041	4,438	1,387
61 - 70	23,392	15,522	2,561	1,732	423	3,870
71 - 80	15,630	7,661	2,267	1,356	316	3,307
81 - 90	17,698	9,933	2,242	1,600	838	3,004
91 - 100	17,141	7,700	3,909	526	16	4,419
101+	113,756	46,700	17,704	6,898	12,271	12,331
TOTAL TRADITIONAL	712,410	448,518	80,710	80,047	52,554	108,203

TABLE 5.10 SHEEP HOLDINGS AND POPULATION BY SHEEP FLOCK SIZE

Sheep Flock Size	Sheep Holdings		Total Sheep		Average Number of Sheep Per Holding
	Number	Percentage	Number	Percentage	
1 - 5	8,792	38.6	25,902	9.7	3
6 - 10	6,750	29.6	52,017	19.5	8
11 - 15	2,314	10.2	30,131	11.3	13
16 - 20	1,320	5.8	23,085	8.6	17
21 - 30	2,186	9.6	53,947	20.2	25
31 - 40	516	2.3	17,961	6.7	35
41 - 50	287	1.3	12,970	4.9	45
51 - 60	256	1.1	14,221	5.3	56
61 - 70	159	0.7	10,208	3.8	64
71 - 80	8	0.0	593	0.2	74
81 +	182	0.8	26,315	9.8	145
TOTAL TRADITIONAL	22,770	100.0	267,350	100.0	12

Figure 5.2 Sheep Flock Size by Sex of Holder

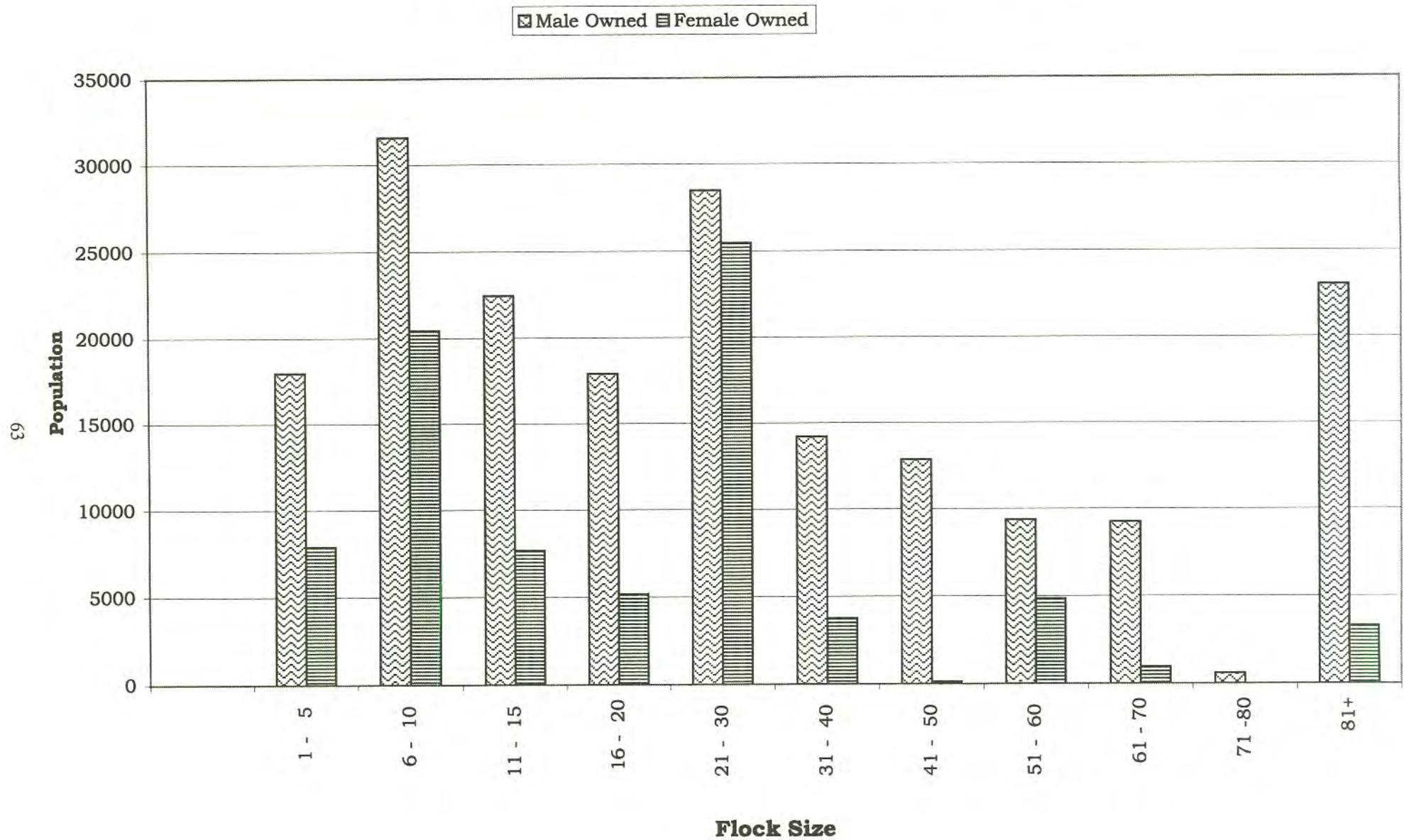


TABLE 5.11 SHEEP HOLDINGS AND POPULATION BY SEX OF HOLDER AND SHEEP FLOCK SIZE

Sheep Flock Size	Sheep Holdings		Total Holdings	Sheep Population		Total Sheep
	Male Owned	Female Owned		Male Owned	Female Owned	
1 - 5	6,215	2,577	8,792	17,990	7,912	25,902
6 - 10	4,220	2,530	6,750	31,577	20,440	52,017
11 - 15	1,690	624	2,314	22,455	7,676	30,131
16 - 20	1,007	313	1,320	17,918	5,167	23,085
21 - 30	1,137	1,049	2,186	28,480	25,467	53,947
31 - 40	411	105	516	14,208	3,753	17,961
41 - 50	284	3	287	12,853	117	12,970
51 - 60	171	85	256	9,379	4,842	14,221
61 - 70	144	15	159	9,255	953	10,208
71 - 80	8	-	8	593	-	593
81+	170	12	182	23,031	3,284	26,315
TOTAL TRADITIONAL	15,457	7,313	22,770	187,739	79,611	267,350

TABLE 5.12 SHEEP COMPOSITION BY DISTRICT AND REGION

District/Region	One Year and Over		Under One Year		Total
	Males	Females	Males	Females	
Barolong	769	3,108	304	631	4,812
Ngwaketse South	2,195	5,853	1,259	1,266	10,573
Ngwaketse North	1,504	6,609	1,407	1,618	11,138
Ngwaketse Central	5,982	18,967	3,099	2,967	31,015
Ngwaketse West	3,977	17,732	2,112	3,483	27,304
SOUTHERN REGION	14,427	52,269	8,181	9,965	84,842
Balete/Tlokweneng	125	238	8	4	375
Kweneng South	2,748	7,349	1,076	1,116	12,289
Kweneng North	751	8,397	1,007	997	11,152
Kweneng West	2,119	7,870	1,432	1,368	12,789
Kgatleng	897	3,726	968	937	6,528
GABORONE REGION	6,640	27,580	4,491	4,422	43,133
Mahalapye East	1,467	5,695	1,364	1,325	9,851
Mahalapye West	3,176	6,854	1,664	1,538	13,232
Palapye	920	3,021	435	734	5,110
Serowe	753	2,320	400	746	4,219
Bobonong	2,117	14,510	2,519	2,286	21,432
Letlhakane	2,002	7,159	1,264	1,146	11,571
Selibi-Phikwe	847	2,949	598	900	5,294
CENTRAL REGION	11,282	42,508	8,244	8,675	70,709
Tati	112	611	161	204	1,088
Tutume	1,603	5,476	815	1,513	9,407
Tonota	668	2,630	787	767	4,852
FRANCISTOWN REGION	2,383	8,717	1,763	2,484	15,347
Ngamiland West	813	2,594	863	1,009	5,279
Ngamiland East	2,478	10,377	1,741	2,214	16,810
Chobe	-	-	-	-	-
MAUN REGION	3,291	12,971	2,604	3,223	22,089
Gantsi	1,982	4,390	967	1,434	8,773
Hukuntsi	253	1,143	164	311	1,871
Tsabong	2,287	13,832	1,878	2,589	20,586
WESTERN REGION	4,522	19,365	3,009	4,334	31,230
TOTAL TRADITIONAL	42,545	163,410	28,292	33,103	267,350

TABLE 5.13 SHEEP COMPOSITION BY SHEEP FLOCK SIZE

Size of Sheep Holdings	One Year and Over		Under One Year		Tot Sheep
	Males	Females	Males	Females	
1 - 5	4,181	16,844	2,494	2,383	25,902
6 - 10	9,644	30,853	4,815	6,705	52,017
11 - 15	6,066	15,853	3,327	4,385	30,131
16 - 20	4,080	13,507	2,433	3,065	23,085
21 - 30	6,857	34,437	5,947	6,706	53,947
31 - 40	3,297	10,388	2,045	2,231	17,961
41 - 50	1,204	7,588	2,195	1,983	12,970
51 - 60	1,707	9,920	1,155	1,439	14,221
61 - 70	1,753	6,564	703	1,188	10,208
71 - 80	126	304	87	76	593
81 +	3,630	17,152	2,591	2,942	26,315
TOTAL TRADITIONAL	42,545	163,410	28,292	33,103	267,350

TABLE 5.14 SHEEP: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY DISTRICT AND REGION

District/Region	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
Barolong	1,508	1,154	-	250	-	250
Ngwaketse South	2,955	1,539	1,396	237	33	1,600
Ngwaketse North	3,896	3,794	498	704	-	1,202
Ngwaketse Central	8,269	6,342	1,743	530	-	2,273
Ngwaketse West	7,624	3,077	600	646	4,826	3,580
SOUTHERN REGION	24,252	15,906	4,237	2,367	4,859	1,745
Balete/Tlokweng	126	117	143	-	-	143
Kweneng South	4,460	2,728	247	536	36	747
Kweneng North	3,371	2,317	61	529	249	341
Kweneng West	6,163	3,718	27	107	683	549
Kgatleng	2,153	140	138	17	4	151
GABORONE REGION	16,273	9,020	616	1,189	972	833
Mahalapye East	4,353	2,203	163	402	-	565
Mahalapye West	4,900	1,194	846	105	-	951
Palapye	1,429	480	287	60	-	347
Serowe	1,481	405	130	48	324	146
Bobonong	6,381	3,016	959	532	471	1,020
Letlhakane	3,502	1,768	843	701	-	1,544
Selibi-Phikwe	1,889	744	149	351	87	413
CENTRAL REGION	23,935	9,810	3,377	2,199	882	4,694
Tati	493	234	-	-	-	-
Tutume	4,068	2,847	420	363	-	783
Tonota	2,010	967	713	60	-	773
FRANCISTOWN REGION	6,571	4,048	1,133	423	-	1,556
Ngamiland West	2,228	1,107	193	24	-	217
Ngamiland East	5,049	2,997	855	1,355	350	1,860
Chobe	-	-	-	-	-	-
MAUN REGION	7,277	4,104	1,048	1,379	350	2,077
Gantsi	4,078	1,730	671	288	215	744
Hukuntsi	667	230	12	5	69	52
Tsabong	6,463	3,908	1,851	850	1,000	1,701
WESTERN REGION	11,208	5,868	2,534	1,143	1,284	2,393
TOTAL TRADITIONAL	89,516	48,756	12,945	8,700	8,347	13,298

TABLE 5.15 SHEEP: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY SHEEP FLOCK SIZE

Size of Sheep Holding	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
1 - 5	9,713	10,165	1,839	1,771	750	2,860
6 - 10	19,706	12,897	1,668	1,445	638	2,475
11 - 15	10,943	4,064	1,037	741	1,090	688
16 - 20	8,521	5,240	664	1,127	65	1,726
21 - 30	16,780	7,771	1,702	1,416	4,885	1,767
31 - 40	5,541	2,178	413	341	324	430
41 - 50	4,682	1,814	1,442	1,009	6	2,445
51 - 60	3,575	1,525	2,063	321	542	1,842
61 - 70	3,537	1,380	258	272	-	530
71 - 80	237	111	8	12	-	20
81+	6,281	1,611	1,851	245	47	2,049
TOTAL TRADITIONAL	89,516	48,756	12,945	8,700	8,347	13,298

TABLE 5.16 SHEEP: TOTAL SALES AND TOTAL REVENUE (PULA) BY DISTRICT AND REGION

District/ Region	Holdings Selling		Total Sales		Total	Revenue (PULA)	Average Price
	Number	Percentage	Number	Percentage	Revenue (PULA)	Per Holding	Per Sheep (PULA)
Barolong	-	-	-	-	-	-	-
Ngwaketse South	159	4.2	1,396	10.8	347,318	2,184	249
Ngwaketse North	45	1.2	498	3.8	124,395	2,764	250
Ngwaketse Central	206	5.4	1,743	13.5	376,226	1,826	216
Ngwaketse West	199	5.2	600	4.6	131,448	661	219
SOUTHERN REGION	609	16.0	4,237	32.7	979,387	1,608	231
Balete/Tlokweng	48	1.3	143	1.1	25,813	538	181
Kweneng South	247	6.5	247	1.9	49,406	200	200
Kweneng North	12	0.3	61	0.5	15,226	1,269	250
Kweneng West	11	0.3	27	0.2	6,142	558	227
Kgatleng	79	2.1	138	1.1	41,526	526	301
GABORONE REGION	397	10.4	616	4.8	138,113	348	224
Mahalapye East	163	4.3	163	1.3	27,508	169	169
Mahalapye West	769	20.2	846	6.5	166,392	216	197
Palapye	119	3.1	287	2.2	40,264	338	140
Serowe	32	0.8	130	1.0	22,455	702	173
Bobonong	313	8.2	959	7.4	182,604	583	190
Letlhakane	111	2.9	843	6.5	139,799	1,259	166
Selibi-Phikwe	112	2.9	149	1.2	28,511	255	191
CENTRAL REGION	1,619	42.5	3,377	26.1	607,533	375	180
Tati	-	-	-	-	-	-	-
Tutume	176	4.6	420	3.2	72,914	419	176
Tonota	302	7.9	713	5.5	72,944	242	102
FRANCISTOWN REGION	478	12.5	1,133	8.8	146,658	307	129
Ngamiland West	169	4.4	193	1.5	46,500	275	241
Ngamiland East	363	9.5	855	6.6	202,540	558	237
Chobe	-	-	-	-	-	-	-
MAUN REGION	532	14.0	1,048	8.1	249,040	468	238
Gantsi	70	1.8	671	5.2	141,877	2,027	211
Hukuntsi	5	0.1	12	0.1	1,608	322	134
Tsabong	101	2.7	1,851	14.3	461,723	4,572	249
WESTERN REGION	176	4.6	2,534	19.6	605,208	3,439	239
TOTAL TRADITIONAL	3,811	100.0	12,945	100.0	2,725,939	715	211

Figure 6.1 Other Livestock By Region

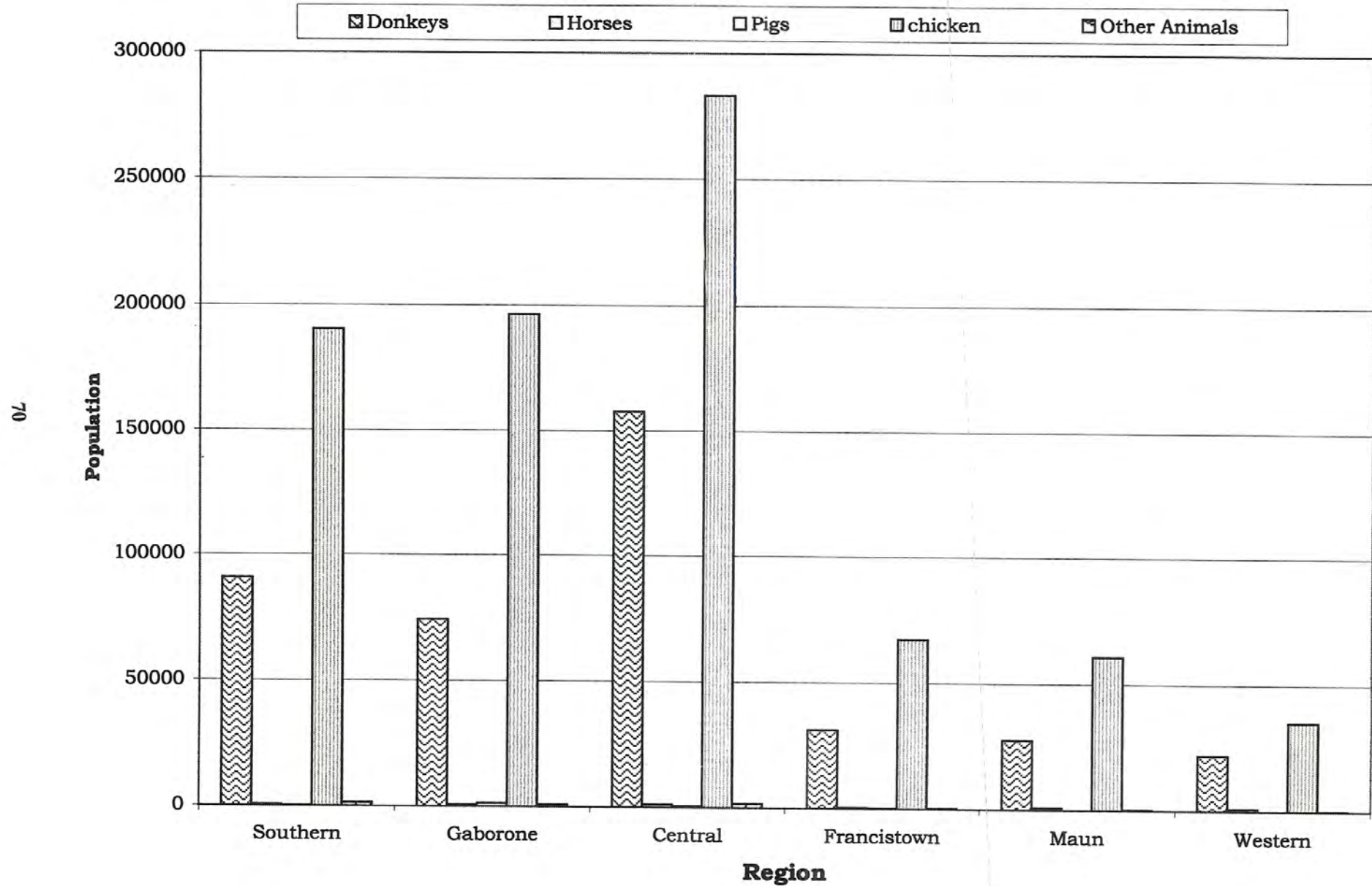


TABLE 6.1: DONKEYS: TOTAL HOLDINGS AND POPULATION BY DISTRICT AND REGION

District/ Region	Donkey Holdings		Total Donkeys		Average Number of Donkeys Per Holding
	Number	Percentage	Number	Percentage	
Barolong	844	1.5	3,933	1.0	5
Ngwaketse South	2,222	3.8	16,269	4.0	7
Ngwaketse North	2,723	4.7	21,515	5.3	8
Ngwaketse Central	2,152	3.7	21,699	5.4	10
Ngwaketse West	3,637	6.3	27,382	6.8	8
SOUTHERN REGION	11,578	19.9	90,798	22.5	8
Balete/Tlokweneng	77	0.1	1,114	0.3	14
Kweneng South	3,584	6.2	19,370	4.8	5
Kweneng North	3,867	6.7	25,426	6.3	7
Kweneng West	2,925	5.0	17,414	4.3	6
Kgatlang	1,214	2.1	11,065	2.7	9
GABORONE REGION	11,667	20.1	74,389	18.4	6
Mahalapye East	2,076	3.6	12,998	3.2	6
Mahalapye West	3,160	5.4	27,682	6.8	9
Palapye	3,044	5.2	22,631	5.6	7
Serowe	3,539	6.1	25,421	6.3	7
Letlhakane	4,247	7.3	32,572	8.1	8
Bobonong	2,590	4.5	19,762	4.9	8
Selebi-Phikwe	2,556	4.4	16,703	4.1	7
CENTRAL REGION	21,212	36.5	157,769	39.0	7
Tati	300	0.5	1,570	0.4	5
Tutume	3,010	5.2	17,958	4.4	6
Tonota	1,157	2.0	11,842	2.9	10
FRANCISTOWN REGION	4,467	7.7	31,370	7.8	7
Ngamiland West	2,472	4.3	8,813	2.2	4
Ngamiland East	3,173	5.5	18,968	4.7	6
Chobe	8	0.0	14	0.0	2
MAUN REGION	5,653	9.7	27,795	6.9	5
Gantsi	1,165	2.0	7,632	1.9	7
Tsabong	594	1.0	2,200	0.5	4
Hukuntsi	1,741	3.0	12,376	3.1	7
WESTERN REGION	3,500	6.0	22,208	5.5	6
TOTAL TRADITIONAL	58,077	100.0	404,329	100.0	7

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

District/ Region	Holdings Selling		Total Sales		Total Revenue (PULA)	Average Revenue Per Holding (PULA)	Average Price Per Donkey (PULA)
	Number	Percentage	Number	Percentage			
Barolong	-	-	-	-	-	-	-
Ngwaketse South	705	3.2	1,646	2.5	329,223	467	200
Ngwaketse North	172	0.8	517	0.8	155,232	903	300
Ngwaketse Central	-	-	-	-	-	-	-
Ngwaketse West	939	4.3	3,164	4.7	552,524	588	175
SOUTHERN REGION	1,816	8.3	5,327	8.0	1,036,979	571	195
Balete/Tlokweneng	-	-	-	-	-	-	-
Kweneng South	-	-	-	-	-	-	-
Kweneng North	-	-	-	-	-	-	-
Kweneng West	2,180	10.0	2,180	3.3	435,987	200	200
Kgatleng	-	-	-	-	-	-	-
GABORONE REGION	2,180	10.0	2,180	3.3	435,987	200	200
Mahalapye East	1,732	8.0	1,732	2.6	821,042	474	-
Mahalapye West	-	-	-	-	-	-	-
Palapye	174	0.8	338	0.5	115,147	662	341
Serowe	3,428	15.7	9,805	14.7	1,279,350	373	-
Letlhakane	2,748	12.6	3,180	4.8	442,960	161	139
Bobonong	1,393	6.4	4,727	7.1	794,472	570	168
Selebi-Phikwe	742	3.4	1,527	2.3	233,368	315	-
CENTRAL REGION	10,217	46.9	21,309	31.9	3,686,339	361	173
Tati	-	-	-	-	-	-	-
Tutume	2,661	12.2	6,631	9.9	1,067,883	401	161
Tonota	144	0.7	144	0.2	28,793	200	200
FRANCISTOWN REGION	2,805	12.9	6,775	10.1	1,096,676	391	162
Ngamiland West	190	0.9	380	0.6	75,935	400	200
Ngamiland East	3,819	17.5	30,160	45.1	4,755,426	1,245	158
Chobe	-	-	-	-	-	-	-
MAUN REGION	4,009	18.4	30,540	45.7	4,831,361	1,205	158
Gantsi	58	0.3	58	0.1	23,186	400	400
Tsabong	-	-	-	-	-	-	-
Hukuntsi	683	3.1	683	1.0	136,660	200	200
WESTERN REGION	741	3.4	741	1.1	159,846	216	216
TOTAL TRADITIONAL	21,768	100.0	66,872	100.0	11,247,188	517	168

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

District/ Region	Chicken Holdings		Total Chickens		Average Number of Chickens Per Holding
	Number	Percentage	Number	Percentage	
Barolong	1,015	1.2	16,047	1.9	16
Ngwaketse South	3,516	4.3	42,633	5.1	12
Ngwaketse North	4,823	5.8	40,109	4.8	8
Ngwaketse Central	5,340	6.5	58,314	7.0	11
Ngwaketse West	3,662	4.4	33,335	4.0	9
SOUTHERN REGION	18,356	22.2	190,438	22.8	10
Balete/Tlokweng	109	0.1	1,531	0.2	14
Kweneng South	4,430	5.4	36,190	4.3	8
Kweneng North	4,936	6.0	66,888	8.0	14
Kweneng West	3,357	4.1	35,852	4.3	11
Kgatleng	3,752	4.5	55,991	6.7	15
GABORONE REGION	16,584	20.0	196,452	23.6	12
Mahalapye East	3,957	4.8	32,486	3.9	8
Mahalapye West	5,178	6.3	59,542	7.1	11
Palapye	5,814	7.0	57,192	6.9	10
Serowe	3,173	3.8	32,204	3.9	10
Letlhakane	4,480	5.4	44,366	5.3	10
Bobonong	3,052	3.7	29,391	3.5	10
Selebi-Phikwe	3,084	3.7	27,983	3.4	9
CENTRAL REGION	28,738	34.7	283,164	34.0	10
Tati	890	1.1	10,046	1.2	11
Tutume	4,898	5.9	37,507	4.5	8
Tonota	2,177	2.6	19,823	2.4	9
FRANCISTOWN REGION	7,965	9.6	67,376	8.1	8
Ngamiland West	3,481	4.2	25,617	3.1	7
Ngamiland East	2,860	3.5	25,928	3.1	9
Chobe	922	1.1	9,288	1.1	10
MAUN REGION	7,263	8.8	60,833	7.3	8
Gantsi	1,413	1.7	14,015	1.7	10
Tsabong	580	0.7	4,902	0.6	8
Hukuntsi	1,815	2.2	16,314	2.0	9
WESTERN REGION	3,808	4.6	35,231	4.2	9
TOTAL TRADITIONAL	82,714	100.0	833,494	100.0	10

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

District/ Region	Holdings Selling		Total Sales		Total Revenue (PULA)	Average Revenue Per Holding (PULA)	Average Price Per Chicken (PULA)
	Number	Percentage	Number	Percentage			
Barolong	395	5.9	1,761	3.2	27,782	70	16
Ngwaketse South	805	12.1	9,888	18.1	148,921	185	15
Ngwaketse North	405	6.1	2,393	4.4	32,757	81	14
Ngwaketse Central	400	6.0	2,884	5.3	32,398	81	11
Ngwaketse West	386	5.8	10,172	18.6	205,285	532	20
SOUTHERN REGION	2,391	35.8	27,098	49.7	447,144	187	17
Baete/Tlokweng	-	-	-	-	-	-	-
Kweneng South	49	0.7	421	0.8	8,429	172	20
Kweneng North	413	6.2	6,625	12.1	100,678	244	15
Kweneng West	11	0.2	67	0.1	1,001	91	15
Kgatleng	199	3.0	1,861	-	-	-	0
GABORONE REGION	672	10.1	8,974	16.4	110,108	164	12
Mahalapye East	178	2.7	806	1.5	16,381	92	20
Mahalapye West	52	0.8	235	0.4	4,930	95	21
Palapye	842	12.6	2,070	3.8	42,844	51	21
Serowe	112	1.7	801	1.5	16,665	149	21
Letlhakane	552	8.3	3,163	5.8	57,157	104	18
Bobonong	302	4.5	762	1.4	16,359	54	21
Selebi-Phikwe	318	4.8	5,163	9.5	91,875	289	18
CENTRAL REGION	2,356	35.3	13,000	23.8	246,210	105	19
Tati	93	1.4	698	1.3	9,756	105	14
Tutume	465	7.0	2,219	4.1	37,496	81	17
Tonota	80	1.2	480	0.9	9,375	117	20
FRANCISTOWN REGION	638	9.6	3,397	6.2	56,627	89	17
Ngamiland West	207	0.4	352	0.6	6,824	33	19
Ngamiland East	398	6.0	1,701	3.1	34,765	87	20
Chobe	4	0.1	9	0.0	218	54	24
MAUN REGION	609	9.1	2,062	3.8	41,806	69	20
Gantsi	8	0.1	33	0.1	830	104	25
Tsabong	-	-	-	-	-	-	-
Hukuntsi	-	-	-	-	-	-	-
WESTERN REGION	8	0.1	33	0.1	830	104	25
TOTAL TRADITIONAL	6,674	100.0	54,564	100.0	902,725	135	17

TABLE 6.5: DONKEYS: TOTAL HOLDINGS AND POPULATION BY SIZE OF DONKEYS HOLDINGS

Size of Donkeys Holdings	Donkeys Holdings		Total Donkeys		Average Number of Donkeys Per Holding
	Number	Percentage	Number	Percentage	
1 - 5	30,320	52.2	97,959	24.2	3
6 - 10	19,142	33.0	146,672	36.3	8
11 - 15	4,857	8.4	63,126	15.6	13
16+	3,758	6.5	96,572	23.9	26
TOTAL TRADITIONAL	58,077	100.0	404,329	100.0	7

TABLE 6.6: CHICKENS: TOTAL HOLDINGS AND POPULATION BY SIZE CHICKENS HOLDINGS

Size of Chickens Holdings	Chickens Holdings		Total Chickens		Average Number of Chickens Per Holding
	Number	Percentage	Number	Percentage	
1 - 5	31,589	38.2	106,585	12.8	3
6 - 10	26,140	31.6	214,523	25.7	8
11 - 15	10,919	13.2	144,028	17.3	13
16 - 20	6,447	7.8	121,053	14.5	19
21 - 25	2,392	2.9	55,356	6.6	23
26 - 30	2,135	2.6	60,686	7.3	28
31 +	3,092	3.7	131,263	15.7	42
TOTAL TRADITIONAL	82,714	100.0	833,494	100.0	10

TABLE 6.7 HORSES: TOTAL HOLDINGS AND POPULATION BY REGION

Region	Horses Holdings		Total Horses		Average Number of Horses Per Holding
	Number	Percentage	Number	Percentage	
SOUTHERN REGION	1,480	12.4	4,436	10.0	3
GABORONE REGION	2,415	20.3	6,416	14.5	3
CENTRAL REGION	3,554	29.9	11,064	25.0	3
FRANCISTOWN REGION	763	6.4	3,607	8.2	5
MAUN REGION	2,011	16.9	9,042	20.5	4
WESTERN REGION	1,671	14.0	9,619	21.8	6
TOTAL TRADITIONAL	11,894	100.0	44,184	100.0	4

TABLE 6.8 PIGS: TOTAL HOLDINGS AND POPULATION BY REGION

Region	Pigs Holdings		Total Pigs		Average Number of Pigs Per Holding
	Number	Percentage	Number	Percentage	
SOUTHERN REGION	16	3.2	65	3.3	4
GABORONE REGION	183	36.8	1,160	59.6	6
CENTRAL REGION	263	52.9	528	27.1	2
FRANCISTOWN REGION	35	7.0	193	9.9	6
MAUN REGION	-	-	-	-	-
WESTERN REGION	-	-	-	-	-
TOTAL TRADITIONAL	497	100.0	1,946	100.0	4

TABLE 6.9 DOGS: TOTAL HOLDINGS AND POPULATION BY REGION

Region	Dogs Holdings		Total Dogs		Average Number of Dogs Per Holding
	Number	Percentage	Number	Percentage	
SOUTHERN REGION	1,677	20.1	3,478	17.5	2
GABORONE REGION	1,801	21.5	4,071	20.5	2
CENTRAL REGION	3,084	36.9	7,893	39.8	3
FRANCISTOWN REGION	761	9.1	1,597	8.1	2
MAUN REGION	677	8.1	1,816	9.2	3
WESTERN REGION	361	4.3	983	5.0	3
TOTAL TRADITIONAL	8,361	100.0	19,838	100.0	2

TABLE 6.10: OTHER ANIMALS: TOTAL HOLDINGS AND POPULATION BY REGION

Region	Other Animals Holdings		Total Other Animals		Average Number of Other Animals Per Holding
	Number	Percentage	Number	Percentage	
SOUTHERN REGION	823	31.9	1,364	29.5	2
GABORONE REGION	526	20.4	874	18.9	2
CENTRAL REGION	821	31.8	1,705	36.9	2
FRANCISTOWN REGION	164	6.4	278	6.0	2
MAUN REGION	162	6.3	260	5.6	2
WESTERN REGION	85	3.3	135	2.9	2
TOTAL TRADITIONAL	2,581	100.0	4,616	100.0	2

Figure 7.1 Area Planted and Total Production by Region

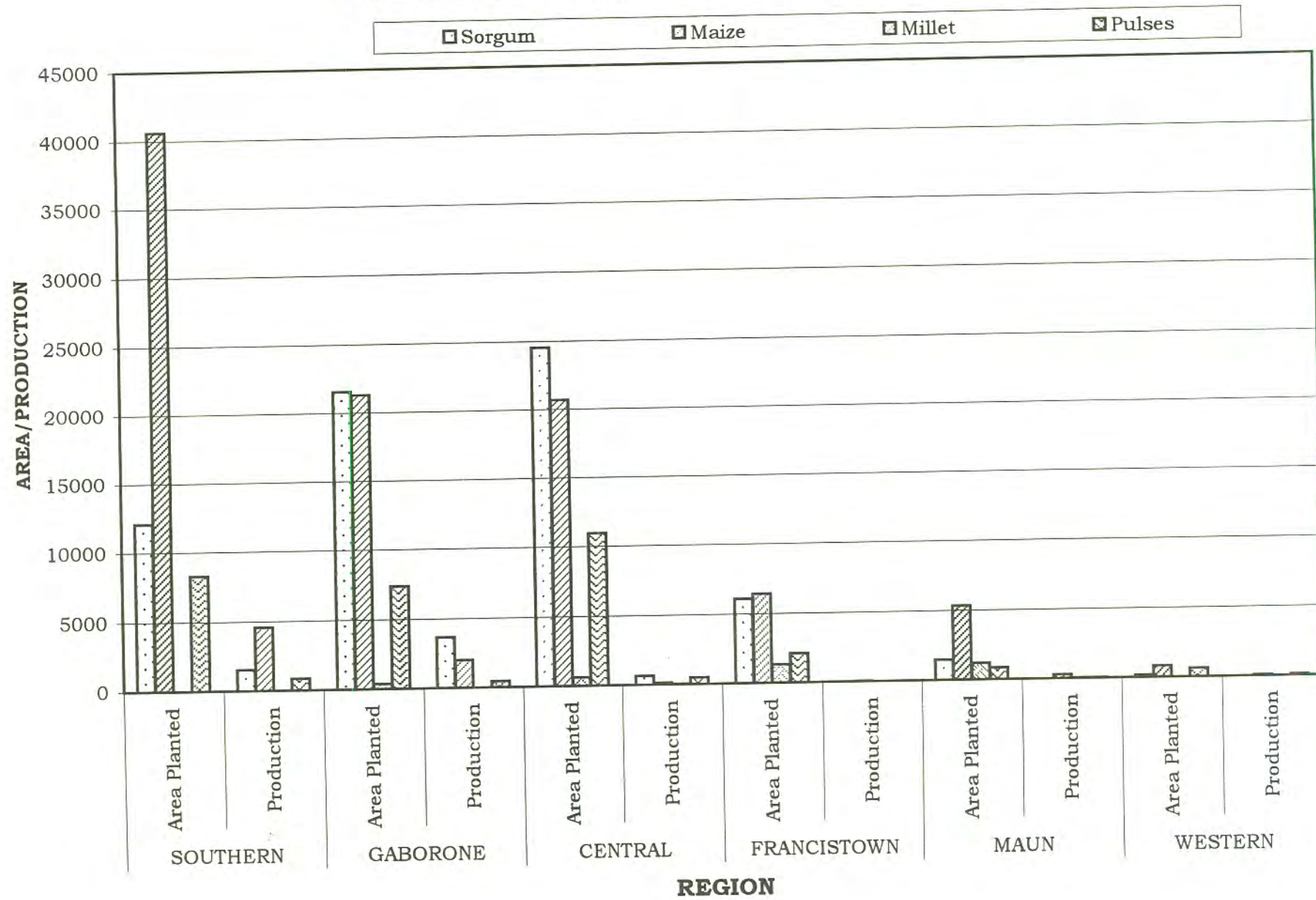


TABLE 7.1 LAND HOLDINGS, LAND AREA AND TOTAL FIELDS BY DISTRICT AND REGION

District/ Region	Land Holdings		Land Area		Land Area Per Holding (HA)	Total Fields		Number of Fields Per Holding
	Number	Percentage	(Hectares)	Percentage		Number	Percentage	
Barolong	901	1.2	6,837	2.4	7.6	1,887	1.8	2
Ngwaketse South	2,615	3.6	26,607	9.3	10.2	4,466	4.3	2
Ngwaketse North	4,307	5.9	16,394	5.7	3.8	6,383	6.2	1
Ngwaketse Central	3,888	5.4	26,540	9.2	6.8	5,949	5.7	2
Ngwaketse West	4,094	5.6	36,378	12.7	8.9	7,273	7.0	2
SOUTHERN REGION	15,805	21.8	112,756	39.3	7.1	25,958	25.1	2
Balete/Tlokweneng	81	0.1	519	0.2	6.4	129	0.1	2
Kweneng South	4,477	6.2	17,692	6.2	4.0	6,040	5.8	1
Kweneng North	5,082	7.0	22,471	7.8	4.4	6,740	6.5	1
Kweneng West	3,672	5.1	17,240	6.0	4.7	4,655	4.5	1
Kgatleng	2,299	3.2	11,455	4.0	5.0	2,503	2.4	1
GABORONE REGION	15,611	21.5	69,377	24.2	4.4	20,067	19.4	1
Mahalapye East	4,157	5.7	14,528	5.1	3.5	4,605	4.4	1
Mahalapye West	2,551	3.5	6,820	2.4	2.7	2,803	2.7	1
Palapye	6,720	9.3	20,566	7.2	3.1	7,324	7.1	1
Serowe	2,331	3.2	4,426	1.5	1.9	2,388	2.3	1
Bobonong	4,377	6.0	11,952	4.2	2.7	4,975	4.8	1
Letlhakane	1,360	1.9	2,631	0.9	1.9	1,911	1.8	1
Selebi-Phikwe	2,177	3.0	6,744	2.3	3.1	2,465	2.4	1
CENTRAL REGION	23,673	32.6	67,667	23.6	2.9	26,471	25.6	1
Tati	955	1.3	2,433	0.8	2.5	1,325	1.3	1
Tutume	4,852	6.7	11,331	3.9	2.3	6,627	6.4	1
Tonota	2,929	4.0	9,056	3.2	3.1	3,627	3.5	1
FRANCISTOWN REGION	8,736	12.0	22,820	7.9	2.6	11,579	11.2	1
Ngamiland West	3,984	5.5	4,706	1.6	1.2	1,325	1.3	0
Ngamiland East	2,243	3.1	3,848	1.3	1.7	6,627	6.4	3
Chobe	988	1.4	2,843	1.0	2.9	3,627	3.5	4
MAUN REGION	7,215	9.9	11,397	4.0	1.6	11,579	11.2	2
Gantsi	746	1.0	1,141	0.4	1.5	4,313	4.2	6
Hukuntsi	439	0.6	995	0.3	2.3	2,383	2.3	5
Tsabong	398	0.5	1,065	0.4	2.7	1,164	1.1	3
WESTERN REGION	1,583	2.2	3,201	1.1	2.0	7,860	7.6	5
TOTAL TRADITIONAL	72,623	100.0	287,218	100.0	4.0	103,514	100.0	1

TABLE 7.2 LAND HOLDINGS AND LAND AREA BY SIZE OF AREA PLANTED

Size of Area Planted (HA)	Land Holdings		Land Area		Land Area Per Holding (HA)
	Number	Percentage	(Hectares)	Percentage	
0.01 - 1.00	12,835	17.7	8,134	2.8	0.6
1.01 - 2.00	14,868	20.5	21,892	7.6	1.5
2.01 - 3.00	13,561	18.7	33,253	11.6	2.5
3.01 - 4.00	10,168	14.0	35,472	12.4	3.5
4.01 - 5.00	6,255	8.6	28,042	9.8	4.5
5.01 - 6.00	4,119	5.7	22,652	7.9	5.5
6.01 - 7.00	2,412	3.3	15,585	5.4	6.5
7.01 - 8.00	1,600	2.2	11,974	4.2	7.5
8.01 - 9.00	1,309	1.8	11,160	3.9	8.5
9.01 - 10.00	793	1.1	7,508	2.6	9.5
10.01 - 15.00	1,964	2.7	23,442	8.2	11.9
15.01 +	2,739	3.8	68,104	23.7	24.9
TOTAL TRADITIONAL	72,623	100.0	287,218	100.0	4.0

TABLE 7.3 HOLDINGS PLANTED, AREA PLANTED AND FIELDS PLANTED BY DISTRICT AND REGION

District/ Region	Crop Holdings Number	Ratio of Crop Holdings To Holdings With Land (%)	Total Area Planted (Hectares)	Ratio of Area Planted To Total Land Area (%)	Area Planted Per Crop Holding (HA)	Fields Planted Number	Ratio of Fields Planted To Total Fields (%)	Average Size of Fields Planted (HA)
Barolong	275	30.5	3,266	47.8	11.9	870	46.1	4
Ngwaketse South	2,076	79.4	11,271	42.4	5.4	3,165	70.9	4
Ngwaketse North	3,890	90.3	9,630	58.7	2.5	4,203	65.8	2
Ngwaketse Central	2,612	67.2	14,810	55.8	5.7	3,373	56.7	4
Ngwaketse West	3,377	82.5	23,779	65.4	7.0	4,860	66.8	5
SOUTHERN REGION	12,230	77.4	62,756	55.7	5.1	16,471	63.5	4
Balete/Tlokweng	78	96.3	273	52.6	3.5	78	60.5	4
Kweneng South	3,419	76.4	11,497	65.0	3.4	3,567	59.1	3
Kweneng North	4,724	93.0	17,695	78.7	3.7	5,283	78.4	3
Kweneng West	3,506	95.5	11,710	67.9	3.3	3,711	79.7	3
Kgatleng	1,926	83.8	9,779	85.4	5.1	1,926	76.9	5
GABORONE REGION	13,653	87.5	50,954	73.4	3.7	14,565	72.6	3
Mahalapye East	4,054	97.5	13,212	90.9	3.3	4,156	90.2	3
Mahalapye West	2,163	84.8	5,877	86.2	2.7	2,227	79.5	3
Palapye	6,510	96.9	19,220	93.5	3.0	6,724	91.8	3
Serowe	2,071	88.8	3,913	88.4	1.9	2,104	88.1	2
Bobonong	4,046	92.4	10,756	90.0	2.7	4,313	86.7	2
Letlhakane	1,003	73.8	1,722	65.5	1.7	1,267	66.3	1
Selebi-Phikwe	1,834	84.2	5,008	74.3	2.7	1,903	77.2	3
CENTRAL REGION	21,681	91.6	59,708	88.2	2.8	22,694	85.7	3
Tati	825	86.4	1,717	70.6	2.1	887	66.9	2
Tutume	4,430	91.3	8,851	78.1	2.0	4,558	68.8	2
Tonota	2,345	80.1	6,286	69.4	2.7	2,359	65.0	3
FRANCISTOWN REGION	7,600	87.0	16,854	73.9	2.2	7,804	67.4	2
Ngamiland West	3,202	80.4	4,065	86.4	1.3	3,328	251.2	1
Ngamiland East	1,655	73.8	3,074	79.9	1.9	1,658	25.0	2
Chobe	713	72.2	1,848	65.0	2.6	765	21.1	2
MAUN REGION	5,570	77.2	8,987	78.9	1.6	5,751	49.7	2
Gantsi	368	49.3	602	52.8	1.6	368	8.5	2
Hukuntsi	277	63.1	383	38.5	1.4	277	11.6	1
Tsabong	294	73.9	687	64.5	2.3	302	25.9	2
WESTERN REGION	939	59.3	1,672	52.2	1.8	947	12.0	2
TOTAL TRADITIONAL	61,673	84.9	200,931	70.0	3.3	68,232	65.9	3

TABLE 7.4 HOLDINGS HARVESTED AND AREA HARVESTED BY DISTRICT AND REGION

District/ Region	Holdings Harvested	Ratio of Holdings Harvested To Crop Holdings (%)	Area Harvested (Hectares)	Ratio of Area Harvested To Area Planted (%)	Area Harvested Per Holding Harvested (HA)
Barolong	275	100.0	1,645	50.4	6.0
Ngwaketse South	1,362	65.6	4,374	38.8	3.2
Ngwaketse North	2,788	71.7	6,091	63.3	2.2
Ngwaketse Central	1,368	52.4	9,154	61.8	6.7
Ngwaketse West	1,793	53.1	17,465	73.4	9.7
SOUTHERN REGION	7,586	62.0	38,729	61.7	5.1
Balete/Tlokweng	53	67.9	147	53.8	2.8
Kweneng South	871	25.5	1,944	16.9	2.2
Kweneng North	2,638	55.8	8,300	46.9	3.1
Kweneng West	1,907	54.4	6,737	57.5	3.5
Kgatleng	977	50.7	5,036	51.5	5.2
GABORONE REGION	6,446	47.2	22,164	43.5	3.4
Mahalapye East	2,291	56.5	3,480	26.3	1.5
Mahalapye West	1,102	50.9	1,441	24.5	1.3
Palapye	3,427	52.6	7,029	36.6	2.1
Serowe	108	5.2	271	6.9	2.5
Bobonong	1,328	32.8	2,401	22.3	1.8
Letlhakane	24	2.4	16	0.9	0.7
Selebi-Phikwe	411	22.4	410	8.2	1.0
CENTRAL REGION	8,691	40.1	15,048	25.2	1.7
Tati	40	4.8	25	1.5	0.6
Tutume	498	11.2	332	3.8	0.7
Tonota	244	10.4	523	8.3	2.1
FRANCISTOWN REGION	782	10.3	880	5.2	1.1
Ngamiland West	620	19.4	501	12.3	0.8
Ngamiland East	169	10.2	257	8.4	1.5
Chobe	171	24.0	939	50.8	5.5
MAUN REGION	960	17.2	1,697	18.9	1.8
Gantsi	170	46.2	88	14.6	0.5
Hukuntsi	163	58.8	145	37.9	0.9
Tsabong	294	100.0	567	82.5	1.9
WESTERN REGION	627	66.8	800	47.8	1.3
TOTAL TRADITIONAL	25,092	40.7	79,318	39.5	3.2

TABLE 7.5 HOLDINGS PLANTED BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops
Barolong	259	275	-	250	-	-	9
Ngwaketse South	702	2,064	-	1,643	11	177	590
Ngwaketse North	1,793	3,890	-	3,091	94	108	287
Ngwaketse Central	468	2,612	-	1,663	-	229	870
Ngwaketse West	1,997	3,139	-	2,518	-	293	809
SOUTHERN REGION	5,219	11,980	-	9,165	105	807	2,565
Balete/Tlokweneng	58	76	-	66	199	-	-
Kweneng South	2,325	3,419	-	3,098	304	7	846
Kweneng North	3,531	4,442	40	3,894	608	61	192
Kweneng West	3,024	3,428	40	3,203	1,216	45	70
Kgatleng	1,442	1,850	248	1,469	2,327	69	365
GABORONE REGION	10,380	13,215	328	11,730	4,654	182	1,473
Mahalapye East	3,839	3,624	612	3,532	28	450	1,795
Mahalapye West	2,045	2,095	24	2,061	-	335	365
Palapye	6,283	6,287	899	6,148	-	488	4,138
Serowe	1,805	1,749	342	1,402	13	124	127
Bobonong	3,481	3,801	233	3,560	88	836	2,643
Letlhakane	212	938	68	691	24	51	422
Selebi-Phikwe	1,458	1,809	144	1,822	-	315	1,053
CENTRAL REGION	19,123	20,303	2,322	19,216	153	2,599	10,543
Tati	859	855	359	787	4	574	349
Tutume	4,140	4,432	2,687	3,915	-	2,615	2,324
Tonota	1,738	2,317	576	1,820	-	1,133	801
FRANCISTOWN REGION	6,737	7,604	3,622	6,522	4	4,322	3,474
Ngamiland West	1,553	2,735	1,598	1,713	14	390	905
Ngamiland East	367	1,625	111	1,206	80	29	384
Chobe	41	716	3	35	-	-	175
MAUN REGION	1,961	5,076	1,712	2,954	94	419	1,464
Gantsi	115	368	-	368	-	11	24
Hukuntsi	47	264	6	237	-	-	178
Tsabong	30	294	-	274	-	-	76
WESTERN REGION	192	926	6	879	-	11	278
TOTAL TRADITIONAL	43,612	59,104	7,990	50,466	5,010	8,340	19,797

TABLE 7.6 HOLDINGS HARVESTED BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops
Barolong	74	25	-	250	-	-	9
Ngwaketse South	283	1,160	-	1,216	11	161	469
Ngwaketse North	771	1,962	-	2,241	-	108	104
Ngwaketse Central	161	1,294	-	740	-	229	610
Ngwaketse West	486	1,463	-	1,170	-	238	574
SOUTHERN REGION	1,775	5,904	-	5,617	11	736	1,766
Balete/Tlokweng	5	53	-	53	-	-	-
Kweneng South	384	546	-	665	-	-	-
Kweneng North	2,019	746	-	1,288	-	61	17
Kweneng West	1,708	1,082	-	952	-	45	-
Kgatleng	717	530	-	328	-	-	48
GABORONE REGION	4,833	2,957	-	3,286	-	106	65
Mahalapye East	1,735	411	137	1,305	-	155	397
Mahalapye West	613	161	-	596	-	51	85
Palapye	2,943	734	116	1,351	-	-	656
Serowe	48	62	-	42	13	-	-
Bobonong	359	585	90	864	8	167	769
Letlhakane	13	21	-	-	-	-	-
Selebi-Phikwe	61	224	-	378	-	67	33
CENTRAL REGION	5,772	2,198	343	4,536	21	440	1,940
Tati	-	40	-	-	-	-	-
Tutume	10	248	111	4	-	148	-
Tonota	122	-	-	102	-	123	-
FRANCISTOWN REGION	132	288	111	106	-	271	-
Ngamiland West	150	344	287	71	-	60	19
Ngamiland East	-	143	-	97	-	-	-
Chobe	-	171	-	26	-	-	3
MAUN REGION	150	658	287	194	-	60	22
Gantsi	-	18	-	170	-	-	-
Hukuntsi	5	98	6	123	-	-	7
Tsabong	-	223	-	248	-	-	8
WESTERN REGION	5	339	6	541	-	-	15
TOTAL TRADITIONAL	12,667	12,344	747	14,280	32	1,613	3,808

TABLE 7.7 AREA PLANTED BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops	Total
Barolong	1,537	1,414	-	315	-	-	0	3,266
Ngwaketse South	2,167	8,052	-	781	25	58	188	11,271
Ngwaketse North	1,865	5,685	-	1,885	56	12	127	9,630
Ngwaketse Central	1,385	11,467	-	1,514	-	146	298	14,810
Ngwaketse West	5,115	13,978	-	3,796	-	135	755	23,779
SOUTHERN REGION	12,069	40,596	-	8,291	81	351	1,368	62,756
Balete/Tlokweneng	75	174	-	24	0	-	-	273
Kweneng South	4,096	5,167	-	2,116	0	0	118	11,497
Kweneng North	7,038	7,853	23	2,675	0	103	3	17,695
Kweneng West	6,114	4,297	0	1,293	0	3	3	11,710
Kgatlang	4,222	3,805	335	1,292	0	19	106	9,779
GABORONE REGION	21,545	21,296	358	7,400	0	125	230	50,954
Mahalapye East	5,831	4,726	277	2,142	13	45	178	13,212
Mahalapye West	2,115	2,541	1	953	-	94	173	5,877
Palapye	9,559	4,787	112	3,798	-	239	725	19,220
Serowe	1,530	1,391	21	906	9	35	21	3,913
Bobonong	3,764	3,974	75	1,900	43	261	739	10,756
Letlhakane	201	1,226	20	236	0	10	29	1,722
Selebi-Phikwe	1,544	2,039	106	1,025	-	35	259	5,008
CENTRAL REGION	24,544	20,684	612	10,960	65	719	2,124	59,708
Tati	658	599	107	240	1	91	21	1,717
Tutume	3,124	3,344	981	856	-	355	191	8,851
Tonota	2,302	2,502	224	1,000	-	184	74	6,286
FRANCISTOWN REGION	6,084	6,445	1,312	2,096	1	630	286	16,854
Ngamiland West	957	1,903	925	203	1	40	36	4,065
Ngamiland East	473	1,716	276	588	5	1	15	3,074
Chobe	34	1,742	0	58	-	-	14	1,848
MAUN REGION	1,464	5,361	1,201	849	6	41	65	8,987
Gantsi	146	225	-	228	-	0	3	602
Hukuntsi	18	168	5	151	-	-	41	383
Tsabong	6	435	-	245	-	-	1	687
WESTERN REGION	170	828	5	624	-	0	45	1,672
TOTAL TRADITIONAL	65,876	95,210	3,488	30,220	153	1,866	4,118	200,931

TABLE 7.8 AREA HARVESTED BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops	Total
Barolong	939	430	-	276	-	-	-	1,645
Ngwaketse South	1,212	2,372	-	608	25	48	109	4,374
Ngwaketse North	1,330	3,479	-	1,180	-	12	90	6,091
Ngwaketse Central	1,115	6,651	-	963	-	146	279	9,154
Ngwaketse West	3,347	10,713	-	2,538	-	131	736	17,465
SOUTHERN REGION	7,943	23,645	-	5,565	25	337	1,214	38,729
Balete/Tlokweng	6	122	-	19	-	-	-	147
Kweneng South	463	968	-	513	-	-	-	1,944
Kweneng North	4,885	2,330	-	982	-	103	0	8,300
Kweneng West	4,418	1,843	-	473	-	3	-	6,737
Kgatleng	3,394	1,424	-	213	-	-	5	5,036
GABORONE REGION	13,166	6,687	-	2,200	-	106	5	22,164
Mahalapye East	2,379	431	73	549	-	8	40	3,480
Mahalapye West	622	464	-	311	-	31	13	1,441
Palapye	5,687	842	8	413	-	-	79	7,029
Serowe	70	174	-	18	9	-	-	271
Bobonong	343	794	39	754	16	67	388	2,401
Letlhakane	4	12	-	-	-	-	-	16
Selebi-Phikwe	55	123	-	213	-	13	6	410
CENTRAL REGION	9,160	2,840	120	2,258	25	119	526	15,048
Tati	-	25	-	-	-	-	-	25
Tutume	10	189	116	2	-	15	-	332
Tonota	454	-	-	55	-	14	-	523
FRANCISTOWN REGION	464	214	116	57	-	29	-	880
Ngamiland West	68	214	203	6	-	10	0	501
Ngamiland East	-	101	-	156	-	-	-	257
Chobe	-	882	-	57	-	-	0	939
MAUN REGION	68	1,197	203	219	-	10	0	1,697
Gantsi	-	14	-	74	-	-	-	88
Hukuntsi	3	48	5	89	-	-	0	145
Tsabong	-	331	-	236	-	-	0	567
WESTERN REGION	3	393	5	399	-	-	0	800
TOTAL TRADITIONAL	30,804	34,976	444	10,698	50	601	1,745	79,318

TABLE 7.9 PRODUCTION (METRIC TONNES) BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops	Total
Barolong	290	431	-	18	-	-	19	758
Ngwaketse South	326	367	-	107	7	8	578	1,393
Ngwaketse North	139	631	-	309	-	2	378	1,459
Ngwaketse Central	619	1,941	-	83	-	21	343	3,007
Ngwaketse West	158	1,216	-	333	-	24	868	2,599
SOUTHERN REGION	1,532	4,586	-	850	7	55	2,186	9,216
Balete/Tlokweneng	1	1	-	3	-	-	-	5
Kweneng South	70	94	-	34	-	-	-	198
Kweneng North	2,838	1,590	-	261	-	1	66	4,756
Kweneng West	527	229	-	121	-	1	-	878
Kgatleng	233	111	-	18	-	-	1	363
GABORONE REGION	3,669	2,025	-	437	-	2	67	6,200
Mahalapye East	302	28	8	295	-	2	1,933	2,568
Mahalapye West	52	14	-	86	-	7	42	201
Palapye	237	39	8	34	-	-	178	496
Serowe	10	16	-	2	2	-	-	30
Bobonong	21	36	4	38	4	17	671	791
Letlhakane	5	4	-	-	-	-	-	9
Selebi-Phikwe	9	14	-	11	-	-	87	121
CENTRAL REGION	636	151	20	466	6	26	2,911	4,216
Tati	-	4	-	-	-	-	-	4
Tutume	1	40	12	-	-	3	-	56
Tonota	14	-	-	4	-	26	-	44
FRANCISTOWN REGION	15	44	12	4	-	29	-	104
Ngamiland West	11	82	22	1	-	8	9	133
Ngamiland East	-	36	-	15	-	-	-	51
Chobe	-	150	-	13	-	-	1	164
MAUN REGION	11	268	22	29	-	8	10	348
Gantsi	-	1	-	10	-	-	-	11
Hukuntsi	-	9	-	15	-	-	5	29
Tsabong	-	63	-	90	-	-	7	160
WESTERN REGION	-	73	-	115	-	-	12	200
TOTAL TRADITIONAL	5,863	7,147	54	1,901	13	120	5,186	20,284

TABLE 7.10 YIELD PER AREA PLANTED (KG) BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops
Barolong	189	305	-	57	-	-	-
Ngwaketse South	150	46	-	137	280	138	3,074
Ngwaketse North	75	111	-	164	-	167	2,976
Ngwaketse Central	447	169	-	55	-	144	1,151
Ngwaketse West	31	87	-	88	-	178	1,150
SOUTHERN REGION	127	113	-	103	86	157	1,598
Balete/Tlokweng	13	6	-	125	-	-	-
Kweneng South	17	18	-	16	-	-	-
Kweneng North	403	202	-	98	-	10	22,000
Kweneng West	86	53	-	94	-	333	-
Kgatleng	55	29	-	14	-	-	9
GABORONE REGION	170	95	-	59	-	16	291
Mahalapye East	52	6	29	138	-	44	10,860
Mahalapye West	25	6	-	90	-	74	243
Palapye	25	8	71	9	-	-	246
Serowe	7	12	-	2	222	-	-
Bobonong	6	9	53	20	93	65	908
Letlhakane	25	3	-	-	-	-	-
Selebi-Phikwe	6	7	-	11	-	-	336
CENTRAL REGION	26	7	33	43	92	36	1,371
Tati	-	7	-	-	-	-	-
Tutume	-	12	12	-	-	8	-
Tonota	6	-	-	4	-	141	-
FRANCISTOWN REGION	2	7	9	2	-	46	-
Ngamiland West	11	43	24	5	-	200	250
Ngamiland East	-	21	-	26	-	-	-
Chobe	-	86	-	224	-	-	71
MAUN REGION	8	50	18	34	-	195	154
Gantsi	-	4	-	44	-	-	-
Hukuntsi	-	54	-	99	-	-	122
Tsabong	-	145	-	367	-	-	7,000
WESTERN REGION	-	88	-	184	-	-	267
TOTAL TRADITIONAL	89	75	15	63	85	64	1,259

TABLE 7.11 YIELD PER HECTARE HARVESTED (KG) BY CROP, DISTRICT AND REGION

District/Region	Sorghum	Maize	Millet	Pulses	Sunflower	Groundnuts	Other Crops
Barolong	309	1,002	-	65	-	-	-
Ngwaketse South	269	155	-	176	280	167	5,303
Ngwaketse North	105	181	-	262	-	167	4,200
Ngwaketse Central	555	292	-	86	-	144	1,229
Ngwaketse West	47	114	-	131	-	183	1,179
SOUTHERN REGION	193	194	-	153	280	163	1,801
Balete/Tlokweneng	167	8	-	158	-	-	-
Kweneng South	151	97	-	66	-	-	-
Kweneng North	581	682	-	266	-	10	-
Kweneng West	119	124	-	256	-	333	-
Kgatleng	69	78	-	85	-	-	200
GABORONE REGION	279	303	-	199	-	19	13,400
Mahalapye East	127	65	110	537	-	250	48,325
Mahalapye West	84	30	-	277	-	226	3,231
Palapye	42	46	1,000	82	-	-	2,253
Serowe	143	92	-	111	222	-	-
Bobonong	61	45	103	50	250	254	1,729
Letlhakane	1,250	333	-	-	-	-	-
Selebi-Phikwe	164	114	-	52	-	-	14,500
CENTRAL REGION	69	53	167	206	240	218	5,534
Tati	-	160	-	-	-	-	-
Tutume	100	212	103	-	-	200	-
Tonota	31	-	-	73	-	1,857	-
FRANCISTOWN REGION	32	206	103	70	-	1,000	-
Ngamiland West	162	383	108	167	-	800	-
Ngamiland East	-	356	-	96	-	-	-
Chobe	-	170	-	228	-	-	-
MAUN REGION	162	224	108	132	-	800	-
Gantsi	-	71	-	135	-	-	-
Hukuntsi	-	188	-	169	-	-	-
Tsabong	-	190	-	381	-	-	-
WESTERN REGION	-	186	-	288	-	-	-
TOTAL TRADITIONAL	190	204	122	178	260	200	2,972

TABLE 7.12 FOUR CROPS: HOLDINGS PLANTED AND AREA PLANTED BY DISTRICT AND REGION

District/ Region	Holdings Planted		Area Planted (Hectares)		Total Area Planted (Hectares)		Area Planted Per Holding
	Number	Percentage	Pure	Mixed	(Hectares)	Percentage	
Barolong	275	0.4	2,117	1,149	3,266	1.7	11.9
Ngwaketse South	2,076	3.4	5,132	5,868	11,000	5.6	5.3
Ngwaketse North	3,890	6.3	281	9,154	9,435	4.8	2.4
Ngwaketse Central	2,612	4.2	1,073	13,293	14,366	7.4	5.5
Ngwaketse West	3,377	5.5	11,006	11,883	22,889	11.8	6.8
SOUTHERN REGION	12,230	19.8	19,609	41,347	60,956	31.3	5.0
Balete/Tlokweneng	78	0.1	9	264	273	0.1	3.5
Kweneng South	3,419	5.5	655	10,724	11,379	5.8	3.3
Kweneng North	4,724	7.7	1,633	15,956	17,589	9.0	3.7
Kweneng West	3,506	5.7	866	10,838	11,704	6.0	3.3
Kgatleng	1,926	3.1	94	9,560	9,654	5.0	5.0
GABORONE REGION	13,653	22.1	3,257	47,342	50,599	26.0	3.7
Mahalapye East	4,054	6.6	253	12,723	12,976	6.7	3.2
Mahalapye West	2,163	3.5	379	5,231	5,610	2.9	2.6
Palapye	6,510	10.5	99	18,157	18,256	9.4	2.8
Serowe	2,071	3.4	314	3,534	3,848	2.0	1.9
Bobonong	4,046	6.6	46	9,667	9,713	5.0	2.4
Letlhakane	1,003	1.6	257	1,426	1,683	0.9	1.7
Selebi-Phikwe	1,834	3.0	5	4,709	4,714	2.4	2.6
CENTRAL REGION	21,681	35.1	1,353	55,447	56,800	29.2	2.6
Tati	859	1.4	19	1,585	1,604	0.8	1.9
Tutume	4,439	7.2	141	8,164	8,305	4.3	1.9
Tonota	2,345	3.8	191	5,837	6,028	3.1	2.6
FRANCISTOWN REGION	7,643	12.4	351	15,586	15,937	8.2	2.1
Ngamiland West	3,215	5.2	237	3,751	3,988	2.0	1.2
Ngamiland East	1,655	2.7	194	2,859	3,053	1.6	1.8
Chobe	716	1.2	905	929	1,834	0.9	2.6
MAUN REGION	5,586	9.0	1,336	7,539	8,875	4.6	1.6
Gantsi	368	0.6	-	599	599	0.3	1.6
Hukuntsi	277	0.4	-	342	342	0.2	1.2
Tsabong	294	0.5	13	673	686	0.4	2.3
WESTERN REGION	939	1.5	13	1,614	1,627	0.8	1.7
TOTAL TRADITIONAL	61,732	100.0	25,919	168,875	194,794	100.0	3.2

TABLE 7.13 FOUR CROPS: HOLDINGS HARVESTED AND AREA HARVESTED BY DISTRICT AND REGION

District/ Region	Holdings Harvested		Ratio of Holdings Harvested To Holdings Planted (%)	Area Harvested		Ratio of Area Harvested To Area Planted (%)	Area Harvested Per Holding
	Number	Percentage		(Hectares)	Percentage		
Barolong	1,362	5.6	495.3	1,645	2.1	50.4	1.2
Ngwaketse South	2,788	11.6	134.3	4,192	5.4	38.1	1.5
Ngwaketse North	1,368	5.7	35.2	5,989	7.8	63.5	4.4
Ngwaketse Central	1,779	7.4	68.1	8,729	11.3	60.8	4.9
Ngwaketse West		0.0	0.0	16,598	21.6	72.5	0.0
SOUTHERN REGION	7,297	30.3	59.7	37,153	48.3	61.0	5.1
Balete/Tlokweng	53	0.2	67.9	147	0.2	53.8	2.8
Kweneng South	871	3.6	25.5	1,944	2.5	17.1	2.2
Kweneng North	2,638	10.9	55.8	8,197	10.7	46.6	3.1
Kweneng West	1,907	7.9	54.4	6,734	8.8	57.5	3.5
Kgatleng	977	4.1	50.7	5,031	6.5	52.1	5.1
GABORONE REGION	6,446	26.7	47.2	22,053	28.7	43.6	3.4
Mahalapye East	2,291	9.5	56.5	3,432	4.5	26.4	1.5
Mahalapye West	1,090	4.5	50.4	1,397	1.8	24.9	1.3
Palapye	3,299	13.7	50.7	6,950	9.0	38.1	2.1
Serowe	95	0.4	4.6	262	0.3	6.8	2.8
Bobonong	1,051	4.4	26.0	1,930	2.5	19.9	1.8
Letlhakane	24	0.1	2.4	16	0.0	1.0	0.7
Selebi-Phikwe	410	1.7	22.4	391	0.5	8.3	1.0
CENTRAL REGION	8,260	34.3	38.1	14,378	18.7	25.3	1.7
Tati	40	0.2	4.7	25	0.0	1.6	0.6
Tutume	357	1.5	8.0	317	0.4	3.8	0.9
Tonota	122	0.5	5.2	509	0.7	8.4	4.2
FRANCISTOWN REGION	519	2.2	6.8	851	1.1	5.3	1.6
Ngamiland West	620	2.6	19.3	491	0.6	12.3	0.8
Ngamiland East	169	0.7	10.2	257	0.3	8.4	1.5
Chobe	171	0.7	23.9	939	1.2	51.2	5.5
MAUN REGION	960	4.0	17.2	1,687	2.2	19.0	1.8
Gantsi	170	0.7	46.2	83	0.1	14.7	0.5
Hukuntsi	163	0.7	58.8	145	0.2	42.4	0.9
Tsabong	294	1.2	100.0	567	0.7	82.7	1.9
WESTERN REGION	627	2.6	66.8	800	1.0	49.2	1.3
TOTAL TRADITIONAL	24,109	100.0	39.1	76,922	100.0	39.5	3.2

TABLE 7.14 FOUR CROPS: TOTAL PRODUCTION BY DISTRICT AND REGION

District/ Region	Total Production		Production Per Harvested Holding (Kg)	Average Yield Per Area Planted (Kg)	Average Yield Per Area Harvested (Kg)
	Tonnes	Percentage			
Barolong	739	4.9	543	226	449
Ngwaketse South	800	5.3	287	73	191
Ngwaketse North	1,079	7.2	789	114	180
Ngwaketse Central	2,643	17.7	1,486	184	303
Ngwaketse West	1,707	11.4	-	75	103
SOUTHERN REGION	6,968	46.6	955	114	188
Balete/Tlokweng	5	0.0	94	18	34
Kweneng South	198	1.3	227	17	102
Kweneng North	4,689	31.3	1,777	267	572
Kweneng West	877	5.9	460	75	130
Kgatleng	362	2.4	371	37	72
GABORONE REGION	6,131	41.0	951	121	278
Mahalapye East	633	4.2	276	49	184
Mahalapye West	152	1.0	139	27	109
Palapye	318	2.1	96	17	46
Serowe	28	0.2	295	7	107
Bobonong	99	0.7	94	10	51
Letlhakane	9	0.1	375	5	563
Selebi-Phikwe	34	0.2	83	7	87
CENTRAL REGION	1,273	8.5	154	22	89
Tati	4	0.0	100	2	160
Tutume	53	0.4	148	6	167
Tonota	18	0.1	148	3	35
FRANCISTOWN REGION	75	0.5	145	5	88
Ngamiland West	116	0.8	187	29	236
Ngamiland East	51	0.3	302	17	198
Chobe	163	1.1	953	89	174
MAUN REGION	330	2.2	344	37	196
Gantsi	11	0.1	65	18	125
Hukuntai	24	0.2	147	70	166
Tsabong	153	1.0	520	223	270
WESTERN REGION	188	1.3	300	116	235
TOTAL TRADITIONAL	14,965	100.0	621	77	195

TABLE 8.1: TOTAL FARMS, CROPS, CATTLE, GOATS, SHEEP, DONKEYS/MULES, HORSES, DOGS, CHICKEN, PIGS AND OTHER LIVESTOCK FARMS BY BLOCK

Block	Total Farms	Crops	Cattle	Goats	Sheep	Donkeys	Horses	Chickens	Dogs	Ostriches	Pigs	Other Livestock
Tuli Block	14	6	10	2	4	-	4	-	5	2	-	-
Tati Block	39	5	39	19	9	2	7	18	24	-	4	5
Gantsi Freehold	36	-	31	13	13	11	23	11	19	6	3	5
Molopo Freehold	2	1	1	1	1	1	1	2	2	-	-	-
Pandamatenga Freehold	10	10	2	1	2	-	1	2	7	-	-	2
Lobatse Freehold	23	7	15	4	5	3	6	11	14	2	3	4
Sand Veldt TGLP Ranch	9	-	9	7	2	4	4	4	5	-	-	-
Ngwaketse TGLP Ranch	65	1	63	36	25	14	43	28	29	3	-	2
Ghanzi TGLP	18	1	18	12	9	9	11	8	11	-	-	2
Kgalagadi TGLP Ranches	4	1	4	3	2	-	2	2	2	-	-	-
Kweneng TGLP Ranches	28	-	27	13	4	19	18	10	15	-	-	-
Haina Veldt TGLP	16	1	13	13	12	13	15	7	14	6	-	3
Nata TGLP Ranches	22	-	16	12	4	5	2	8	13	-	-	-
Lepasha TGLP	12	-	12	12	2	7	6	8	8	-	-	-
Barolong Farms	12	4	10	7	3	2	5	5	4	2	2	1
TOTAL COMMERCIAL	310	37	270	155	97	90	148	124	172	21	12	24

TABLE 8.2. CATTLE, GOATS, SHEEP, DONKEYS/MULES, HORSES, DOGS, CHICKEN, PIGS AND OTHER LIVESTOCK POPULATION BY BLOCK

Block	Cattle	Goats	Sheep	Donkeys	Horses	Chicken	Ostriches	Pigs	Dogs	Other Livestock
Tuli Block	1,739	120	275	-	28	-	50	-	16	-
Tati Block	6,118	966	132	20	27	5,280	-	21	139	9
Gantsi Freehold	31,041	2,083	1,855	217	448	200	34	19	83	1,535
Molopo Freehold	115	95	95	80	100	240	-	-	22	-
Pandamatenga Freehold	64	6	63	-	1	33	-	-	15	2
Lobatse Freehold	4,399	382	159	49	89	20,662	145	35	46	640
Sand Veldt TGLP Ranche	4,585	666	42	63	20	139	-	-	71	-
Ngwaketse TGLP Ranche	17,802	2,907	1,283	144	527	625	42	-	101	321
Ghanzi TGLP	16,969	790	343	92	108	142	-	-	45	62
Kgalagadi TGLP Ranches	17,119	272	135	-	62	9	-	-	5	-
Kweneng TGLP Ranches	2,658	444	82	113	65	128	-	-	39	-
Haina Veldt TGLP	3,288	2,051	576	125	200	186	100	-	82	448
Nata TGLP Ranches	2,281	265	60	26	12	125	16	-	66	-
Lepasha TGLP	3,194	346	37	49	28	133	-	-	38	-
Barolong Farms	4,914	663	127	7	71	4,183	119	43	12	47
TOTAL COMMERCIAL	116,286	12,056	5,264	985	1,786	32,085	506	118	780	3,064

TABLE 9.1 GOATS FARMS AND POPULATION BY BLOCK

Block	Goats Farms		Total Goats		Average number of Goats Per Farm
	Number	Percentage	Number	Percentage	
Tuli Block	2	1.3	120	1.0	60
Tati Block	19	12.3	966	8.0	51
Gantsi Freehold	13	8.4	2,083	17.3	160
Molopo Freehold	1	0.6	95	0.8	95
Pandamatenga Freehold	1	0.6	6	0.0	6
Lobatse Freehold	4	2.6	382	3.2	96
Sand Veldt TGLP Ranches	7	4.5	666	5.5	95
Ngwaketse TGLP Ranches	36	23.2	2,907	24.1	81
Ghanzi TGLP	12	7.7	790	6.6	66
Kgalagadi TGLP Ranches	3	1.9	272	2.3	91
Kweneng TGLP Ranches	13	8.4	444	3.7	34
Haina Veldt TGLP	13	8.4	2,051	17.0	158
Nata TGLP Ranches	12	7.7	265	2.2	22
Lepasha TGLP	12	7.7	346	2.9	29
Barolong Farms	7	4.5	663	5.5	95
TOTAL COMMERCIAL	155	100.0	12,056	100.0	78

TABLE 9.2 GOATS FARMS AND POPULATION BY FLOCK SIZE

Flock Size	Goat Farms		Total Goats		Average Number of Goats Per Farm
	Number	Percentage	Number	Percentage	
1 - 20	30	19.4	308	2.6	10
21 - 40	31	20.0	882	7.3	28
41 - 60	32	20.6	1,580	13.1	49
61 - 80	14	9.0	1,001	8.3	72
81 - 100	13	8.4	1,176	9.8	90
101 - 120	7	4.5	783	6.5	112
121 - 140	5	3.2	666	5.5	133
141 - 160	5	3.2	754	6.3	151
161 - 180	5	3.2	855	7.1	171
181 - 200	2	1.3	387	3.2	194
201 +	11	7.1	3,664	30.4	333
TOTAL COMMERCIAL	155	100.0	12,056	100.0	78

TABLE 9.3 GOAT COMPOSITION BY BLOCK

Block	Males One Year and Over	Females One Year and Over	Males Under One Year	Females Under One Year	Total Goats
Tuli Block	6	55	31	28	120
Tati Block	152	525	132	157	966
Gantsi Freehold	336	1,295	229	223	2,083
Molopo Freehold	25	50	10	10	95
Pandamatenga Freehold	2	4	-	-	6
Lobatse Freehold	56	247	42	37	382
Sand Veldt TGLP Ranches	145	363	76	82	666
Ngwaketse TGLP Ranches	615	1,570	339	383	2,907
Ghanzi TGLP	143	464	80	103	790
Kgalagadi TGLP Ranches	46	142	41	43	272
Kweneng TGLP Ranches	89	253	48	54	444
Haina Veldt TGLP	323	1,250	209	269	2,051
Nata TGLP Ranches	60	137	31	37	265
Lepasha TGLP	47	194	50	55	346
Barolong Farms	60	426	64	113	663
TOTAL COMMERCIAL	2,105	6,975	1,382	1,594	12,056

TABLE 9.4 GOAT COMPOSITION BY FLOCK SIZE

Flock Size	Males One Year and Over	Females One Year and Over	Males Under One Year	Females Under One Year	Total Goats
1 - 20	57	171	31	49	308
21 - 40	184	490	101	107	882
41 - 60	244	965	167	204	1,580
61 - 80	237	517	124	123	1,001
81 - 100	200	696	121	159	1,176
101 - 120	119	446	114	104	783
121 - 140	131	355	78	102	666
141 - 160	111	407	117	119	754
161 - 180	199	485	74	97	855
181 - 200	65	196	72	54	387
201 +	558	2,247	383	476	3,664
TOTAL COMMERCIAL	2,105	6,975	1,382	1,594	12,056

TABLE 9.5 GOATS: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY BLOCK

Block	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
Tuli Block	99	55	22	-	-	22
Tati Block	425	281	66	68	23	111
Gantsi Freehold	716	512	292	78	20	350
Molopo Freehold	50	30	-	10	-	10
Pandamatenga Freehold	-	-	-	-	-	-
Lobatse Freehold	98	43	169	14	300	117
Sand Veldt TGLP Ranches	272	230	32	40	2	70
Ngwaketse TGLP Ranches	1,032	655	201	257	110	348
Ghanzi TGLP	312	476	9	39	-	48
Kgalagadi TGLP Ranches	120	90	22	-	5	17
Kweneng TGLP Ranches	227	188	156	44	1	199
Haina Veldt TGLP	705	309	295	59	212	142
Nata TGLP Ranches	118	101	2	17	5	14
Lepasha TGLP	217	207	25	24	-	49
Barolong Farms	239	168	26	4	1	29
TOTAL COMMERCIAL	4,630	3,345	1,317	654	679	1,292

TABLE 9.6 GOATS: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY FLOCK SIZE

Flock Size	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
1 - 20	171	236	10	39	2	47
21 - 40	437	410	50	56	12	94
41 - 60	642	812	211	126	21	316
61 - 80	490	423	38	80	12	106
81 - 100	448	232	173	50	-	223
101 - 120	329	240	154	29	12	171
121 - 140	240	99	15	14	120	91
141 - 160	298	108	40	44	-	84
161 - 180	286	206	96	40	173	37
181 - 200	207	96	36	39	-	75
201 +	1,082	483	494	137	327	304
TOTAL COMMERCIAL	4,630	3,345	1,317	654	679	1,292

TABLE 9.7 GOAT: TOTAL SALES, TOTAL REVENUE (PULA) AND AVERAGE PRICES BY BLOCK

Block	Farm Selling		Number of Goats Sold		Total Amount Received (PULA)	Revenue Per Farm Selling (PULA)	Average Price Per Goat (PULA)
	Number	Percentage	Number	Percentage			
Tuli Block	1	2.0	22	1.7	4,400	4,400	200
Tati Block	5	9.8	66	5.0	11,310	2,262	171
Gantsi Freehold	7	13.7	292	22.2	74,700	10,671	256
Molopo Freehold	-	-	-	-	-	-	-
Pandamatenga Freehold	-	-	-	-	-	-	-
Lobatse Freehold	2	3.9	169	12.8	49,960	24,980	296
Sand Veldt TGLP Ranches	2	3.9	32	2.4	9,300	4,650	291
Ngwaketse TGLP Ranches	12	23.5	201	15.3	65,078	5,423	324
Ghanzi TGLP	2	3.9	9	0.7	2,650	1,325	294
Kgalagadi TGLP Ranches	2	3.9	22	1.7	3,610	1,805	164
Kweneng TGLP Ranches	7	13.7	156	11.8	37,150	5,307	238
Haina Veldt TGLP	7	13.7	295	22.4	79,850	11,407	271
Nata TGLP Ranches	1	2.0	2	0.2	400	400	200
Lepasha TGLP	2	3.9	25	1.9	5,005	2,503	200
Barolong Farms	1	2.0	26	2.0	4,870	4,870	187
TOTAL COMMERCIAL	51	100.0	1,317	100.0	348,283	6,829	264

TABLE 9.8 SHEEP FARMS AND POPULATION BY BLOCK

Block	Sheep Farms		Total Sheep		Average Number of Sheep Per Farm
	Number	Percentage	Number	Percentage	
Tuli Block	4	4.1	275	5.2	69
Tati Block	9	9.3	132	2.5	15
Gantsi Freehold	13	13.4	1,855	35.2	143
Molopo Freehold	1	1.0	95	1.8	95
Pandamatenga Freehold	2	2.1	63	1.2	32
Lobatse Freehold	5	5.2	159	3.0	32
Sand Veldt TGLP Ranches	2	2.1	42	0.8	21
Ngwaketse TGLP Ranches	25	25.8	1,283	24.4	51
Ghanzi TGLP	9	9.3	343	6.5	38
Kgalagadi TGLP Ranches	2	2.1	135	2.6	68
Kweneng TGLP Ranches	4	4.1	82	1.6	21
Haina Veldt TGLP	12	12.4	576	10.9	48
Nata TGLP Ranches	4	4.1	60	1.1	0.0
Lepasha TGLP	2	2.1	37	0.7	0.0
Barolong Farms	3	3.1	127	2.4	0.0
TOTAL COMMERCIAL	97	100.0	5,264	100.0	54

TABLE 9.9 SHEEP FARMS AND POPULATION BY FLOCK SIZE

Flock Size	Sheep Farms		Total Sheep		Average Number of Sheep Per Farm
	Number	Percentage	Number	Percentage	
1 - 20	32	33.0	292	5.5	9
21 - 40	25	25.8	791	15.0	32
41 - 60	15	15.5	717	13.6	48
61 - 80	9	9.3	607	11.5	67
81 - 100	1	1.0	95	1.8	95
101 - 120	5	5.2	556	10.6	111
121 - 140	2	2.1	266	5.1	133
141 - 160	1	1.0	151	2.9	151
161 - 180	-	-	-	-	-
181 - 200	1	1.0	186	3.5	186
201 +	6	6.2	1,603	30.5	267
TOTAL COMMERCIAL	97	100.0	5,264	100.0	54

TABLE 9.10 SHEEP COMPOSITION BY BLOCK

Block	Males One Year and Over	Females One Year and Over	Males Under One Year	Females Under One Year	Total Sheep
Tuli Block	50	143	37	45	275
Tati Block	31	69	15	17	132
Gantsi Freehold	532	857	226	240	1,855
Molopo Freehold	25	50	10	10	95
Pandamatenga Freehold	13	33	5	12	63
Lobatse Freehold	13	100	18	28	159
Sand Veldt TGLP Ranches	6	21	7	8	42
Ngwaketse TGLP Ranches	246	781	105	151	1,283
Ghanzi TGLP	73	195	39	36	343
Kgalagadi TGLP Ranches	30	60	32	13	135
Kweneng TGLP Ranches	16	48	10	8	82
Haina Veldt TGLP	116	367	42	51	576
Nata TGLP Ranches	10	31	6	13	60
Lepasha TGLP	4	28	3	2	37
Barolong Farms	28	55	1	43	127
TOTAL COMMERCIAL	1,193	2,838	556	677	5,264

TABLE 9.11 SHEEP COMPOSITION BY FLOCK SIZE

Flock Size	Males One Year and Over	Females One Year and Over	Males Under One Year	Females Under One Year	Total Sheep
1 - 20	68	168	30	26	292
21 - 40	147	447	81	116	791
41 - 60	139	375	61	142	717
61 - 80	91	417	46	53	607
81 - 100	25	50	10	10	95
101 - 120	136	290	70	60	556
121 - 140	52	127	43	44	266
141 - 160	31	80	20	20	151
161 - 180	-	-	-	-	-
181 - 200	21	120	30	15	186
201 +	483	764	165	191	1,603
TOTAL COMMERCIAL	1,193	2,838	556	677	5,264

TABLE 9.12 SHEEP: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY BLOCK

Block	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
Tuli Block	106	28	25	14	-	39
Tati Block	50	34	-	3	-	3
Gantsi Freehold	634	321	252	116	13	355
Molopo Freehold	50	30	-	10	-	10
Pandamatenga Freehold	17	-	60	8	-	68
Lobatse Freehold	60	15	58	19	90	13
Sand Veldt TGLP Ranches	39	32	21	10	-	31
Ngwaketse TGLP Ranches	398	315	98	66	10	154
Ghanzi TGLP	148	131	5	13	-	18
Kgalagadi TGLP Ranches	65	47	20	7	-	27
Kweneng TGLP Ranches	44	50	6	12	-	18
Haina Veldt TGLP	103	40	37	17	14	40
Nata TGLP Ranches	26	24	4	4	-	8
Lepasha TGLP	14	15	-	4	-	4
Barolong Farms	63	32	22	9	-	31
TOTAL COMMERCIAL	1,817	1,114	608	312	127	793

TABLE 9.13 SHEEP: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY FLOCK SIZE

Flock Size	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
1 - 20	107	190	75	39	74	40
21 - 40	314	179	87	44	-	131
41 - 60	299	229	42	58	14	86
61 - 80	178	113	42	34	32	44
81 - 100	50	30	-	10	-	10
101 - 120	154	60	317	34	1	350
121 - 140	110	46	-	14	-	14
141 - 160	73	34	-	6	2	4
161 - 180	-	-	-	-	-	-
181 - 200	82	42	-	10	-	10
201 +	450	191	45	63	4	104
TOTAL COMMERCIAL	1,817	1,114	608	312	127	793

TABLE 9.14 SHEEP: TOTAL SALES, TOTAL REVENUE (PULA) AND AVERAGE PRICES BY BLOCK

Block	Farms Selling		Number of Sheep Sold		Total Revenue	Revenue Received Per	Average Price
	Number	Percentage	Number	Percentage	Received (PULA)	Farm Selling (PULA)	Per Sheep (PULA)
Tuli Block	1	3.8	25	4.1	5,000	5,000	200
Tati Block	-	-	-	-	-	-	-
Gantsi Freehold	2	7.7	252	41.4	50,500	25,250	200
Molopo Freehold	-	-	-	-	-	-	-
Pandamatenga Freehold	1	3.8	60	9.9	12,000	12,000	200
Lobatse Freehold	1	3.8	58	9.5	19,024	19,024	328
Sand Veldt TGLP Ranches	1	3.8	21	3.5	5,250	5,250	250
Ngwaketse TGLP Ranches	10	38.5	98	16.1	43,090	4,309	440
Ghanzi TGLP	1	3.8	5	0.8	1,450	1,450	290
Kgalagadi TGLP Ranches	1	3.8	20	3.3	3,000	3,000	150
Kweneng TGLP Ranches	1	3.8	6	1.0	900	900	150
Haina Veldt TGLP	3	11.5	37	6.1	6,910	2,303	187
Nata TGLP Ranches	3	11.5	4	0.7	610	203	153
Lepasha TGLP	-	-	-	-	-	-	-
Barolong Farms	1	3.8	22	3.6	6,195	6,195	282
TOTAL COMMERCIAL	26	100.0	608	100.0	147,734	5,682	243

TABLE 10.1 CATTLE FARMS AND POPULATION BY BLOCK

Block	Cattle Farms		Total Cattle		Average Number of Cattle Per Farm
	Number	Percentage	Number	Percentage	
Tuli Block	10	3.7	1,739	1.5	174
Tati Block	39	14.4	6,118	5.3	157
Gantsi Freehold	31	11.5	31,041	26.7	1,001
Molopo Freehold	1	0.4	115	0.1	115
Pandamatenga Freehold	2	0.7	64	0.1	32
Lobatse Freehold	15	5.6	4,399	3.8	293
Sand Veldt TGLP Ranches	9	3.3	4,585	3.9	509
Ngwaketse TGLP Ranches	63	23.3	17,802	15.3	283
Ghanzi TGLP	18	6.7	16,969	14.6	943
Kgalagadi TGLP Ranches	4	1.5	17,119	14.7	4,280
Kweneng TGLP Ranches	27	10.0	2,658	2.3	98
Haina Veldt TGLP	13	4.8	3,288	2.8	253
Nata TGLP Ranches	16	5.9	2,281	2.0	143
Lepasha TGLP	12	4.4	3,194	2.7	266
Barolong Farms	10	3.7	4,914	4.2	491
TOTAL COMMERCIAL	270	100.0	116,286	100.0	431

TABLE 10.2 CATTLE FARMS AND POPULATION BY CATTLE HERD SIZE

Herd Size	Cattle Farms		Total Cattle		Average Number of Cattle Per Farm
	Number	Percentage	Number	Percentage	
1 - 50	51	18.9	1,584	1.4	31
51 - 100	47	17.4	3,610	3.1	77
101 - 150	34	12.6	4,184	3.6	123
151 - 200	18	6.7	3,223	2.8	179
201 - 300	27	10.0	6,678	5.7	247
301 - 400	24	8.9	8,360	7.2	348
401 - 500	19	7.0	8,340	7.2	439
501 - 1000	34	12.6	23,125	19.9	680
1001 - 1500	7	2.6	8,858	7.6	1,265
1501 +	9	3.3	48,324	41.6	5,369
TOTAL COMMERCIAL	270	100.0	116,286	100.0	431

TABLE 10.3 CATTLE HERD COMPOSITION BY BLOCK

Block	Bulls	Oxen	Cows	Tollies	Heifers	Calves	Total Cattle
Tuli Block	37	221	795	156	216	314	1,739
Tati Block	146	363	2,976	627	993	1,013	6,118
Gantsi Freehold	896	1,725	13,041	3,440	4,486	7,453	31,041
Molopo Freehold	2	5	48	10	25	25	115
Pandamatenga Freehold	1	2	35	3	11	12	64
Lobatse Freehold	135	352	1,499	843	1,192	378	4,399
Sand Veldt TGLP Ranches	93	442	1,841	556	695	958	4,585
Ngwaketse TGLP Ranches	351	1,361	8,111	2,426	2,707	2,846	17,802
Ghanzi TGLP	253	2,921	5,741	2,499	2,758	2,797	16,969
Kgalagadi TGLP Ranches	531	540	7,014	3,617	4,227	1,190	17,119
Kweneng TGLP Ranches	48	19	1,668	263	233	427	2,658
Haina Veldt TGLP	63	209	1,658	272	456	630	3,288
Nata TGLP Ranches	34	176	1,060	301	293	417	2,281
Lepasha TGLP	37	208	1,602	302	443	602	3,194
Barolong Farms	238	202	2,565	276	582	1,051	4,914
TOTAL COMMERCIAL	2,865	8,746	49,654	15,591	19,317	20,113	116,286

TABLE 10.4 CATTLE HERD COMPOSITION BY CATTLE HERD SIZE

Herd Size	Bulls	Oxen	Cows	Tollies	Heifers	Calves	Total Cattle
1 - 50	58	79	730	161	261	295	1,584
51 - 100	85	143	1,738	439	559	646	3,610
101 - 150	83	248	1,956	487	639	771	4,184
151 - 200	65	301	1,484	233	510	630	3,223
201 - 300	307	398	3,109	687	969	1,208	6,678
301 - 400	203	506	4,130	976	1,195	1,350	8,360
401 - 500	346	891	4,088	689	1,211	1,115	8,340
501 - 1000	519	1,023	10,730	2,393	3,498	4,962	23,125
1001 - 1500	189	354	3,073	1,814	2,058	1,370	8,858
1501 +	1,010	4,803	18,616	7,712	8,417	7,766	48,324
TOTAL COMMERCIAL	2,865	8,746	49,654	15,591	19,317	20,113	116,286

TABLE 10.5 CATTLE: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY BLOCK

Block	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
Tuli Block	420	168	289	8	10	287
Tati Block	1,454	613	1,923	41	104	1,860
Gantsi Freehold	8,027	1,034	5,215	79	788	4,506
Molopo Freehold	28	7	7	4	-	11
Pandamatenga Freehold	12	-	120	1	-	121
Lobatse Freehold	507	305	6,306	11	4,599	1,718
Sand Veldt TGLP Ranches	1,067	239	892	20	4	908
Ngwaketse TGLP Ranches	3,002	772	3,777	89	762	3,104
Gantsi TGL	3,112	898	1,348	32	376	1,004
Kgalagadi TGLP Ranches	1,293	448	2,685	16	-	2,701
Kweneng TGLP Ranches	613	299	419	26	736	291
Haina Veldt TGLP	689	84	773	20	6	787
Nata TGLP Ranches	549	291	177	9	63	123
Lepasha TGLP	789	252	240	12	7	245
Barolong Farms	1,171	177	352	5	1	356
TOTAL COMMERCIAL	22,733	5,587	24,523	373	7,456	17,440

TABLE 10.6 CATTLE: BIRTHS, DEATHS, SALES, HOME SLAUGHTER, PURCHASES AND OFFTAKE BY CATTLE HERD SIZE

Herd Size	Births	Deaths	Sales	Home Slaughter	Purchases	Offtake
1 - 50	387	201	530	23	16	537
51 - 100	786	304	1,874	38	166	1,746
101 - 150	903	313	1,026	58	122	962
151 - 200	746	186	718	30	61	687
201 - 300	1,443	459	1,163	49	1,480	268
301 - 400	1,463	509	3,638	14	1,900	1,752
401 - 500	1,697	855	2,044	15	85	1,974
501 - 1000	5,518	926	3,229	82	1,057	2,254
1001 - 1500	1,550	376	4,298	11	2,008	2,301
1501 +	8,240	1,458	6,003	53	561	5,495
TOTAL COMMERCIAL	22,733	5,587	24,523	373	7,456	17,440

TABLE 10.7 CATTLE: TOTAL SALES BY TYPE OF BUYER AND BLOCK

Block	BMC	BMC Agent	Co-operative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Others	Total Sales
Tuli Block	-	-	-	41	-	-	-	-	245	286
Tati Block	142	1	-	115	-	853	-	-	810	1,921
Gantsi Freehold	3,305	187	100	822	-	-	-	78	28	4,520
Molopo Freehold	7	-	-	-	-	-	-	-	-	7
Pandamatenga Freehold	-	-	-	-	-	-	-	-	120	120
Lobatse Freehold	3,075	10	-	220	113	-	-	-	2,868	6,286
Sand Veldt TGLP Ranches	253	441	40	60	-	20	-	-	69	883
Ngwaketse TGLP Ranches	2,693	4	-	636	29	-	10	4	304	3,680
Gantsi TGLP	856	16	-	22	62	-	-	29	181	1,166
Kgalagadi TGLP Ranches	1,603	-	-	50	-	-	-	-	1,000	2,653
Kweneng TGLP Ranches	29	18	27	202	80	-	2	44	-	402
Haina Veldt TGLP	181	-	192	281	-	-	-	-	95	749
Nata TGLP Ranches	138	12	-	10	-	-	-	-	17	177
Lepasha TGLP	167	-	25	-	-	-	-	-	45	237
Barolong Farms	-	-	-	130	201	-	-	-	16	347
TOTAL COMMERCIAL	12,449	689	384	2,589	485	873	12	155	5,798	23,434

TABLE 10.8 CATTLE: TOTAL REVENUE RECEIVED (PULA) BY TYPE OF BUYER AND BLOCK

Block	BMC	BMC Agent	Co-operative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Others	Total Revenue (PULA)
Tuli Block	-	-	-	58,450	-	-	-	-	299,886	358,336
Tati Block	141,000	1,485	-	261,400	-	1,472,000	-	-	1,277,350	3,153,235
Gantsi Freehold	4,034,667	239,790	82,500	1,071,600	-	-	-	76,494	33,350	5,538,401
Molopo Freehold	7,000	-	-	-	-	-	-	-	-	7,000
Pandamatenga Freehold	-	-	-	-	-	-	-	-	108,000	108,000
Lobatse Freehold	1,894,000	10,786	-	314,750	90,400	-	-	-	3,671,858	5,981,794
Sand Veldt TGLP Ranches	247,702	385,931	52,000	78,000	-	30,000	-	-	74,300	867,933
Ngwaketse TGLP Ranches	3,271,097	4,200	-	745,250	30,200	-	10,000	8,000	327,276	4,396,023
Gantsi TGLP	1,005,513	28,000	-	22,000	57,300	-	-	33,085	129,400	1,275,298
Kgalagadi TGLP Ranches	1,847,000	-	-	65,000	-	-	-	-	1,500,000	3,412,000
Kweneng TGLP Ranches	35,708	15,600	38,850	302,000	74,030	-	2,620	37,910	-	506,718
Haina Veldt TGLP	155,000	-	144,000	220,250	-	-	-	-	101,500	620,750
Nata TGLP Ranches	166,354	10,200	-	8,500	-	-	-	-	11,300	196,354
Lepasha TGLP	159,465	-	25,500	-	-	-	-	-	44,457	229,422
Barolong Farms	-	-	-	114,000	186,111	-	-	-	9,200	309,311
TOTAL COMMERCIAL	12,964,506	695,992	342,850	3,261,200	438,041	1,502,000	12,620	155,489	7,587,877	26,960,575

NB: Figures for both tables (10.7 & 10.8) exclude bulls.

TABLE 10.9 CATTLE: AVERAGE PRICES (PULA) BY TYPE OF BUYER AND BLOCK

Block	BMC	BMC Agent	Co-operative	Another Farmer	Auction Sale	Municipal Abattoir	Local Abattoir	Trader	Others
Tuli Block	-	-	-	1,426	-	-	-	-	1,224
Tati Block	993	1,485	-	2,273	-	1,726	-	-	1,577
Gantsi Freehold	1,221	1,282	825	1,304	-	-	-	981	1,191
Molopo Freehold	1,000	-	-	-	-	-	-	-	-
Pandamatenga Freehold	-	-	-	-	-	-	-	-	900
Lobatse Freehold	616	1,079	-	1,431	800	-	-	-	1,280
Sand Veldt TGLP Ranches	979	875	1,300	1,300	-	1,500	-	-	1,077
Ngwaketse TGLP Ranches	1,215	1,050	-	1,172	1,041	-	1,000	2,000	1,077
Gantsi TGLP	1,175	1,750	-	1,000	924	-	-	1,141	715
Kgalagadi TGLP Ranches	1,152	-	-	1,300	-	-	-	-	1,500
Kweneng TGLP Ranches	1,231	867	1,439	1,495	925	-	1,310	862	-
Haina Veldt TGLP	856	-	750	784	-	-	-	-	1,068
Nata TGLP Ranches	1,205	850	-	850	-	-	-	-	665
Lepasha TGLP	955	-	1,020	-	-	-	-	-	988
Barolong Farms	-	-	-	877	926	-	-	-	575
TOTAL COMMERCIAL	1,041	1,010	893	1,260	903	1,721	1,052	1,003	1,309

TABLE 10.10 CATTLE: TOTAL SALES, TOTAL REVENUE RECEIVED (PULA) AND AVERAGE PRICES BY BLOCK

Block	Number of Farms Selling	Number of Cattle Sold	Total Revenue Received (PULA)	Revenue Received Per Farm (PULA)	Average Price Per Herd
Tuli Block	6	286	358,336	59,723	1,253
Tati Block	30	1,921	3,153,235	105,108	1,641
Gantsi Freehold	22	4,520	5,538,401	251,746	1,225
Molopo Freehold	2	7	7,000	3,500	1,000
Pandamatenga Freehold	1	120	108,000	108,000	900
Lobatse Freehold	8	6,286	5,981,794	747,724	952
Sand Veldt TGLP Ranches	8	883	867,933	108,492	983
Ngwaketse TGLP Ranches	54	3,680	4,396,023	81,408	1,195
Gantsi TGLP	8	1,166	1,275,298	159,412	137
Kgalagadi TGLP Ranches	3	2,653	3,412,000	1,137,333	1,286
Kweneng TGLP Ranches	21	402	506,718	24,129	1,260
Haina Veldt TGLP	13	749	620,750	47,750	829
Nata TGLP Ranches	13	177	196,354	15,104	1,109
Lepasha TGLP	6	237	229,422	38,237	968
Barolong Farms	6	347	309,311	51,552	891
TOTAL COMMERCIAL	201	23,434	26,960,575	134,132	1,150

TABLE 10.11 BULLS: TOTAL SALES, TOTAL REVENUE RECEIVED (PULA) AND AVERAGE PRICE BY BLOCK

Block	Number of Farms Selling Bulls	Number of Bulls Sold	Total Revenue Received (PULA)	Revenue Received Per Farm (PULA)	Average Price Per Bull
Tuli Block	1	3	9,000	9,000	3,000
Tati Block	2	2	1,700	850	850
Gantsi Freehold	7	695	1,178,255	168,322	1,695
Molopo Freehold	-	-	-	-	-
Pandamatenga Freehold	-	-	-	-	-
Lobatse Freehold	2	20	80,000	40,000	4,000
Sand Veldt TGLP Ranches	2	9	19,000	9,500	2,111
Ngwaketse TGLP Ranches	8	97	222,700	27,838	2,296
Gantsi TGLP	4	182	280,835	70,209	1,543
Kgalagadi TGLP Ranches	1	32	74,400	74,400	2,325
Kweneng TGLP Ranches	2	17	68,500	34,250	4,029
Haina Veldt TGLP	1	24	24,000	24,000	1,000
Nata TGLP Ranches	-	-	-	-	-
Lepasha TGLP	1	3	3,600	3,600	1,200
Barolong Farms	1	5	11,000	11,000	2,200
TOTAL COMMERCIAL	32	1,089	1,972,990	61,656	1,812

TABLE 11.1 TOTAL FARMS, CROP FARMS, FARMS HARVESTED, AREA PLANTED AND HARVESTED BY BLOCK

Block	Number of Farms	Number of Farms Planted	Number of Farms Harvested	Total Area Planted (HA)	Harvested (HA)	Area Planted Per Crop Farm (HA)	Area Harvested Per Crop Farm (HA)
Tuli Block	8	6	6	111	94	19	16
Tati Block	6	5	5	21	11	4	2
Gantsi Freehold	2	-	-	-	-	-	-
Molopo Freehold	1	1	1	170	170	170	170
Pandamatenga Freehold	10	10	10	10,888	10,880	1,089	1,088
Lobatse Freehold	8	7	6	445	431	64	62
Sand Veldt TGLP Ranches	1	-	-	-	-	-	-
Ngwaketse TGLP Ranches	1	1	1	9	9	9	9
Gantsi TGLP	1	1	1	8	6	8	6
Kgalagadi TGLP Ranches	1	1	1	99	99	99	99
Kweneng TGLP Ranches	-	-	-	-	-	-	-
Haina Veldt TGLP	1	1	-	6	-	6	-
Nata TGLP Ranches	-	-	-	-	-	-	-
Lepasha TGLP	4	-	-	-	-	-	-
Barolong Farms	4	4	3	522,003	522,001	130,501	130,500
TOTAL COMMERCIAL	48	37	34	533,760	533,701	14,426	14,424

TABLE 11.2 FARMS PLANTED BY CROP AND BLOCK

Block	Sorghum	Maize	(Pulses) Cowpeas	Sunflower	Groundnuts	Other Crops
Tuli Block	-	1	-	-	1	5
Tati Block	-	2	-	-	1	3
Gantsi Freehold	-	-	-	-	-	-
Molopo Freehold	1	1	1	-	-	-
Pandamatenga Freehold	9	5	1	7	-	2
Lobatse Freehold	-	1	1	-	-	6
Sand Veldt TGLP Ranches	-	-	-	-	-	-
Ngwaketse TGLP Ranches	-	-	1	-	-	-
Gantsi TGLP	-	1	1	-	1	1
Kgalagadi TGLP Ranches	-	1	-	-	-	-
Kweneng TGLP Ranches	-	-	-	-	-	-
Haina Veldt TGLP	-	-	-	-	-	1
Nata TGLP Ranches	-	-	-	-	-	-
Lepasha TGLP	-	-	-	-	-	-
Barolong Farms	-	1	-	-	-	3
TOTAL COMMERCIAL	10	13	5	7	3	21

TABLE 11.3 AREA PLANTED (HECTARES) BY CROP AND BLOCK

Block	Sorghum	Maize	(Pulses) Cowpeas	Sunflower	Groundnuts	Other Crops	Total Area Planted
Tuli Block	-	2	-	-	20	89	111
Tati Block	-	10	-	-	5	6	21
Gantsi Freehold	-	-	-	-	-	-	-
Molopo Freehold	10	140	20	-	-	-	170
Pandamatenga Freehold	6,660	810	8	3,240	-	170	10,888
Lobatse Freehold	-	7	7	-	-	431	445
Sand Veldt TGLP Ranches	-	-	-	-	-	-	-
Ngwaketse TGLP Ranches	-	-	9	-	-	-	9
Gantsi TGLP	-	2	2	-	2	2	8
Kgalagadi TGLP Ranches	-	99	-	-	-	-	99
Kweneng TGLP Ranches	-	-	-	-	-	-	-
Haina Veldt TGLP	-	-	-	-	-	6	6
Nata TGLP Ranches	-	-	-	-	-	-	-
Lepasha TGLP	-	-	-	-	-	-	-
Barolong Farms	-	522,000	-	-	-	3	522,003
TOTAL COMMERCIAL	6,670	523,070	46	3,240	27	707	533,760

TABLE 11.4 FARMS HARVESTED BY CROP AND BLOCK

Block	Sorghum	Maize	(Pulses) Cowpeas	Sunflower	Groundnuts	Other Crops
Tuli Block	-	1	-	-	1	5
Tati Block	-	1	-	-	1	3
Gantsi Freehold	-	-	-	-	-	-
Molopo Freehold	1	1	1	-	-	-
Pandamatenga Freehold	9	5	-	7	-	2
Lobatse Freehold	-	-	-	-	-	6
Sand Veldt TGLP Ranches	-	-	-	-	-	-
Ngwaketse TGLP Ranches	-	-	1	-	-	-
Gantsi TGLP	-	1	1	-	-	1
Kgalagadi TGLP Ranches	-	1	-	-	-	-
Kweneng TGLP Ranches	-	-	-	-	-	-
Haina Veldt TGLP	-	-	-	-	-	-
Nata TGLP Ranches	-	-	-	-	-	-
Lepasha TGLP	-	-	-	-	-	-
Barolong Farms	-	1	-	-	-	2
110 TOTAL COMMERCIAL	10	11	3	7	2	19

TABLE 11.5 AREA HARVESTED (HECTARES) BY CROP AND BLOCK

Block	Sorghum	Maize	(Pulses) Cowpeas	Sunflower	Groundnuts	Other Crops	Total Area Harvested
Tuli Block	-	1	-	-	20	73	94
Tati Block	-	3	-	-	4	4	11
Gantsi Freehold	-	-	-	-	-	-	-
Molopo Freehold	10	140	20	-	-	-	170
Pandamatenga Freehold	6,660	810	-	3,240	-	170	10,880
Lobatse Freehold	-	-	-	-	-	431	431
Sand Veldt TGLP Ranches	-	-	-	-	-	-	-
Ngwaketse TGLP Ranches	-	-	9	-	-	-	9
Gantsi TGLP	-	2	2	-	-	2	6
Kgalagadi TGLP Ranches	-	99	-	-	-	-	99
Kweneng TGLP Ranches	-	-	-	-	-	-	-
Haina Veldt TGLP	-	-	-	-	-	-	-
Nata TGLP Ranches	-	-	-	-	-	-	-
Lepasha TGLP	-	-	-	-	-	-	-
Barolong Farms	-	522,000	-	-	-	1	522,001
TOTAL COMMERCIAL	6,670	523,055	31	3,240	24	681	533,701

TABLE 11.6 TOTAL PRODUCTION (METRIC TONNES) BY CROP AND BLOCK

Block	Sorghum	Maize	(Pulses) Cowpeas	Sunflower	Groundnuts	Other Crops	Total Production
Tuli Block	-	0	-	-	15	1,783	1,798
Tati Block	-	0	-	-	2	29	31
Gantsi Freehold	-	-	-	-	-	-	-
Molopo Freehold	2	80	4	-	-	-	86
Pandamatenga Freehold	9,940	520	-	2,237	-	230	12,927
Lobatse Freehold	-	-	-	-	-	459	459
Sand Veldt TGLP Ranches	-	-	-	-	-	-	-
Ngwaketse TGLP Ranches	-	-	2	-	-	-	2
Gantsi TGLP	-	0	0	-	-	2	2
Kgalagadi TGLP Ranches	-	3,700	-	-	-	-	3,700
Kweneng TGLP Ranches	-	-	-	-	-	-	-
Haina Veldt TGLP	-	-	-	-	-	-	-
Nata TGLP Ranches	-	-	-	-	-	-	-
Lepasha TGLP	-	-	-	-	-	-	-
Barolong Farms	-	5,000	-	-	-	5	5,005
TOTAL COMMERCIAL	9,942	9,300	6	2,237	17	2,508	24,010

APPENDIX I: TECHNICAL DETAILS

Coverage

The annual agricultural surveys are a component of a continuous program of household surveys, which is specific to the agricultural sector aimed at establishing trends in agricultural production and mode of operation. The main objective of the program is to provide the time series of basic information on crop production and livestock population and on general agricultural data. The program has the following sub-components:

- ❖ The Traditional/Subsistence Sector.
- ❖ The Commercial Sector.

Traditional Sector

The data is collected through a questionnaire administered by a team of Technical Assistants. The survey covers agricultural holdings and their principal characteristics such as:

- ❖ Demographic characteristics (sex, age, marital status etc).
- ❖ System of land tenure
- ❖ Farm labour.
- ❖ Farming practices.
- ❖ Area planted, harvested and crop production by type
- ❖ Livestock inventory (births, deaths, sales, purchases and off take rates) and livestock production by type (cattle, goats, sheep).
- ❖ Poultry counts and other animals (donkeys/mules, horses and pigs).
- ❖ Inventory of agricultural machinery and equipment owned or used.
- ❖ Credit Availability and sources

Commercial Sector

The data is collected through a mailed questionnaire administered by farmers themselves. Follow-ups are usually made to those farmers who did not respond to the questionnaire.

The survey covers the same information similar to the one collected under the traditional sector except that additional information for some variables is collected such as:

- ❖ Total area of the farm/ranch.
- ❖ Cash Crops such as wheat, pulses, sunflower, groundnuts, cotton, lucerne etc.
- ❖ Vegetables such as potatoes, tomatoes, onions, cabbage, spinach, carrots etc.
- ❖ Fruits such as oranges, naartjies, lemons, grapefruit, bananas, etc.

SURVEY PREPARATIONS

The preparation cycle of the annual survey starts as soon as the current survey ends. The following plan is followed in carrying out the annual agricultural survey.

Sampling Frame

There are two different frames used for selecting the samples for the annual agricultural survey. The first frame is the Block Sampling Frame. This consists of the list of blocks constructed from villages, land and cattle post areas using information obtained from the 1991 Housing and Population Census. There are currently 3471 Blocks constructed in the whole country.

The other frame consists of a list of commercial farmers who are engaged in agricultural activities. This list is obtainable from the Enterprise and Establishment Register database and supplemented by the other list of farmers constructed by the Agricultural Statistics Unit.

The annual survey is divided into three phases. The first phase and second phase cover traditional farmers in which Technical Assistants administer the questionnaires. The third phase covers commercial farmers where by questionnaires are self administered by farmers i.e. questionnaires are mailed to farmers and farmers are expected to mail the questionnaires to the Agricultural Statistics Unit using a self-addressed envelopes from Government.

Questionnaires

Four different questionnaires (Forms I, II, III and IV) are used for data collection, of which three questionnaires (Forms I, II, and III) are used for data collection under the traditional sector while the fourth one is used for data collection under the commercial sector.

First Phase

The first phase deals with data collection on characteristics of the agricultural holder and the holding. During this phase, Form I and Form II questionnaires are administered at the same time. Form I questionnaire is used for identification of Agricultural Holders and for sample selection while Form II questionnaire is used for collecting information such as:

- ❖ Demographic characteristics
- ❖ System of land tenure
- ❖ Farm labor
- ❖ Farming practices
- ❖ Area planted and area under fallow land

Second Phase

Second phase deals with data collection on other characteristics of the agricultural holder and the holding. The data is collected on the following variables:

- ❖ Livestock production by type (cattle, goats, sheep, etc).
- ❖ Poultry counts and other birds.
- ❖ Livestock inventory by type (births, deaths, sales, etc).
- ❖ Area harvested and crop production.
- ❖ Crop disposal and revenue collected from farm produce.
- ❖ Farm practices and water supply.
- ❖ Credit availability and sources.

Third Phase

The third phase deals with data collection on characteristics of the agricultural holder and is done through a mailed questionnaire. Information collected is similar to the one under the traditional sector with additional variables such as:

- ❖ Total farm area
- ❖ Crop area under irrigation.
- ❖ Cash crops such as sunflower, groundnuts, cotton, etc.
- ❖ Vegetables such as potatoes, tomatoes, onions, etc.
- ❖ Fruits such as oranges, naartjees, lemons, etc.

Training of Enumerators

Training of enumerators is done twice a year to refresh them on the concepts and to address other problems encountered in the field. It is also done to harmonize the survey administration so that there is consistency in interpretation of questions and concepts. The first training is usually conducted in January to address issues pertaining to the first phase of the survey. The second training is conducted the first week of June to address the issues pertaining to the second phase of the survey.

SAMPLING METHODOLOGY

The annual agricultural survey covers persons who qualify as agricultural holders but operating on communal land. It also covers commercial farmers who are engaged in agricultural activities such as animal husbandry and crop production including ostrich farming and poultry.

The basic sampling design under the traditional sector is a stratified two-stage sampling, where the primary sampling units (blocks) are classified into land, village and cattle post areas, and these form three independent strata.

First Stage Sampling

The primary sampling units are selected systematically from each stratum with probability proportional to the measure of size (MOS), size being the number of dwellings as enumerated during the 1991 Population and Housing census.

Second Stage Sampling

The secondary sampling units (agricultural holders) are selected systematically from each selected block. Any agricultural holder with at least 100 cattle is automatically included into the sample. Other holders are selected systematically into the sample. On average, approximately 10 other holders in each selected block are selected into the sample.

ESTIMATION PROCEDURES

Estimation procedure in any survey is determined by the sampling technique used in selecting the sampling units and hence the following estimation procedure that emanated from the sampling procedure is adopted.

AGGREGATE ESTIMATION

(i) FOR CATTLE HOLDERS (with 100 or more cattle)

Estimation in any h^{th} Stratum in any Agricultural District

$$\hat{Y}_h = \frac{1}{n_h} \sum_{i=1}^{n_h} \frac{y_i}{p_i} = \frac{1}{n_h} \sum_{i=1}^{n_h} \frac{1}{p_i} \left[\sum_j^{M_i^c} y_{ij} \right] \quad (1)$$

Where:

$\hat{Y}_h$ = Aggregate of survey variable in any h^{th} stratum in any Agricultural District.

n_h = Total number of selected blocks in any h^{th} stratum in an Agricultural District.

y_i = Total of survey variable of the i^{th} selected block.

y_{ij} = Value of survey variable of the j^{th} cattle holder of the i^{th} selected block.

M_i^c = Total number of cattle holder in the i^{th} selected block.

M_i^1 = Total number of dwellings in the i^{th} selected block.

M_h^1 = Total number of dwellings in the h^{th} stratum.

$p_i = \frac{M_i^1}{M_h^1}$ = Probability of selecting the i^{th} block **(PPS)**.

The modification in sample design has led to equation 2, used for estimating variables from cattle holders.

$$\hat{Y} = \frac{1}{n_h} \frac{1}{n_k} \sum_{i=1}^{n_h} \sum_{j=1}^{n_k} \frac{1}{p_i p_j} y_j, \quad \forall i = j, j = 1, 2, 3, \dots, n_k. \quad (2)$$

Where:

n_k = Total number of blocks selected in any k^{th} stratum. k^{th} Stratum consists of all blocks selected in any h^{th} stratum during the 1993 Agricultural Census.

y_j = Sample aggregate of cattle holders from the j^{th} selected block.

M_j^1 = Total number of dwellings in the i^{th} selected block.

M_{h93}^1 = Total number of dwellings in all the blocks selected in any h^{th} stratum during the 1993 Agricultural Census.

P_j = Probability of selecting the j^{th} block **(PPS)**.

$$p_j = \frac{M_j^1}{M_{h93}^1} = \text{Probability of selecting the } j^{th} \text{ block (PPS).}$$

(ii) FOR OTHER AGRICULTURAL HOLDERS

Estimation in any h^{th} Stratum in any Agricultural District

$$\hat{Y}_h = \frac{1}{n_h} \sum_{i=1}^{n_h} \frac{M_i y_i}{p_i m_i} = \frac{1}{n_h} \sum_{i=1}^{n_h} \frac{M_i}{p_i m_i} \left[\sum_j^{m_i} y_{ij} \right] \quad (3)$$

Where:

$\hat{Y}_h$ = Aggregate of survey variable in any h^{th} stratum in an Agricultural District.

n_h = Total number of selected blocks in any h^{th} stratum in an Agricultural District.

y_i = Total of survey variable in the i^{th} selected block.

y_{ij} = Value of survey variable of the j^{th} other agricultural holders in the i^{th} block.

M_i = Total number of other agricultural holders listed in the i^{th} block.

m_i = Number of remaining other agricultural holders selected in the i^{th} block.

M_i^1 = Total number of dwellings in the i^{th} selected block.

M_h^1 = Total number of dwellings in the h^{th} stratum.

$$P_i = \frac{M_i^1}{M_h^1} = \text{Probability of selecting the } i^{th} \text{ block (PPS).}$$

The modification in sample design has led to equation 4, used for estimating variables from other agricultural holders.

$$\hat{Y}_k = \frac{1}{n_h} \frac{1}{n_k} \sum_{i=1}^{n_h} \sum_{j=1}^{n_k} \frac{1}{p_i} \frac{M_j}{p_j} \frac{y_j}{m_j}, = \frac{1}{n_h} \frac{1}{n_k} \sum_{i=1}^{n_h} \sum_{j=1}^{n_k} \frac{M_j}{p_i} \frac{\bar{y}_j}{p_j}, \quad \forall i = j, j = 1, 2, 3, \dots, n_k, \quad (4)$$

Where:

n_h = Total number of blocks selected in any h^{th} stratum. .

M_i = Total number of other agricultural holders listed in the i^{th} block.

m_i = Total number of other agricultural holders selected in the i^{th} block.

p_i = Probability of selecting the i^{th} block (**PPS**).

y_i = Sample aggregate from the i^{th} selected block.

Estimation in any d^{th} Agricultural District

$$\hat{Y}_d = \sum_{h=1}^H \hat{Y}_h \quad (5)$$

Where:

$\hat{Y}_d$ = Aggregate of the survey variable of the d^{th} Agricultural District.

H = Total number of strata.

Estimation in any r^{th} Agricultural Region

$$\hat{Y}_r = \sum_{d=1}^D \hat{Y}_d \quad (6)$$

Where:

$\hat{Y}_r$ = Aggregate of the survey variable of the r^{th} Agricultural Region.

D = Total number of Agricultural District.

Estimation in the Country

$$\hat{Y}_c = \sum_{r=1}^R \hat{Y}_r \quad (7)$$

Where:

$\hat{Y}_c$ = Aggregate of the survey variable for the country
 R = Total number of Agricultural District.

DATA PROCESSING

Data processing is **PC** based and is done in house.

Data Entry

Before data entry is carried out, the questionnaires are edited to check if all the relevant questions have been responded to and coded according to the codes designed by the Unit and other codes from the Botswana Standard Industrial Classification specified in the Enterprise and Establishment Register. Data entry screen templates based on the questionnaires are thereafter designed by programming assistants before data capture begins. Data entry usually starts around the month of May of any survey year. Form I data is captured on its own whereas Forms II & III are captured concurrently.

Data Validation

This is done simultaneously with data entry operations. Data entry staff members verify what other data entry staff members have already entered and the validation programme checks what is entered against what has already being captured.

Data Cleaning

After data entry and data validation are completed, the program is run to do some consistency checks on the data set as per the Computer Edit Specifications designed by the Data Analysis Team (Statisticians). The screen editing team supervised by the Statistician in charge of the survey does the screen editing. Any queries are corrected by comparing the entries in the questionnaire with what is shown in the screen template.

After screen editing, the two data sets' (Form I data set and Forms II & III data set) identification (region, district, block number, dwelling and household numbers) are matched for consistency. This is done through a computer program before the calculation of weights used to gross up data so that tabulation can begin.

Weights

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

APPENDIX II: CONCEPTS AND DEFINITIONS

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

Survey Season/Year:

For the annual agricultural survey, a survey season starts from the 1st of October of the previous year to the 30th of September of the current year. At times, the fieldwork goes beyond the stipulated period but the questions asked are confined to the survey season under consideration.

Agricultural Holding/Farm:

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

Agricultural Holder:

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

Dwelling Unit:

For the purpose of the survey, a dwelling unit is a ‘lolwapa’. A metal plate, with a pre-printed dwelling number is affixed on one door in the lolwapa for identification purposes.

Household:

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

and/or making common provision for food or other living arrangements.

Respondent:

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

Block:

A definable and demarcated land area marked on the map for identification purposes.

Fallow Land:

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

Field:

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

Planted Land:

Land area that is planted during the current agricultural season.

Crop Mixture:

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

Pure Stand:

This is when one crop is planted in one field. For example, when maize is planted alone in one field.

Planting Season:

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

Harvesting Season:

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

Cattle Holder:

An Agricultural Holder with at least 100 cattle. This holder is not exclusive to cattle holding but may hold other holdings such as small stock, cropland and/or other animals including poultry (at least 25 chickens).

Other Agricultural Holder:

Any agricultural Holder who has at most 99 cattle in addition to other holdings such as small stock, crop land and other animals including poultry (at least 25 chickens).

Birth Rate:

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

Death Rate:

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

Off take: = Sales – Purchase + Home Slaughter.

Off take Rate:

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



Central Statistics Office
Private Bag 0024, GABORONE, BOTSWANA



ANNUAL AGRICULTURAL SURVEY

Collected under Statistics Act (Cap 17:01)

Republic of Botswana

Form I: Identification Form - First Visit

REPUBLIC OF BOTSWANA

Section I: Locality Identification

- 1 Agricultural Region: _____
2 Agricultural District: _____
3 Block Number _____
4 Locality Name _____

(Codes)

6 Enumerator's Name _____

7 Date when listing commenced _____

8 Date when listing completed _____

9 Supervisor's Name _____

10 Date Checked _____

11 (Office and Supervisor Use)

Class	Random Star	Interval
1 - 10	Take all	Take all
11 - 20		2
21 - 30		3
31 - 40		4
41 - 50		5
51 - 80		6
81 - 120		10
121 +		11

12 (Supervisor Use)

Part Number	Total Number of Holders	Number of Cattle Holders
Part 1		
Part 2		
Part 3		
Part 4		
Part 5		
Part 6		
Part 7		
Part 8		
Part 9		
Part 10		
Part 11		
Part 12		
Part 13		
Part 14		
Part 15		
Part 16		
Part 17		
Total		

12a Total Number of Holders _____

12b Total Number of Cattle Holders _____

13a Number for selection _____

13b Number of Selected Holders _____

13c Total Number of Selected Holdings _____

13d Total Number of Listed Dwellings _____

13e Total Number of Occupied Dwellings _____

5. Form Continuation

Total Number of Forms

This Page is

Part:

of :

Section II: Listing of Dwellings and Household

Question 14a

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

14b Number of Dwellings listed

14c Number of Occupied Dwellings

1a Mules, Camels etc to be counted together

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

14d Total number of holders on this FORM

14e Cattle Holders with 100 cattle or more

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



Enumerator / Supervisor Comments



Republic of Botswana

Central Statistics Office
Private Bag 0024, GABORONE, BOTSWANA

ANNUAL AGRICULTURAL SURVEY

Collected under Statistics Act (Cap 17:01)



FORM II: TRADITIONAL FARMERS - SECOND VISIT

Section I: IDENTIFICATION

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

6	Full Name of Holder	
---	---------------------	--

7	Sex of Holder	[Male = 1 Female = 2]
---	---------------	----------------------------

8	Name of Respondent	
---	--------------------	--

9	Is the respondent the:	
1	Holder	1
2	Spouse of Holder	2
3	Son of Holder	3
4	Daughter of Holder	4
5	Other Relative of Holder	5
6	Not Related	6

Enumerator's	Name
	Signature
	Date
Supervisor's	Name
	Signature
	Date

Enumerator's Visit Log

Visit No.	Date	Time	Remarks

Comments:

Household Schedule

ALL PERSONS					ALL PERSONS AGED 5 YEARS AND OVER					
					EDUCATION		AGRICULTURAL WORKERS			
1	2	3	4	5	7	8	9			
PERSON	NAMES OF ALL HOUSEHOLD MEMBERS	RELATIONSHIP TO HOUSEHOLD HEAD?	SEX?	AGE IN COMPLETED YEARS?	Has attended school?	What level or grade is studying?	What was the highest level or grade completed?	During this agricultural season, did do any work on this holding? (Include work for payment in cash, in kind or for no payment)		
NUM-BER	What are the names of all those persons who spent last night with this household?	0 Head 1 Spouse 2 Son/ Daughter 3 Grandchild 4 Parent 5 Brother/ Sister 6 Other Relative 7 Not Related	1 M 2 F	If less than one year old code 00 If more than 97 years old code 98	1 Never Go To Column 6A 2 Still at School 3 Left School Go To Column 9	Use code below Column 10A	Use code below	9A	9B	9C
	Start with household head							Did work?	Type of activity	Payment?
	Include newly-born babies, the disabled, old persons etc							1 Yes	1 Live-stock 2 Crops 3 Both 4 Other	1 Cash 2 In kind 3 Both 4 None
								2 No Column 10A		
0 1										
0 2										
0 3										
0 4										
0 5										
0 6										
0 7										
0 8										
0 9										
0 10										
0 11										
0 12										
0 13										
0 14										
0 15										
0 16										
0 17										
0 18										
0 19										
0 20										
0 21										
0 22										
0 23										
0 24										
0 25										

CODES FOR LEVEL OF EDUCATION

Primary			Secondary		
10 Left at Standard 1	15 Standard 5	14 Standard 4	21 Form 1	25 Form 5	
11 Standard 1	16 Standard 6	13 Standard 3	22 Form 2	26 Form 6	
12 Standard 2	17 Standard 7	19 Not Known	23 Form 3	29 Not Known	
			24 Form 4		

[illegible]

Vocational/Technical (eg Brigades, ATTS, TTC, etc)	Tertiary (University and its Affiliates)	
31 Year 1 34 Year	40 Year 1	42 Year 4
32 Year 2 35 Year	41 Year 2	43 Year 5 and over
33 Year 3	42 Year 3	44 Not Known

Number of Persons	Number of Fields

Section II: PARTICULARS OF THE HOLDING

TO ENUMERATOR: COMPLETE THE HOUSEHOLD SCHEDULE FIRST ON PAGE 4.

Is this holding operated by:

1. An individual living on site

2. An individual living elsewhere

3. A household with two or more persons

4. A corporation

5. A Co-operative

6. A government agency

7. Other organisation (Specify) _____

Circle

1

2

3

4

5

6

7

Skip to Section IV

In addition to activities mentioned in Q16, what other economic activities are undertaken in this holding for commercial gain ?

1. Transport services

2. Ploughing services

3. Hunting/Trapping

4. Game/Wildlife propagation

5. Fishing

6. Tree Planting

7. Timber Harvesting

8. Trading Store/Shop/Vendor

9. Veldt Products

10. Traditional beer

11. Craft-Work

12. Selling Livestock/Crop Produce

13. Other Goods (Specify) _____

Circle

1

2

3

4

5

6

7

8

9

10

11

12

13

Section III PARTICULARS OF THE HOLDER

State the sex of the holder

(Circle Appropriate Code)

[Male = 1 Female = 2]

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

What is the marital status of the holder?

1. Married

2. Never married

3. Divorced

4. Widowed

5. Separated

6. Living together

Circle

1

2

3

4

5

6

a. Is the holder a Full-time Farmer?

(Circle Appropriate Code)

[Yes = 1 No = 2]

b. What are his/her other occupations?

Office

Section IV ALL RESPONDENTS EVEN IF THEY DO NOT OWN A PIECE OF LAND

- 18 Did you or any one in your household plant any crops from October of
previous year to September of current year? (Circle Appropriate Code)
[Yes = 1 No = 2]
- 19a Do you or any member of your household have any land that is not
ploughed/planted? Yes = 1
No = 2 $\Rightarrow$ Question 20
- *** If both Q18 = NO & Q19a = NO please end interview because it means no household member has planted
or has fallow fields.
- 19b What was the most important reason for not ploughing/planting the **FALLOW** land? *Office Use*
- 20 List separately all crops planted, including number for **FALLOW** fields:

[illegible]

- 21 What were the sources of your seeds this year? (***) Convert quantities if not in Kg)

(Office use)

[illegible]

Source Codes: 1. BAMB 2. Drought Relief 3. Co-operatives 4. Trader 5. Another Farmer 6. Previous Year's Harvest 7. Other (specify)

- 22 a. When did you first plough your land this season?
b. When did you last plough your land this season?
c. When did you first plant your crops this season?
d. When did you last plant your crops this season?

Month Year

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

1. Oxen
2. Cows
3. Both
4. Donkeys
5. Tractor
7. Hand hoe
7. Other (Specify)

Circle

- 1
2
3
4
5
6
7

- 24 What is your span size in case of draft power being Oxen, Oxen mixed with other Cattle, Donkeys etc?

Size of Span

	2	4	6	8	10	12
1. Oxen						
2. Cows						
3. Both						
4. Donkeys						

- 25 Who owned this draught power?

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

Circle

- 1
2
3
4
5
6

- 26 What methods were used to plant the seeds?

1. Broadcast
2. Row planter
3. Row plant by hand
4. Other (Specify) _____

Circle

- 1
2
3

- 27a Are your Land Areas(Masimo) in which you have fields fenced?

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

→ Section VII

- 27b What kind of fences have been used?

1. Bush
2. Wire and Poles
3. Poles Only
4. Other (Specify) _____

Section V Land Measurement .

28 TAKE FIELD MEASUREMENT: VISIT EACH FIELD REPORTED IN THE HOLDING.
NOTE: MAKE SURE THAT THE NUMBER OF FIELDS REPORTED FOR AREA MEASUREMENT REFLECT THE NUMBER OF FIELDS REPORTED IN QUESTION 20 IN THAT SEQUENCE

Sketch Map of Field Field No: Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

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

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

a. Perimeter Field

b .Closing Error (%)

c. Area

Sketch Map of Field Field No: Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

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

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

a. Perimeter Field

b. Closing Error (%)

c. Area

Sketch Map of Field Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

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

1

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

a. Perimeter Field

b. Closing Error (%)

c. Area

Sketch Map of Field Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

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

1

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

a. Perimeter Field

b. Closing Error (%)

c. Area

29 Total Number of Field 1. Crop Fields

2. Fallow Fields

Sketch Map of Field Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

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

1

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

Sketch Map of Field Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

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

1

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

29 Total Number of Field 1. Crop Fields

2. Fallow Fields

Sketch Map of Field Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

1

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

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

Sketch Map of Field Field No:

Planted (1) / Fallow (2)

Area Measurements (Compass and Chain)

1

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

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

Side	Length(m)	Bearing		Inside Angle
		Forward	Backward	

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

29 Total Number of Field 1. Crop Fields

2. Fallow Fields

Question 71 WORKERS CURRENTLY EMPLOYED IN THE HOLDING AND THEIR IMPEDIMENTS THAT INHIBITS THEIR PERFORMANCE

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NAME	FAMILY MEMBER	SEX	AGE	MARITAL STATUS	SCHOOL	HIGHEST LEVEL	TRAINING RECEIVED	OCCUPATION	EMPLOYEE STATUS	HOURS WORKED	PAY-TIME	HOW PAID	AMOUNT	CASH EQUI-	INCOME	IMPEDI-MENTS	
W O R K E R N U M B E R	Please Give/Provide Names of all Persons Working in this Holding	Is a Family Member? 1. Yes - 2. No	1. Male 2. Female	How Old is? (Age In Completed Years)	1. Married 2. Separated 3. Living Together 4. Divorced 5. Widowed 6. Never Married	Has Ever Attended School? 1. Yes - Attending 2. Yes - But Left School 3. No - Skip to Column 9	What Highest Level/ Grade Has..... Completed? (Use Education Codes In Household Schedule)	How did Get the Skills He/She has now? 1. None 2. Self taught 3. Apprenticeship 4. On the Job 5. Technical/ Vocational Institution Other (Specify)	Is a Regular Paid Employee? 1. Yes - Paid Regularly 2. Yes - Paid Apprenticeship 3. Yes - Paid Part-Time/ Casual 4. No - Go To Column 12 And Skip To Column 17	How Many Hours a Week Does Usually Work? 1. Daily 2. Weekly 3. Fortnightly 4. Monthly 5. Six Months 6. Yearly Other (Specify)	How Often is Paid? 1. Daily 2. Weekly 3. Fortnightly 4. Monthly 5. Six Months 6. Yearly Other (Specify)	How is....Paid 1. Cash Only Go To Column 15 And Skip To Column 17 2. In Kind Go To Column 16 3. Both Complete Columns 15 And 16	How Much Cash To The Nearest P5?	How Much Is the Cash Equivalent of the In Kind Payment to the Nearest P5?	How Much Income Does..... Get From Other Activities Outside this Activity, (write total for whole period of agricultural season)	1. None 2. One Limb 3. Two Limbs 4. Slight 5. Hearing 6. Mental 7. Long Illness OTHER	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

Question 71 WORKERS CURRENTLY EMPLOYED IN THE HOLDING AND THEIR IMPEDIMENTS THAT INHIBITS THEIR PERFORMANCE

	NAME	FAMILY MEMBER	SEX	AGE	MARITAL STATUS	SCHOOL	HIGHEST LEVEL	TRAINING RECEIVED	OCCUPATION	EMPLOYEE STATUS	HOURS WORKED	PAY-TIME	HOW PAID	AMOUNT	CASH EQUI-	INCOME	IMPEDIMENTS
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
W O R K E R N U M B E R	Please Give/Provide Names of all Persons Working in this Holding	Is a Family Member? 1. Yes - 2. No	1. Male 2. Female	How Old is? (Age In Completed Years)	1. Married 2. Separated 3. Living Together 4. Divorced 5. Widowed 6. Never Married	Has Ever Attended School? 1. Yes - Attending 2. Yes - But Left School 3. No - Skip to Column 9	What Highest Level/ Grade Has..... Completed? (Use Education Codes In Household Schedule)	How did Get the Skills He/She has now? 1. None 2. Self taught 3. Apprenticeship 4. On the Job 5. Technical/ Vocational Institution Other (Specify)		Is a Regular Paid Employee? 1. Yes - Paid Regularly 2. Yes - Paid Part-Time/ Casual 4. No - Go To Column 12 And Skip To Column 17	How Many Hours a Week Does Usually Work? 1. Daily 2. Weekly 3. Fortnightly 4. Monthly 5. Six Monthly 6. Yearly Other (Specify)	How Often is Paid? 1. Cash Only Go To Column 15 And Skip To Column 16 2. In Kind Go To Column 16 3. Both Complete Columns 15 And 16	How is....Paid	How Much Cash To The Nearest P5?	How Much Is the Cash Equivalent of the In Kind Payment to the Nearest P5?	How Much Income Does..... Get From Other Activities Outside this Activity, (write total for whole period of agricultural season)	1 None 2 One Limb 3 Two Limbs 4 Sight 5 Hearing 6 Mental 7 Long Illness OTHER
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

NOTE: Column 8 - HIGHEST LEVEL OF EDUCATION COMPLETED:

Primary		
10 Left at Standard 1	15 Standard 5	14 Standard 4
11 Standard 1	16 Standard 6	13 Standard 3
12 Standard 2	17 Standard 7	19 Not Known

Secondary		Vocational/Technical (eg Brigades, ATTS, TTC, etc)
21 Form 1	25 Form 5	
22 Form 2	26 Form 6	
23 Form 3	29 Not Known	
24 Form 4		

Tertiary (University and its Affiliates)			
40 Year 1	42 Year 4		
41 Year 2	43 Year 5 and over		
42 Year 3	44 Not Known		

65 Who are your major Crop Buyers (from October of previous year to September of current Agricultural Season)?

BAMB	BAMB Age	Co-operative	Trader	Exported	Millers	Public	Other

66a Do you have any land in this Farm that you did not plough/plant this season?

Yes = 1

No = 2

⇒ Question 67a

66b What is the total fallow area this season ?

(Please indicate the Unit of Measurement)

1 Hectares	2. Acres	3. Morgans	Office Use

Section VI: AGRICULTURAL EQUIPMENT AND IMPLEMENTS

67a How many of the following equipment and machinery are in good working condition and not working

	Total Number	Good Condition	Temporarily Out of Order		Total Number	Good Condition	Temporarily Out of Order
1. Harrow				13. Truck			
2. Single Plough				14. Trailer			
3. Double Plough				15. Cart			
4. Single Planter				16. Sledge			
5. Double Planter				17. Spray race			
6. Cultivator				18. Spray pump			
7. Mower				19. Dip-tank			
8. Hoe				20. Maize grinder			
9. Rake				21. Maize Sheller			
10. Wheel Barrow				22			
11. Thresher				23			
12. Tractor				24			

67b How often do they break down during the Agricultural season and how much do you spend on maintenance of each equipment?

	Once	Twice	Thrice or More	None	Cost		Once	Twice	Thrice or More	None	Cost
1. Harrow						13. Truck					
2. Single Plough						14. Trailer					
3. Double Plough						15. Cart					
4. Single Planter						16. Sledge					
5. Double Planter						17. Spray race					
6. Cultivator						18. Spray pump					
7. Mower						19. Dip-tank					
8. Hoe						20. Maize grinder					
9. Rake						21. Maize Sheller					
10. Wheel Barrow						22					
11. Thresher						23					
12. Tractor						24					

Section VII: AGRICULTURAL LABOUR AND FARM CREDIT

68 a. Did you apply for any Credit this agricultural season?

Yes = 1

No = 2

⇒ Question 69

b. To which credit Institution did you apply ?

1. NDB	2. Commercial Banks	3. Other (Specify)

c. Did you receive any Credit during this agricultural season?

Yes = 1

No = 2

⇒ Question 70

d. Which credit Institution helped you?

1. NDB	2. Commercial Banks	3. Other (Specify)

e. How much was the credit during this Agricultural Season?

P

f. What was this Credit used for?

1. Livestock	2. Crops	3. Other (Specify)

69 Are you aware of any Credit Institution(s)?

Yes = 1

No = 2

⇒ Quest. 70

70 Did you employ any agricultural workers during this agricultural season ?

Yes = 1

No = 2

⇒ Question 72

(Please indicate the unit of area measurement in Column 1: Hectare = 1, Acre = 2, Morgan = 3)

1

Notes:

1. Please include any crops you have that are not listed.
2. In columns 6, 7, 9, 10, 11, 13, 15, 16 & 17, by UNIT we mean a bag, box, bundle, etc. Specify average weight per unit in column 7.
3. Columns 10, 11, & 12 deal with sales you have already made, while column 13 deals with sales you still expect to make from the harvest of the current agricultural season (October of previous year to September of current year)
4. * Column 14 requires the expected total receipts from the remaining units still to be sold.
5. ** Include in: Column 15 quantity for your own household consumption, Column 16 quantity used for farm labourers as payment in kind, and Column 17 quantity stored as seeds for next season (October this year to September next year).



Republic of Botswana

Central Statistics Office

Private Bag 0024, GABORONE, BOTSWANA

ANNUAL AGRICULTURAL SURVEY

Collected under Statistics Act (Cap 17:01)



FORM III: TRADITIONAL FARMERS - SECOND VISIT

Section I: IDENTIFICATION

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

6 Full Name of Holder

--

7 Sex of Holder

[Male = 1 Female = 2]

8 Name of Respondent

--

9 Is the respondent the:

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

1	
2	
3	
4	
5	
6	

Enumerator's	Name
	Signature
	Date
Supervisor's	Name
	Signature
	Date

Enumerator's Visit Log

Visit No.	Date	Time	Remarks

Comments:

Section II : Livestock Part A : CATTLE

10a Does this holding own, raise, operate or manage any Cattle? (*Include Mafisa Cattle in your Kraal*) Yes = 1 ➡ Question 11a
No = 2

10b Has this Holding ever had any Cattle from October of previous year to September of current agricultural season? Yes = 1 ➡ Question 12
No = 2 ➡ Question 21a

11a How many Cattle do you have (*Include Cattle owned by other members of this Holding, Mafisa and Matimela*)?

	Bulls	Oxen	Cows	Heifers	Tollies	Male Calves	Female Calves	Total
1. Owned								
2. Mafisa In								
3. Matimela								
4. TOTAL								
5. Mafisa Out								

11b Major Cattle Breed: Which is the major breed amongst your Cattle?

11c Which breed of cattle do you prefer most?

11d Cattle Breed Preference: Why do you prefer this particular breed

11e Bull: What is the main bull type or semen used amongst your Cattle?

11f Which breed of Bulls/Semen do you prefer Most?

11g Bull Type Preference: Why do you prefer this particular breed/Semen?

12 Sales: How many Cattle were sold or traded out from October of previous year to September of current Agricultural season?
In case of cattle being exchanged for other goods please state the value of those goods or give description of those goods

S o l d T o		S o l d		T r a d e d			Office Use
		Number	Value (Pula)	Number	Value (Pula)	Description	
1. BMC Direct:	1 to 3 Years						
	Over 3 Years						
2. BMC Agent:	1 to 3 Years						
	Over 3 Years						
3. Co-operative:	1 to 3 Years						
	Over 3 Years						
4. A Farmer:	1 to 3 Years						
	Over 3 Years						
5. At Auction:	1 to 3 Years						
	Over 3 Years						
6. Municipal Abattoir:	1 to 3 Years						
	Over 3 Years						
7. Local/Village Abattoir:	1 to 3 Years						
	Over 3 Years						
8. Trader:	1 to 3 Years						
	Over 3 Years						
9. Butcher:	1 to 3 Years						
	Over 3 Years						
10. Feedlot	1 to 3 Years						
	Over 3 Years						

13 How many Calves were born from October of previous year to September of current Agricultural season?

14a How many Calves died from October of previous year to September of current Agricultural season? (If no deaths go to Question 15)

14b Causes of deaths?

Tick where applicable

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other

15 How many Calves were lost due to strays and theft from October of previous year to September of current Agricultural season?

16a How many Cattle, excluding Calves, died from October of previous year to September of current Agricultural season?
(If no deaths go to Question 17)

16b Causes: of deaths?

Tick where applicable

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other
☐	☐	☐	☐	☐

17 How many Cattle were lost due to strays and theft from October of previous year to September of current Agricultural season?

18 How many Cattle were slaughtered for your home consumption from October of previous year to September of current Agricultural season? Include slaughter for weddings, death ceremonies etc

19 Given Away: How many Cattle were given away (including Bogadi) from October of previous year to September of current Agricultural season?

20 Purchases: How many Cattle were purchased/obtained from October of previous year to September of current Agricultural season? In case of Cattle being exchanged for other goods please state the value of those goods or give description of those goods

Purchased/Obtained	Number	Value (Pula)	Description of goods if applicable	Office Use
1. Purchased				
2. Obtained				

Section II : Livestock Part B : GOATS

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

21b Has this Holding ever had any Goats from October of previous year to September of current agricultural season? Yes = 1 $\Rightarrow$ Question 23
No = 2 $\Rightarrow$ Question 32a

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

	He Goats 1 Year & Over	Males 1 Year & Over	Females 1 Year & Over	Males Under 1 Year	Females Under 1 Year	TOTAL
1. Owned						
2. Mafisa In						
3. Matimela						
4. TOTAL						
5. Mafisa Out						

23 How many Kids were born from October of previous year to September of current Agricultural season?

24a How many Kids died from October of previous year to September of current Agricultural season? (If no deaths go to Question 25)

24b Causes: of deaths?

Tick where applicable

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other
☐	☐	☐	☐	☐

25 How many Kids were lost due to strays and theft from October of previous year to September of current Agricultural season?
Do not include Kids already reported as dead.

26a How many Goats, excluding Kids, died from October of previous year to September of current Agricultural season?
(If no deaths go to Question 27)

26b Causes: of deaths?

Tick where applicable

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other
☐	☐	☐	☐	☐

27 How many Goats were lost due to strays and theft from October of previous year to September of current Agricultural season?
Do not include Goats already reported as dead.

- 28 How many Goats were slaughtered for consumption from October of previous year to September of current Agricultural season?
Include slaughtered for weddings, deaths ceremonies etc
- 29 How many Goats were given away from October of previous year to September of current Agricultural season?
- 30a How many Goats were sold or traded from October of previous year to September of current Agricultural season?
Include BMC, Auctions, Abattoirs, Traders Farmers etc

Sales/Traded	Number	Value (Pula)	Description of traded goods where applicable	Office Use
1. Sales				
2. Traded				

- 31 How many Goats were purchased/obtained from October of previous year to September of current Agricultural season?
In case of Goats being exchanged for other goods please state the value of those goods or give description of those goods

Purchased/Obtained	Number	Value (Pula)	Description of goods where applicable	Office Use
1. Purchased				
2. Obtained				

Section II : Livestock Part C : SHEEP

- 32a Does this holding own, raise, operate or manage any Sheep? *(Include Mafisa Sheep in your Kraai)* Yes = 1 $\Rightarrow$ Question 33
No = 2
- 32b Has this Holding ever had any Sheep from October of previous year to September of current agricultural season? Yes = 1 $\Rightarrow$ Question 34
No = 2 $\Rightarrow$ Question 43
- 33 How many Sheep do you have *(Include Sheep owned by other members of this Holding, Mafisa and Matimela)*?

	Rams 1 Year & Over	Males 1 Year & Over	Females 1 Year & Over	Males Under 1 Year	Females Under 1 Year	Total
1. Owned						
2. Mafisa In						
3. Matimela						
4. TOTAL						
5. Mafisa Out						

- 34 How many Lambs were born from October of previous year to September of current Agricultural season?
- 35a How many Lambs died from October of previous year to September of current Agricultural season? *(If no deaths go to Question 36)*
- 35b Causes: of deaths? *Tick where applicable*
- | | | | | |
|-------------|--------------|--------------|--------------|----------|
| 1. Diseases | 2. Parasites | 3. Accidents | 4. Predators | 5. Other |
| | | | | |
- 36 How many Lambs were lost due to strays and theft from October of previous year to September of current Agricultural season?
Do not include Lambs already reported as dead.

- 37a How many Sheep, excluding Lambs, died from October of previous year to September of current Agricultural season?
(If no deaths go to Question 38)

- 37b Causes: of deaths? *Tick where applicable*
- | | | | | |
|-------------|--------------|--------------|--------------|----------|
| 1. Diseases | 2. Parasites | 3. Accidents | 4. Predators | 5. Other |
| | | | | |

- 38 How many Sheep were lost due to strays and theft from October of previous year to September of current Agricultural season?
Do not include Sheep already reported as dead.
- 39 How many Sheep were slaughtered for consumption from October of previous year to September of current Agricultural season?
Include slaughtered for weddings, deaths ceremonies etc
- 40 How many Sheep were given away from October of previous year to September of current Agricultural season?

41a How many Sheep were sold or traded from October of previous year to September of current Agricultural season?

Sales/Traded	Number	Value (Pula)	Description of traded goods where applicable	Office Use
1. Sales				
2. Traded				

42 How many Sheep were purchased or obtained from October of previous year to September of current Agricultural season?
In case of Sheep being exchanged for other goods please state the value of those goods or give description of those goods

Purchased/Obtained	Number	Value (Pula)	Description of goods if applicable	Office Use
1. Purchased				
2. Obtained				

Section II : Livestock Part D : OTHER LIVESTOCK

43 How many Other Livestock is in this Holding and how many were sold/traded from October of previous year to September of current Agricultural season? State the value or describe animals exchanged for those goods or give description of those goods?

	Current Number	SALES		TRADED		Value (Pula)
		Number	Value (Pula)	Number	Description of traded goods where applicable	
1. Pigs						
2. Donkeys						
3. Mules'						
4. Horses						
5. Dogs						
6. Chickens						
8. Other						

44a Were any pesticides used on your livestock from October of previous year to September of current Agricultural season?

Yes = 1

No = 2 → Question 45a

44b What type of pesticide did you use?

1. Organophosphate

1. Parathion
2. Diamond Backmorth
3. Malathion

3. Carbomates

1. Carbarly

2. Organochlorides

1. DDT
2. Addressen

4. Pyrethroids

1. Cypermethrin
2. Alphamethrin

44c What were these pesticides used to control?

Tick where appropriate

1. Insects	2. Parasites	3. Disease/Fungi	4. Other (Specify)

Section III : Crop Production Part A : CROPS AND FALLOW FIELDS CHANGES

45a Did this Holding plant/plough crops this year? from October of previous year to September of current Agricultural season?

Yes = 1

No = 2 → Question 55a

45b Is the ploughing/plating taking place along Molapo (river bank) or on Dry Land (Tick where appropriate)?

1. Molapo (River Bank)	2. Dry Land	3. Both Dry Land and Molapo (River Bank)

Section III : Crop Production Part B : DISPOSAL OF CROP PRODUCE

52 Now ask the Holder about the harvested crops .

Harvesting Codes	Field Number		Field Number		Field Number		Field Number		Field Number	
Has been Harvested = 1										
Will be Harvested = 2	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:	Crop:
Will not be Harvested = 3										
a. Office Use (Crop Code)										
b. Harvesting Status Code										
c. Total Production										
Type of Unit										
Weight of Unit (Kg)										
Number of Units										
Office Use (Qty Kg)										
d. Home Consumption										
Type of Unit										
Weight of Unit (Kg)										
Number of Units										
Office Use (Qty Kg)										
e. Stored										
Type of Unit										
Weight of Unit (Kg)										
Number of Units										
Office Use (Qty Kg)										
f. Given Away										
Type of Unit										
Weight of Unit (Kg)										
Number of Units										
Office Use (Qty Kg)										
g. Sold/Traded										
Type of Unit										
Weight of Unit (Kg)										
Number of Units										
Amount Received (Pula)										
Office Use (Qty Kg)										
h. Expected further sales										
Type of Unit										
Weight of Unit (Kg)										
Number of Units										
Amount Expected (Pula)										
Office Use (Qty Kg)										

53 To whom were most of the crops sold?

1. BAMB Directly
2. BAMB Agent
3. Co-operative
4. Private Trader
5. Public Directly
6. Millers
7. Other (specify) _____

Sorghum		Maize		Millet		Cow Peas		Groundnuts		Sunf	Others
Qty	Pula	Qty	Pula	Qty	Pula	Qty	Pula	Qty	Pula	Qty	Pula

54 What was the main reason for not harvesting the crops mentioned earlier in Question 52 (*Circle Appropriate code*)?

- | | | | |
|---|---|-----------------------------------|---|
| 1. Lack of rain | 1 | 5. Crops destroyed by floods | 5 |
| 2. Crops destroyed by Livestock | 2 | 6. Crops destroyed by weeds | 6 |
| 3. Crops attacked by insects (locust etc) | 3 | 7. Crops destroyed by frost | 7 |
| 4. Crops attacked by pests (quelea birds etc) | 4 | 8. Crops destroyed by wildlife | 8 |
| | | 9. Other (<i>Specify</i>) _____ | 9 |

Section IV : WATER SUPPLY ,FARM EQUIPMENT AND MACHINERY INVENTORY

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

	1. Borehole	2. Well(Petse/Sediba)	3. Dam	4. River (Open well) (Including Go shaola)	5. Lecha (Pan)	6. Pond (Mogobe)	Other Specify
1. Irrigation							
2. Livestock							
3. Household							

55b Who owns the water source?

Tick where appropriate

	Self	Family	Syndicate	Community	Council	None
1. Borehole						
2. Well (Petse/Sediba se se fatilweng)						
3. Dam						
4. River(Including Go shaola)						
5. Lecha (Pan)						
6. Pond (Mogobe)						

56 How many of the following are in good working condition or temporarily out of order? Include those temporarily out of order

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

Section V : FARM ENTERPRISE - ECONOMIC SECTION

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

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

57b Of the ones indicated above , which do you regard as the most important?

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

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

Circle
1
2
3
4
5

58b Of the ones indicated above , which do you regard as the most important?

59a Have you heard of ALDEP, i.e. Arable Land Development Programme?

Yes = 1
No = 2 ⇒ Question 59d

59b Did this Holding participate in the ALDEP programme?.

Yes = 1
No = 2 ⇒ Question 59d

59c What was the package obtained?

1. Fencing
2. Implements
- 3a. Draught Power: Donkeys/Mules
- 3b. Draught Power: Cattle

Circle

- 1
- 2
- 3a
- 3b
4. Scotch Cart
5. Water tanks
6. Small Stock
7. Other (*Specify*) _____

Circle

- 4
- 5
- 6
- 7

59d Apart from ALDEP Programme what other programmes of the Ministry of Agriculture do you know?

1. None (*If NONE go to Question 60a*)
2. Livestock Water Development
3. SLOCA
4. Other (*Specify*) _____

Circle
1
2
3
4

59e Which of these programmes have you used?

1. NONE
2. SLOCA
3. Livestock Water Development
4. Other (*Specify*) _____

Circle
1
2
3
4

Section V : FARM ENTERPRISE: FARM CREDIT

60a Are you aware of any credit Institution?

Yes = 1
No = 2 ⇒ Question 62

60b Did this Holding receive any credit this year?

Yes = 1
No = 2 ⇒ Question 62

60c How much was the credit during this Agricultural Season?

60d What was this Credit used for?

1. Livestock
2. Crops
3. Other (*Specify*) _____

Circle
1
2
3

61 Which credit Institutions helped you?

1. NDB
2. Commercial Banks
3. Other Loan Facilities (*Specify*) _____

Circle
1
2
3

Section V : FARM ENTERPRISE - FARM LABOUR

62 Did you employ/hire anyone on fulltime or on temporary basis to work on this holding from October of previous year to September of current Agricultural season?

1. Yes, on Full Time basis
2. Yes, on Temporary basis
3. Yes, Both on Full Time and on Temporary basis
4. No

Circle

- 1
- 2
- 3
- 4



Question 62



END OF INTERVIEW

Question 62 WORKERS CURRENTLY EMPLOYED IN THE HOLDING AND THEIR IMPEDIMENTS THAT INHIBITS THEIR PERFORMANCE

	NAME	FAMILY MEMBER	SEX	AGE	MARITAL STATUS	SCHOOL	HIGHEST LEVEL	TRAINING RECEIVED	OCCUPATION	EMPLOYEE STATUS	HOURS WORKED	PAY-TIME	HOW PAID	AMOUNT	CASH EQUI-	INCOME	IMPEDI-MENTS
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
W O R K E R N U M B E R	Please Give/Provide Names of all Persons Working in this Holding	Is a Family Member? 1. Yes - 2. No	1. Male 2. Female	How Old is? (Age In Completed Years)	1. Married 2. Separated 3. Living Together 4. Divorced 5. Widowed 6. Never Married	1. Yes - Attending 2. Yes - But Left School 3. No - Skip to Column 9	What Highest Level/Grade Has..... Completed? (Use Education Codes In Household Schedule)	How did Get the Skills He/She has now? 1. None 2. Self taught 3. Apprenticeship 4. On the Job 5. Technical/Vocational Institution Other (Specify)		Is a Regular Paid Employee? 1. Yes - Paid Regularly 2. Yes - Paid Apprenticeship 3. Yes - Paid Part-Time/Casual 4. No - Go To Column 12 And Skip To Column 17	How Many Hours a Week Does Usually Work? 1. Daily 2. Weekly 3. Fortnightly 4. Monthly 5. Six Monthly 6. Yearly Other (Specify)	How Often is Paid? 1. Cash Only 2. In Kind 3. Both Complete Columns 15 And 16	How is....Paid Go To Column 15 And Skip Column 17 2. In Kind Go To Column 16 3. Both Complete Columns 15 And 16	How Much Cash To The Nearest P5?	How Much Is the Cash Equivalent of the In Kind Payment to the Nearest P5?	How Much Income Does..... Get From Other Activities Outside this Activity, (write total for whole period of agricultural season)	1. None 2. One Limb 3. Two Limbs 4. Sight 5. Hearing 6. Mental 7. Long Illness OTHER
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

NOTE: Column 8 - HIGHEST LEVEL OF EDUCATION COMPLETED:

Primary			
10 Left at Standard 1	15 Standard 5	14 Standard 4	
11 Standard 1	16 Standard 6	13 Standard 3	
12 Standard 2	17 Standard 7	19 Not Known	

Secondary			
21 Form 1	25 Form 5	Vocational/Technical (eg Brigades, ATTS, TTC, etc)	
22 Form 2	26 Form 6	31 Year 1	34 Year
23 Form 3	29 Not Known	32 Year 2	35 Year
24 Form 4		33 Year 3	

Tertiary (University and its Affiliates)			
40 Year 1	42 Year 4		
41 Year 2	43 Year 5 and over		
42 Year 3	44 Not Known		



Republic of Botswana

Central Statistics Office
Private Bag 0024, GABORONE, BOTSWANA
ANNUAL AGRICULTURAL SURVEY



Collected under Statistics Act (Cap 17:01)

FORM IV: COMMERCIAL FARMS AND RANCHES

Section I: IDENTIFICATION

For Office Use Only

- 1 Agricultural Region:
2 Agricultural District:
3 Block Number
4 Questionnaire Number

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

- 6 What is the Farm Number ?

- 7 If this Farm is also known by another Name, please indicate:

- 8 Name of (a) Owner/Lease and (b) Respondent

- 9 c. Sex of Farm Owner

1. Male

2. Female

- 10a In which Block is this Farm located?

1. Tuli Block

7. Lobatse Freehold

13. Haina Veld TGLP

2. Tati Block

8. Sand Veld TGLP

14. Nata TGLP

3. Gantsi Freehold

9. Ngwaketse TGLP

15. Lepasha TGLP

4. Molopo Freehold

10. Kgalagadi TGLP

16. Barolong Farms

5. Gaborone Freehold

11. Kweneng TGLP

17. Other (Specify)

6. Pandamatenga

12. Gantsi TGLP

- 10b What is the total area for this particular Farm?

Hectares	Acres	Morgans

- 11 Indicate the type of Organisation or Management of this Farm :

1. Individual Ownership

1	
2	
3	
4	

5. Public Limited Company

5	
6	
7	

2. Partnership

6. TGLP Syndicate

3. Co-operative

7. Government

4. Private Limited Company

8. Other (Specify)

- 12 Is any Part or Portion of this Farm sublet (Leased) or operated by someone else?

Yes = 1

No = 2

→ Question 14

- 13 Please list the Names, Addresses of each farmer and Area of portion (s) leased to each farmer
(This is necessary so that they could be sent questionnaires directly

	N a m e	Postal Address	A r e a	Unit
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

- 14a Are there other farms in this Block that are under the same Ownership as this one?

Yes = 1

No = 2 → Question 15a

- 14b Please give Farm Names, Locations and Total Area for each Farm specified.

	N a m e	Postal Address	A r e a	Unit
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

* Please do not include information from these Farms on this form. You will be sent separate FORMS for each Farm that you have specified in Question 14 b.

Section II : LIVESTOCK: CATTLE

- 15a Does this Farm have any Cattle?

Yes = 1 →

Question 16a

No = 2

- 15b Did this Farm have any Cattle from October of previous year to September of the current Agricultural Season?

Yes = 1 → Question 17

No = 2 → Question 26a

- 16a How many of the following animals do you have on this Farm?

Bulls	Oxen	Cows	Tollies	Heifers	Male Calves	Female Calves	Total Cattle

- 16b Major Cattle Breed: Which is the major breed amongst your Cattle?

(e.g., Brahman, Simental etc)

(Office Use)

- 16c Cattle Breed Preference: Which breed of cattle do you prefer most?

(Office Use)

- 16d Why do you prefer this particular breed

(Office Use)

- 16e Bull Type: What is the main bull type or semen used amongst your Cattle?

(Office Use)

- 16f Bull Type Preference: Which breed of Bulls/Semen do you prefer Most?

(Office Use)

- 16g Why do you prefer this particular breed/Semen?

(Office Use)

- 17 Sales : How many Cattle were sold or traded out from October of previous year to September of current Agricultural season?

S o l d T o		S o l d		T r a d e d			Bulls Sold	
		Number	Value	Number	Value	Description	Number	Value
BMC	1 to 3 Years							
Direct	Over 3 Years							
BMC	1 to 3 Years							
Agent	Over 3 Years							
Co-operative	1 to 3 Years							
	Over 3 Years							
Another	1 to 3 Years							
Farmer	Over 3 Years							
At Auction	1 to 3 Years							
	Over 3 Years							
Municipal	1 to 3 Years							
Abattoir	Over 3 Years							
Village	1 to 3 Years							
Abattoir	Over 3 Years							
8. Trader:	1 to 3 Years							
	Over 3 Years							
9. Butcher:	1 to 3 Years							
	Over 3 Years							
10. Feedlot	1 to 3 Years							
	Over 3 Years							

- 18 Births: How many Calves were born from October of previous year to September of the current Agricultural Season?

(Number)

- 19a Deaths: How many Calves died from October of previous year to September of the current Agricultural Season?

(Number)

(If no deaths go to question 20)

- 19b Causes: What were the Causes of deaths?

Tick where appropriate

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other

- 20 Loss: How many Calves were lost due to strays and theft from October of previous year to September of the current Agricultural Season?

(Number)

- 21a Deaths: How many Cattle, excluding Calves, died from October of previous year to September of the current Agricultural Season? (If no deaths go to question 22)

(Number)

- 21b Causes: What were the Causes of deaths?

Tick where appropriate

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other

- 22 Lost: How many Cattle excluding calves were lost due to strays and theft from October of previous year to September of the current Agricultural Season?

(Number)

- 23 Consumption: How many Cattle were slaughtered for home consumption from October of previous year to September of the current Agricultural Season? Include those slaughtered for wedding , death ceremonies.

(Number)

- 24 Given away: How many Cattle were given away (including Bogadi/Lobola) from October of previous year to September of the current Agricultural Season?

(Number)

- 25 Purchases: Number of Cattle purchased/obtained from October of previous year to September of current Agricultural Season?

Purchased/Obtained	Value or Description of goods	Office Use
1. Purchased		
2. Obtained		

Section II : LIVESTOCK: GOATS

- 26a Does this farm have any Goats?

Yes = 1 
No = 2

Question 27

26b Did this Farm have any Goats from October of previous year to September of current Agricultural Season?

Yes = 1 → Question 28
No = 2 → Question 37a

27 How many of the following animals do you have on this Farm?

He Goats	Castrated Males	Female Goats	Male Kids	Female Kids	Total Goats

28 Births: How many Kids were born from October of previous year to September of current Agricultural Season?

(Office Use)

29a Deaths: How many Kids died from October of previous year to September of current Agricultural Season? (If no deaths go to question 30)

(Office Use)

29b Causes: What were the Causes of deaths? (Tick where appropriate)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other

30 Lost: How many Kids were lost due to strays and theft from October of previous year to September of current Agricultural Season?

(Office Use)

31a Deaths: How many Goats, excluding Kids, died from October of previous year to September of current Agricultural Season? (If no deaths go to question 32)

(Office Use)

31b Causes: What were the Causes of deaths? (Tick where appropriate)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other

32 Lost: How many Goats(excluding Kids) were lost due to strays and theft from October of previous year to September of current Agricultural Season?

(Office Use)

33 Consumption: How many Goats were slaughtered for consumption from October of previous year to September of current Agricultural Season? Include those slaughtered for weddings, death ceremonies and all other ceremonies.

(Office Use)

34 Given away: How many Goats were given away from October of previous year to September of current Agricultural Season?

(Office Use)

35 Sales: How many Goats were sold or traded from October of previous year to September of current Agricultural season?

Sales/Traded	Value (Pula)	Description of traded goods where applicable	(Office Use)
1. Sales			
2. Traded			

36 Purchased: Purchased/obtained from October of previous year to September of current Agricultural Season?

Purchased/Obtained	Value (Pula)	Description of goods where applicable	(Office Use)
1. Purchased			
2. Obtained			

Section II : LIVESTOCK: SHEEP

37a Does this Farm have any Sheep?

Yes = 1 → Question 38
No = 2

37b Did this Farm have any Sheep from October of previous year to September of current Agricultural Season?

Yes = 1 → Question 39
No = 2 → Question 48

38 How many of the following animals do you have on this Farm?

Ram	Castrated Males	Female Sheep	Male Lambs	Female Lambs	Total Sheep

39 Births: How many Lambs were born from October of previous year to September of current Agricultural Season?

(Number)

40a Deaths: How many Lambs died from October of previous year to September of current Agricultural Season? (If no deaths go to question 41)

(Number)

40b Causes: What were the Causes of deaths? (Tick where appropriate)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other
☐	☐	☐	☐	☐

41 Lost: How many Lambs were lost due to strays and theft from October of previous year to September of current Agricultural Season?

(Number)

42a Deaths: How many Sheep, excluding Lambs, died from October of previous year to September of current Agricultural Season? (If no deaths go to question 43)

(Number)

42b Causes: What were the Causes of deaths? (Tick where appropriate)

1. Diseases	2. Parasites	3. Accidents	4. Predators	5. Other
☐	☐	☐	☐	☐

43 Lost: How many Sheep(excluding Lambs) were lost due to strays and theft from October of previous year to September of current Agricultural Season?

(Number)

44 Consumption: How many Sheep were slaughtered for consumption from October of previous year to September of current Agricultural Season? Include those slaughtered for weddings, death ceremonies etc

(Number)

45 Given away: How many Sheep were given away from October of previous year to September of current Agricultural Season?

(Number)

46 Sales: How many Sheep were sold or traded from October of previous year to September of current Agricultural Season?

Sales/Traded	Value (Pula)	Description of traded goods where applicable	Office Use
1. Sales			
2. Traded			

47 Purchased: Purchased/obtained from October of previous year to September of current Agricultural Season?

Purchased/Obtained	Value (Pula)	Description of goods where applicable	Office Use
1. Purchased			
2. Obtained			

Section II : LIVESTOCK: OTHER LIVESTOCK

48 How many Other Livestock are on this Farm/Ranch and how many were sold or traded from October of previous year to September of current Agricultural season? If animals were exchanged for other goods, state the value or the description of those goods?

	Current Number	SALES		TRADED		Value (Pula) *
		Number	Value	Number	Description of traded goods where applicable	
1. Pigs						
2. Donkeys						
3. Mules						
4. Horses						
5. Dogs						
6. Chickens						
7. Ostriches						
8. Other Birds						
9. Other Animals						

49a Were any vaccines/drugs/medicines used on your livestock from October of previous year to September of current Agricultural season?

Yes = 1

No = 2



Question 50a

49b What type of vaccines/drugs/medicines did you use?
(write names of vaccines/drugs/medicines below)

1 _____
2 _____
3 _____

4 _____
5 _____
6 _____

Section III: CROP PRODUCTION : WATER SOURCE AND MARKETING OF HORTICULTURAL PRODUCE

59

What is your most reliable source of water supply for your crops?
(Tick where appropriate)

Bore-hole	Dam	River	Well

60

Who owns the water source?
(Tick where appropriate)

	Self	Family	Syndicate	Community	Council	None
1. Bore-hole						
2. Well						
3. Dam						
4. River						

61

To which of the following buyers do you sell your horticultural produce?
(Tick where appropriate)

Wholesalers	Farm Stall	Retailers	Street Vendors	Fresh Produce Market	Institutions	Public	Other

Section IV: FARMING PRACTICE USE OF FERTILISER

62a

Were any chemical fertilisers or manure used on any of your crop fields?

Yes = 1

No = 2

Question 63a

62b

What kind of fertiliser did you use?

Type of Fertiliser	Number of Units	Weight per Unit	Office Use	Hectarage Covered	Total Cost
			Quantity Used		
1. Inorganic					
2. Organic					
3. Other (Specify)					

63a

Were any pesticides used on your crop fields?

Yes = 1

No = 2

Question 64

63b

What kind of pesticide did you use?

1. Organophosphate

1. Parathion

2. Diamond Backmorth

3. Malathon

2. Organochlorides

1. DDT

2. Addeen

3. Carbomates

1. Carbarly

4. Pyrethroids

1. Cypermethrin

2. Alphamethrin

Section V DISPOSAL OF YOUR CROP PRODUCTION

64

Please give details below of the total area planted, area harvested, crop production and disposal from October of previous year to September of current Agricultural Season?

64 Please give details below of the total area planted and harvested and the crop production and disposal in the agricultural period. For perennial crops, give total area under cultivation.

(Please indicate the unit of area measurement in Column 1: Hectare = 1, Acre = 2, Morgan = 3)

Crops	Crop Code	Unit Used for Area	Crop Area Planted and Harvested				Total Production for the Season				Disposal of your production for the Season							
			Total Area (Including Irrigated)		Irrigated Area only		Total Production (including irrigated)			Irrigated Area Only	Number of Units Sold	Average Price per Unit Sold (Pula)	Total Receipts from Sales Already Made (Pula)	Number of Units Expect to Sell	Expected Total Receipts from column 13 (Pula) *	Units for Home Consumption **	Units for Payment in Kind **	Units Stored as Seeds next Season
			Planted	Harvested	Planted	Harvested	Number of Units	Weight (kg) per Unit	Quantity Kg	Number of Units								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A. GRAINS	Only																	
1. Sorghum																		
2. Maize																		
3. Millet																		
4. Wheat																		
B. CASH CROPS																		
1. Pulses																		
2. Sunflower																		
3. Groundnuts																		
4. Cotton																		
5. Lucerne																		
6. Chillies																		
7. Okra																		
8. Baby Marrow																		
9. Egg Plant																		

Notes:

1. Please include any crops you have that are not listed.
2. In columns 6, 7, 9, 10, 11, 13, 15, 16 & 17, by UNIT we mean a bag, box, bundle, etc. Specify average weight per unit in column 7.
3. Columns 10, 11, & 12 deal with sales you have already made, while column 13 deals with sales you still expect to make from the harvest of the current agricultural season (October of previous year to September of current year)
4. * Column 14 requires the expected total receipts from the remaining units still to be sold.
5. ** Include in: Column 15 quantity for your own household consumption, Column 16 quantity used for farm labourers as payment in kind, & Column 17 quantity stored as seeds for next season (October this year to September next year).

