

የተሰጠው
የሰነድ ቁጥር



National Regional state of Tigray
Bureau of Agriculture & Natural Resources



Livestock Census Analysis Result

BY REGION

BY REGION



BOANR
NOVEMBER 1998
MEKELLE



I. Introduction

Unlike the variations of the extent & type of the resources from source to source, there is a common understanding that Tigray is known for its livestock potential. However, the variation of data due to different sources of information have stayed a bottleneck to device an appropriate regional livestock development program. To alleviate the problem, the Bureau of Agriculture & Natural resources has undertaken the regional livestock census.

For the region as a whole, this census is the only major source of data pertaining to livestock population.

II. Objectives of the survey

The major objective of the survey is to provide reliable & basic quantitative information that are required for the formulation & implementation of sound livestock development plans.

The specific objective is identification & evaluation of the livestock conditions of the rural & urban areas of the region.

III Coverage and Content

- The 1990 E.C. Livestock census covered the five zones, 36 weredas, 544 rural Tabias & 59 urban Tabias/ kebeles. It was carried out in all rural households & in urban households who own cattle, goats, equines & / or camels. Urban households who don't own cattle, goats, equines & / or camels but poultry & / or pet animals only are not included in the survey. In this survey information was collected on the type, sex, breed, number & characteristics of livestock from a total of 670,856 households. The Tabias & households covered by the survey in each zone are given in the following table.

Zone	Number of Tabias covered in the survey			Number of households covered in the survey		
	Rural	Urban	Total	Rural	Urban	Total
Southern	118	11	129	179314	2644	181958
Eastern	110	8	118	125670	1442	127112
Central	179	9	188	209536	2766	212302
Western	137	11	148	144061	4770	148831
Mekelle		20	20		653	653
Total	544	59	603	658581	12275	670856

IV. Training of field staff

Training was given at two stages, the first one was at the head office in the middle of Hamle 1990 E.C. for woreda & zonal supervisors who served as trainers & coordinators at the second stage training. The second stage training was given for about 630 enumerators in different weredas where branch Agricultural Development & Natural Resources offices are located.

In the first stage of training, about 75 trainees have participated for three days at the head office. The topics covered were objectives of the survey, method of data collection, detailed contents of the questionnaire, concepts & definitions, interviewing procedures, etc....

The second stage training was given for development agents & for a newly recruited enumerators at the branch offices by the woreda & zonal supervisors. The training procedures were the same as the first stage.

V. Field organization

After the training necessary materials such as questionnarrie, eraser, pencil, pencil sharpener, clipboard, ball point ... etc were made available for the survey.

For the execution of the survey, experts from the head office, zonal planning & programming service heads, woreda supervisors & enumerators were involved.

VI. Method of Data collection

During the seven days before the census day all households in the rural areas & households who own cattle, shoats, equines & / or camels in the urban areas were listed in a form designed for the purpose.

To carry out the data collection, the questionnaire method was used. The questionnaires were filled-in by enumerators on house to house count basis. Thus all households in rural & urban areas, except households who don't have any livestock or households who only possess poultry & / or pet animals in urban areas, were interviewed & the appropriate data were collected. The reference date for enumerating livestock population was meskerm 1st of 1990 E.C.

Table A. Summaries of Livestock Holding

Type of livestock	Sex	Sum	%	Mean	Std deviation	Valid N
Cattle	Male	1130734	37.19	1.69	2.27	670856
	Female	1910025	62.81	2.85	4.34	670856
	Total	3040759	100.00	4.53	6.32	670856
Sheep	Male	170992	18.28	0.25	1.16	670856
	Female	764356	81.72	1.14	3.59	670856
	Total	935349	100.00	1.39	4.46	670856
Goat	Male	374173	25.53	0.56	1.85	670856
	Female	1091567	74.47	1.63	4.14	670856
	Total	1465741	100.00	2.18	5.01	670856
Donkey	Male	166254	54.79	0.25	0.61	670856
	Female	137157	45.20	0.20	0.64	670856
	Total	303412	100.00	0.45	0.94	670856
Horse	Male	3121	61.08	0.00	0.09	670856
	Female	1989	38.92	0.00	0.08	670856
	Total	5110	100.00	0.01	0.13	670856
Mule	Male	4394	42.18	0.01	0.11	670856
	Female	6023	57.82	0.01	0.15	670856
	Total	10417	100.00	0.02	0.20	670856
Camel	Male	12533	91.74	0.02	0.34	670856
	Female	1128	8.26	0.00	0.11	670856
	Total	13661	100.00	0.02	0.36	670856
Chicken	Pullets	352565	15.61	0.53	6.10	670856
	Laying Hens	709998	31.43	1.06	2.56	670856
	Cokrels	168453	7.46	0.25	0.93	670856
	Cocks	225312	9.97	0.34	0.74	670856
	Chicks	802567	35.53	1.20	3.18	670856
	Total	2258896	100.00	3.37	9.93	670856
Pets	Dog	155434		0.23	0.49	670856
	Cat	185373		0.28	0.55	670856

Table B. Livestock Population by Breed (Type)

Type	Breed	Sum	%	Mean	Std deviation	Valid N
Cattle	Raya/Harmo	225675	9.57	0.34	2.29	670856
	Arado	1426410	60.51	2.13	3.68	670856
	Barka(Begait)	76706	3.25	0.11	1.87	670856
	Medenes	71909	3.05	0.11	1.49	670856
	Abergelle	82256	3.49	0.12	1.05	670856
	Abisinian	468254	19.86	0.70	3.22	670856
	Exotic Breed	4429	0.19	0.01	0.98	670856
	Other	1598	0.07	0.00	0.17	670856
Sheep	Begait	31715	3.62	0.05	1.10	670856
	Abergele	86532	9.87	0.13	1.68	670856
	Elle	27116	3.09	0.04	0.70	670856
	Begie Degua	715434	81.59	1.07	3.57	670856
	Other	16102	1.84	0.02	0.59	670856
Goat	Begait	39303	2.77	0.06	1.14	670856
	Abergele	268705	18.94	0.40	2.87	670856
	Widar	19977	1.41	0.03	0.64	670856
	Tel Degua	889268	62.68	1.33	4.13	670856
	Maefur	38810	2.74	0.06	1.26	670856
	Medenes	113702	8.01	0.17	1.66	670856
	Other	48975	3.45	0.07	1.13	670856
Poultry	Teken Local	24325	1.12	0.04	0.65	670856
	Teken Cross	11511	0.53	0.02	0.40	670856
	Derho Habesha Local	2080358	95.88	3.10	5.08	670856
	Derho Habesha Cross	37624	1.73	0.06	1.00	670856
	Pure exotic breed	12638	0.58	0.02	8.32	670856
	Other local breed	804	0.04	0.00	0.14	670856
	Other Cross breed	1090	0.05	0.00	1.00	670856
	Other pure breed	1317	0.06	0.00	1.05	670856

Table C. *Livestock population and Dynamics*

POPULATION BY SEX				POPULATION DYNAMICS				
TYPE	MALE	FEMALE	TOTAL	BORN	DEAD	SOLD	SLAUGHTERED	PURCHASED
CATTLE	1130734	1910025	3040759	299121	166873	48955	18466	83943
SHEEP	170992	764356	935349	177929	303873	37733	101478	109690
GOAT	374173	1091567	1465741	308393	396798	38637	124476	130615
DONKEY	166254	137157	303412	16206	14422	9346	-	6456
HORSE	3121	1989	5110	489	507	260	-	287
MULE	4394	6023	10417	192	794	336	-	436
CAMEL	12533	-	-	94	1247	937	284	1169
CHICKEN	-	-	2258896	1593391	680404	126404	811630	280384

TABLE C5. LIVESTOCK POPULATION AND SLAUGHTER RATE

TYPE	MALE	FEMALE	TOTAL	SLAUGHTERED	SLAUGHTER RATE
CATTLE	1130734	1910025	3040759	18466	0.006
SHEEP	170992	764356	935348	101478	0.108
GOAT	374173	1091567	1465740	124476	0.085
DONKEY	166254	137157	303411	-	0.000
HORSE	3121	1989	5110	-	0.000
MULE	4394	6023	10417	-	0.000
CAMEL	12533	1128	13661	284	0.021
CHICKEN	-	-	2258896	811630	0.359
TOTAL	-	-	8033342	1056334	0.131

TABLE C6. LIVESTOCK POPULATION AND PURCHASE RATE

TYPE	MALE	FEMALE	TOTAL	PURCHASED	PURCHASE RATE
CATTLE	1130734	1910025	3040759	83943	0.028
SHEEP	170992	764356	935348	109690	0.117
GOAT	374173	1091567	1465740	130615	0.089
DONKEY	166254	137157	303411	6456	0.021
HORSE	3121	1989	5110	287	0.056
MULE	4394	6023	10417	436	0.042
CAMEL	12533	1128	13661	1169	0.086
CHICKEN	-	-	2258896	280384	0.124

TABLE C7. GROWTH RATE AND OFFTAKE RATE

TYPE	LIVESTOCK	BIRTH	DEATH	SLAUGHTER	LIVESTOCK	GROWTH	OFFTAKE
	89	RATE	RATE	RATE	90	RATE	RATE
CATTLE	2926977	0.098	0.055	0.006	3040759	0.039	0.061
SHEEP	1162771	0.190	0.325	0.108	935349	-0.196	0.433
GOAT	1678622	0.210	0.271	0.085	1465741	-0.127	0.356
DONKEY	301628	0.053	0.048	-	303412	0.006	0.048
HORSE	5110	0.096	0.099	-	5110	-0.004	0.099
MULE	10417	0.002	0.008	-	104170	-0.006	0.008
CAMEL	15098	0.007	0.091	0.021	13661	-0.095	0.112
CHICKEN	2157539	0.705	0.301	0.359	2258896	0.047	0.661
TOTAL	8352535	0.295	0.193	0.130	8127098	-0.027	0.323

TABLE C8. LIVESTOCK HOLDING

LIVESTOCK HOLDING				PERCENT	
TYPE	MALE	FEMALE	TOTAL	MALE	FEMALE
CATTLE	1130734	1910025	3040759	37%	63%
SHEEP	170992	764356	935348	18%	82%
GOAT	374173	1091567	1465740	26%	74%
DONKEY	166254	137157	303411	55%	45%
HORSE	3121	1989	5110	61%	39%
MULE	4394	6023	10417	42%	58%
CAMEL	12533	1128	13661	92%	8%
CHICKEN	-	-	-	-	-
TOTAL	-	-	5774446	-	-

Table D. *Livestock population by Age in years and Breed*

TYPE	Less than 0.5		0.5 - 1		1-2		2-3		3-4		4-5		5-6		6-7	
	male	female	male	female	male	female	male	female	male	female	male	female	male	female	male	female
CATTLE	73913	100239	77682	96683	76877	90626	87921	105014	91841	117560	87695	111876	102935	133449	174986	183042
SHEEP	51211	75155	29909	52122	26070	79165	24581	127365	20370	16559	18851	246138				
GOAT	99622	133472	52990	81752	60455	122941	58693	175667	52468	214939	49945	362795				
DONKEY	5681	6441	6897	9184	9191	10165	12262	12761	18555	18708	110127	79282				
HORSE	152	89	219	111	220	108	358	140	406	177	1714	1283				
MULE	44	98	60	35	68	47	113	108	239	265	3444	4712				
CAMEL	115	44	52	40	143	24	457	35	1091	62	10080	774				

7 and above	
male	female
356880	321973

Table E. Total Population and Farm size

	Sum	Mean	Std deviation	Valid N
Female family size	1437475	2.22	1.22	648395
Male family size	1392625	2.08	1.48	670501
Total family size	2807435	4.33	2.19	648271
Farm size in Timad	2427620	3.62	26.28	670856
Number of plots	1426669	2.13	1.35	670856

Table F. Animals used for ploughing

	Sum	Mean	Std deviation	Valid N
Male cattle used for ploughing	649561	.97	1.37	670856
Female cattle used for ploughing	5285	.01	.15	670856
Male donkeys used for ploughing	3541	.01	.08	670856
Female donkeys used for ploughing	616	.00	.04	670856
Male horses used for ploughing	52	.00	.01	670856
Female horses used for ploughing	81	.00	.01	670856
Male Mules used for ploughing	426	.00	.03	670856
Female Mules used for ploughing	758	.00	.06	670856
Male Camels used for ploughing	595	.00	.04	670856
Female Camels used for ploughing	149	.00	.05	670856

Table G. Bee hives

	Sum	Mean	Std deviation	Valid N
No. of traditional bee hives	182064	.27	1.28	670856
Ave. honey in traditional bee hives	524408	.78	3.06	670856
Freq. per year in traditional bee hives	130565	.19	.88	670856
No. of modern bee hives	2453	.00	.18	670856
Ave. honey in modern bee hives	2504	.00	.52	670856
Freq. per year in modern bee hives	718	.00	.13	670856

TABLE H. CATTLE OWNERSHIP BY SEX

REGIONAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FEMALE CATTLE						
NONE	190098	5758	195856	84835	109908	194743
1-2	195830	3327	199157	154304	43986	198290
3-10	249275	2963	252238	223509	27687	251196
11-20	18255	140	18395	16887	1457	18344
21-50	420	16	436	383	49	432
51-100	51	5	56	53	2	55
MALE CATTLE						
NONE	212849	7363	220212	97305	121725	219030
1-2	295468	3679	299147	248248	49592	297840
3-10	144714	1171	145885	133549	11759	145308
11-20	4807	47	4854	4460	370	4830
21-50	45	3	48	44	3	47
51-100	5		5	4		4
CATTLE						
NONE	177030	5447	182477	75320	106147	181467
1-2	110790	2320	113110	80611	32000	112611
3-10	311500	4066	315566	273437	40747	314184
11-20	45956	304	46260	42555	3547	46102
21-50	1134	21	1155	1041	108	1149
51-100	177	11	188	168	18	186

TABLE 1: NUMBER OF HOUSEHOLDS BY ZONE by LOCATION

ZONE	LOCATION				Total	
	rural		urban		Count	Col %
	Count	Col %	Count	Col %		
SOUTHERN	179314	27.2%	2644	21.5%	181958	27.1%
EASTERN	125670	19.1%	1442	11.7%	127112	18.9%
CENTRAL	209536	31.8%	2766	22.5%	212302	31.6%
WESTERN	144061	21.9%	4770	38.9%	148831	22.2%
MEKELLE			653	5.3%	653	.1%
Total	658581	100.0%	12275	100.0%	670856	100.0%

TABLE 2: NUMBER OF HOUSEHOLDS BY ZONE BY SEX

ZONE	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
SOUTHERN	127049	26.2%	54325	29.6%	181374	27.2%
EASTERN	86172	17.8%	40530	22.1%	126702	19.0%
CENTRAL	154567	31.9%	56392	30.7%	210959	31.6%
WESTERN	116054	24.0%	32236	17.6%	148290	22.2%
MEKELLE	409	.1%	29	.0%	438	.1%
Total	484251	100.0%	183512	100.0%	667763	100.0%

TABLE 3: NUMBER OF HOUSEHOLDS BY ZONE FOR EACH SEX

REGIONAL

	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
ALAMATA	12496	2.6%	6719	3.7%	19215	2.9%
OFLA	20460	4.2%	8594	4.7%	29054	4.4%
RAYA AZOBO	15547	3.2%	7183	3.9%	22730	3.4%
INDA MOKONI	11187	2.3%	4663	2.5%	15850	2.4%
EMBA ALAGE	13974	2.9%	5694	3.1%	19668	2.9%
WAGERAT	19613	4.1%	9130	5.0%	28743	4.3%
ENDERTA	16858	3.5%	6807	3.7%	23665	3.5%
SEHARTE SAMRE	16913	3.5%	5534	3.0%	22447	3.4%
WUKRO	13429	2.8%	5894	3.2%	19323	2.9%
ASTBIE WEMBERTA	13534	2.8%	7817	4.3%	21351	3.2%
SASIE TSEDAEMBA	15495	3.2%	7272	4.0%	22767	3.4%
GULO MEKEDA	12185	2.5%	5089	2.8%	17274	2.6%
GANTA AFESHUM	13406	2.8%	7267	4.0%	20673	3.1%
HAWZIEN	14716	3.0%	5747	3.1%	20463	3.1%
EUROBE	3405	.7%	1442	.8%	4847	.7%
TANQUA ABERGELE	11154	2.3%	3183	1.7%	14337	2.1%
AHEFEROM	20696	4.3%	9143	5.0%	29839	4.5%
WERIE LEKE	19391	4.0%	8378	4.6%	27769	4.2%
ADWA	15121	3.1%	5280	2.9%	20401	3.1%
MEREB LEKE	13636	2.8%	4756	2.6%	18392	2.8%
LAILY MAICHEW	10473	2.2%	3337	1.8%	13810	2.1%
ADIET NAIDER	15162	3.1%	5355	2.9%	20517	3.1%
TAHTAY MAICHEW	12568	2.6%	5360	2.9%	17928	2.7%
KOLA TEMBIEN	19754	4.1%	6281	3.4%	26035	3.9%
DEGUA TEMBIEN	16614	3.4%	5322	2.9%	21936	3.3%
MEDEBAY ZANA	15906	3.3%	5620	3.1%	21526	3.2%
TAHTAY KORARO	9930	2.1%	2887	1.6%	12817	1.9%
ASGEDE TSEMBELA	15346	3.2%	3645	2.0%	18991	2.8%
LELAY ADIABO	11902	2.5%	3519	1.9%	15421	2.3%
TAHTAY ADIABO	13109	2.7%	4085	2.2%	17194	2.6%
TSELEMTI	17785	3.7%	4185	2.3%	21970	3.3%
KAFTA HUMERA	6993	1.4%	1959	1.1%	8952	1.3%
WELKAIT	14239	2.9%	3715	2.0%	17954	2.7%
TSEGEDIE	10845	2.2%	2621	1.4%	13466	2.0%
SOUTHERN	169	.0%	9	.0%	178	.0%
NORTHERN	240	.0%	20	.0%	260	.0%
Total	484251	100.0%	183512	100.0%	667763	100.0%

TABLE 4: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH LOCATION

	REGIONAL				Total	
	LOCATION				Count	Col %
	rural		urban			
Count	Col %	Count	Col %			
WEREDA						
ALAMATA	18452	2.8%	801	6.5%	19253	2.9%
OFLA	28567	4.3%	566	4.6%	29133	4.3%
RAYA AZOBO	22311	3.4%	470	3.8%	22781	3.4%
INDA MOKONI	15464	2.3%	562	4.6%	16026	2.4%
EMBA ALAGE	19600	3.0%	86	.7%	19686	2.9%
WAGERAT	28794	4.4%			28794	4.3%
ENDERTA	23629	3.6%	159	1.3%	23788	3.5%
SEHARTE SAMRE	22495	3.4%			22495	3.4%
WUKRO	18787	2.9%	559	4.6%	19346	2.9%
ASTBIE WEMBERTA	21503	3.3%			21503	3.2%
SASIE TSEDAEMBA	22712	3.4%	128	1.0%	22840	3.4%
GULO MEKEDA	17197	2.6%	141	1.1%	17338	2.6%
GANTA AFESHUM	20245	3.1%	457	3.7%	20702	3.1%
HAWZIEN	20358	3.1%	157	1.3%	20515	3.1%
EUROBE	4864	.7%			4864	.7%
TANQUA ABERGELE	14375	2.2%			14375	2.1%
AHEFEROM	29804	4.5%	145	1.2%	29949	4.5%
WERIE LEKE	27731	4.2%	779	6.3%	28510	4.2%
ADWA	19861	3.0%	638	5.2%	20499	3.1%
MEREB LEKE	18232	2.8%	274	2.2%	18506	2.8%
LAILY MAICHEW	13448	2.0%	410	3.3%	13858	2.1%
ADIET NAIDER	20568	3.1%			20568	3.1%
TAHTAY MAICHEW	17745	2.7%	239	1.9%	17984	2.7%
KOLA TEMBIEN	25808	3.9%	281	2.3%	26089	3.9%
DEGUA TEMBIEN	21969	3.3%			21969	3.3%
MEDEBAY ZANA	20727	3.1%	844	6.9%	21571	3.2%
TAHTAY KORARO	12576	1.9%	351	2.9%	12927	1.9%
ASGEDE TSEMBELA	18912	2.9%	191	1.6%	19103	2.8%
LELAY ADIABO	15503	2.4%			15503	2.3%
TAHTAY ADIABO	16739	2.5%	511	4.2%	17250	2.6%
TSELEMTI	21205	3.2%	795	6.5%	22000	3.3%
KAFTA HUMERA	7075	1.1%	1901	15.5%	8976	1.3%
WELKAIT	17848	2.7%	177	1.4%	18025	2.7%
TSEGEDIE	13477	2.0%			13477	2.0%
SOUTHERN			359	2.9%	359	.1%
NORTHERN			294	2.4%	294	.0%
Total	658581	100.0%	12275	100.0%	670856	100.0%

TABLE 5: NUMBER OF FAMILY MEMBERS IN A HOUSEHOLD FOR EACH SEX

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
MALES						
0	26588	21484	27392	14591	25	90080
1	51306	33384	52647	39135	66	176538
2	46414	29539	53711	39694	167	169525
3	31091	21600	40546	28720	158	122115
4	16624	12799	23190	16107	116	68836
5	6897	5592	10258	7042	62	29851
6	2186	1959	3309	2497	34	9985
7	580	539	907	687	13	2726
8	124	137	188	189	7	645
9	34	18	24	42	2	120
10	8	7	7	13	2	37
11	4	4	4	13		25
12	4		2	12		18

FEMALES						
0	965	984	1255	141		3345
1	64530	42859	68129	44278	59	219855
2	55025	34185	62208	44675	164	196257
3	34357	23958	43786	31220	186	133507
4	15095	12227	21293	15321	113	64049
5	4992	4771	7718	5453	67	23001
6	1385	1404	1922	1587	30	6328
7	275	356	443	362	9	1445
8	66	87	108	117	1	379
9	30	16	38	33	4	121
10	10	1	8	30		49
11	3	2	6	7		18
12	19	3	4	15		41

TABLE 6: NUMBER OF FAMILY MEMBERS IN A HOUSEHOLD

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
FAMILY SIZE						
0	155	214	66	29		464
1	17507	14786	19161	7826	4	59284
2	26677	16436	25515	18059	16	86703
3	32508	18855	32394	24615	54	108426
4	30240	18541	34580	25223	66	108650
5	25336	16540	31587	23018	106	96587
6	19343	13529	25902	17956	90	76820
7	13051	10388	19310	13022	105	55876
8	7320	6692	11170	7523	80	32785
9	3043	3129	4856	3609	50	14687
10	1024	1209	1651	1500	27	5411
11	265	356	456	460	15	1552
12	107	93	123	173	10	506
13	38	16	35	66	4	159
14	23	14	12	42	2	93
15	12	13	10	28	1	64
16	16	17	18	12	1	64
17	12	4	13	5	1	35
18	5	5	4	5		19
19	1		5	9		15
20	1	1	1	9	1	13
21	3		1	1		5
22	7	1	2	5		15
23	6	6	2	5		19
24	6	1	2	10		19

TABLE 7: POPULATION SIZE FOR EACH SEX BY LOCATION AND SEX OF HOLDER

REGIONAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MALES						
0	88863	1217	90080	9930	79433	89363
1	173670	2868	176538	120857	55081	175938
2	166369	3156	169525	137622	31256	168878
3	119800	2315	122115	109378	12237	121615
4	67377	1459	68836	64492	4041	68533
5	29101	750	29851	28610	1088	29698
6	9686	299	9985	9689	239	9928
7	2595	131	2726	2645	62	2707
8	604	41	645	627	11	638
9	113	7	120	113	3	116
10	29	8	37	27	7	34
11	20	5	25	22	3	25
12	17	1	18	13	5	18

FEMALES						
0	3305	40	3345	2743	590	3333
1	216912	2943	219855	126306	92835	219141
2	192739	3518	196257	143065	52504	195569
3	130671	2836	133507	108956	23955	132911
4	62516	1533	64049	55974	7792	63766
5	22336	665	23001	20818	2062	22880
6	6055	273	6328	5771	497	6268
7	1366	79	1445	1330	99	1429
8	349	30	379	348	23	371
9	107	14	121	106	12	118
10	44	5	49	37	7	44
11	15	3	18	12	6	18
12	39	2	41	30	5	35

TABLE 8: POPULATION SIZE BY LOCATION AND SEX OF HOLDER

REGIONAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FAMILY SIZE						
0	451	13	464	143	317	460
1	58708	576	59284	7047	52066	59113
2	85437	1266	86703	45186	41254	86440
3	106637	1789	108426	72037	36063	108100
4	106707	1943	108650	83773	24490	108263
5	94705	1882	96587	81658	14564	96222
6	75349	1471	76820	69794	6711	76505
7	54668	1208	55876	52517	3093	55610
8	31947	838	32785	31458	1147	32605
9	14223	464	14687	14201	417	14618
10	5148	263	5411	5223	138	5361
11	1453	99	1552	1493	43	1536
12	447	59	506	473	21	494
13	135	24	159	141	12	153
14	80	13	93	82	5	87
15	55	9	64	49	13	62
16	62	2	64	37	23	60
17	30	5	35	21	11	32
18	17	2	19	14	3	17
19	13	2	15	10	3	13
20	8	5	13	8	4	12
21	5		5	4		4
22	14	1	15	13	2	15
23	19		19	14	5	19
24	18	1	19	13	5	18

TABLE 9: AGE STRUCTURE BY LOCATION

REGIONAL

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
AGEGRP						
15-19	1430	2734	4164	4102	71	4173
20-24	17074	9913	26987	26776	283	27059
25-29	56007	17202	73209	72664	746	73410
30-34	62289	18319	80608	79624	1214	80838
35-39	59604	15761	75365	74285	1353	75638
40-44	55296	17362	72658	71343	1549	72892
45-49	52800	14004	66804	65652	1406	67058
50-54	47111	20650	67761	66383	1610	67993
55-59	34611	12349	46960	46096	1056	47152
60-64	34383	20840	55223	54190	1244	55434
65+	61302	33103	94405	93121	1629	94750

TABLE 10: AGE STRUCTUE BY LOCATION AND SEX OF HOLDER

REGIONAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
AGEGRP						
15-19	4102	71	4173	1430	2734	4164
20-24	26776	283	27059	17074	9913	26987
25-29	72664	746	73410	56007	17202	73209
30-34	79624	1214	80838	62289	18319	80608
35-39	74285	1353	75638	59604	15761	75365
40-44	71343	1549	72892	55296	17362	72658
45-49	65652	1406	67058	52800	14004	66804
50-54	66383	1610	67993	47111	20650	67761
55-59	46096	1056	47152	34611	12349	46960
60-64	54190	1244	55434	34383	20840	55223
65+	93121	1629	94750	61302	33103	94405

TABLE 11: CULTIVATED LAND BY LOCATION AND SEX OF HOLDER

REGIONAL

	sex of holder		LOCATION	
	male	female	rural	urban
farm size group				
none	46866	12756	53417	7011
0.01-1	41040	48383	88624	1240
1.01-2	106568	58877	164834	1324
2.01-3	90137	28718	118838	539
3.01-4	71880	15234	87006	380
4.01-6	69955	11919	81620	446
6.01-8	28428	4101	32424	168
8.01-10	14342	1783	15971	195
10.01-20	13203	1572	14466	339
20.01-40	1430	136	1264	312
40.01 and above	402	32	117	320

TABLE 11: NUMBER OF PLOTS BY LOCATION AND SEX OF HOLDER

REGIONAL

	sex of holder		LOCATION	
	male	female	rural	urban
plots group				
none	49022	13808	56745	7125
one	74347	54020	126411	2411
two	175080	71186	245045	1942
three	127120	34190	161302	598
four	38928	7488	46445	146
5 and above	19521	2661	22237	50

TABLE 12: NUMBER OF CATTLE BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female cattle group						
no female cattle	63948	45241	54623	26288		190100
one female cattle	26946	23244	33296	13598		97084
two or more female cattle	88420	57185	121617	104175		371397
male cattle group						
no male cattle	68343	51323	60480	32707		212853
only one male cattle	39417	38336	55186	26842		159781
two or more male cattle	71554	36011	93870	84512		285947
total cattle group						
no cattle	59840	42834	50153	24203		177030
one cattle	6378	5868	7548	4035		23829
two or more cattle	113093	76966	151834	115823		457716

(contd)

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female cattle group						
no female cattle	1270	320	1253	2833	82	5758
one female cattle	369	354	304	414	93	1534
two or more female cattle	1005	768	1209	1523	478	4983
male cattle group						
no male cattle	1556	727	1488	3327	265	7363
only one male cattle	487	406	552	640	226	2311
two or more male cattle	601	309	726	803	162	2601
total cattle group						
no cattle	1182	275	1177	2750	63	5447
one cattle	181	177	112	223	28	721
two or more cattle	1281	990	1477	1797	562	6107

TABLE 12: NUMBER OF CATTLE BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female cattle group						
no female cattle	65218	45561	55876	29121	82	195858
one female cattle	27315	23598	33600	14012	93	98618
two or more female cattle	89425	57953	122826	105698	478	376380
male cattle group						
no male cattle	69899	52050	61968	36034	265	220216
only one male cattle	39904	38742	55738	27482	226	162092
two or more male cattle	72155	36320	94596	85315	162	288548
total cattle group						
no cattle	61022	43109	51330	26953	63	182477
one cattle	6559	6045	7660	4258	28	24550
two or more cattle	114374	77956	153311	117620	562	463823

TABLE 13: NUMBER OF SHEEP BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female sheep group						
none	153413	77149	172734	128694		531990
1-5	16795	27765	23865	10107		78532
6-15	7454	18811	11208	4503		41976
16-30	1237	1835	1501	653		5226
31-50	295	90	185	94		664
51 and above	120	20	42	9		191
male sheep group						
NONE	164120	100174	187579	135825		587698
1-5	14066	24608	20130	7652		66456
6-15	995	855	1606	552		4008
16-30	112	25	210	26		373
31-50	12	6	10	5		33
51 AND ABOVE	9		1	1		11
total sheep group						
NONE	152339	76869	172093	128433		529734
1-5	15596	23741	20591	9000		68928
6-15	8936	21787	13693	5397		49813
16-30	1810	2974	2515	1018		8317
31-50	403	263	524	181		1371
51 AND ABOVE	230	36	119	31		416

TABLE 13: NUMBER OF SHEEP BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female sheep group						
none	1757	1072	2112	3647	601	9189
1-5	695	255	442	838	46	2276
6-15	177	110	190	223	5	705
16-30	13	5	21	34	1	74
31-50	2		1	15		18
51 and above				13		13
male sheep group						
NONE	2035	1223	2261	4263	605	10387
1-5	587	214	490	452	46	1789
6-15	21	5	15	42	1	84
16-30	1			6	1	8
31-50				4		4
51 AND ABOVE				3		3
total sheep group						
NONE	1672	1062	2103	3626	587	9050
1-5	679	224	353	770	49	2075
6-15	267	137	276	295	16	991
16-30	22	18	31	46		117
31-50	2	1	3	14	1	21
51 AND ABOVE	2			19		21

TABLE 13: NUMBER OF SHEEP BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female sheep group						
none	155170	78221	174846	132341	601	541179
1-5	17490	28020	24307	10945	46	80808
6-15	7631	18921	11398	4726	5	42681
16-30	1250	1840	1522	687	1	5300
31-50	297	90	186	109		682
51 and above	120	20	42	22		204
male sheep group						
NONE	166155	101397	189840	140088	605	598085
1-5	14653	24822	20620	8104	46	68245
6-15	1016	860	1621	594	1	4092
16-30	113	25	210	32	1	381
31-50	12	6	10	9		37
51 AND ABOVE	9		1	4		14
total sheep group						
NONE	154011	77931	174196	132059	587	538784
1-5	16275	23965	20944	9770	49	71003
6-15	9203	21924	13969	5692	16	50804
16-30	1832	2992	2546	1064		8434
31-50	405	264	527	195	1	1392
51 AND ABOVE	232	36	119	50		437

TABLE 14: NUMBER OF GOATS BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female goat sheep						
NONE	156205	109794	131737	84747		482483
1-5	16345	9043	46863	33814		106065
6-15	5765	5707	27391	20856		59719
16-30	786	912	3141	3933		8772
31-50	159	169	329	588		1245
51 AND ABOVE	54	45	75	123		297
male goat group						
NONE	164259	115570	153777	101921		535527
1-5	13727	9044	49577	36022		108370
6-15	1220	934	5633	5648		13435
16-30	89	112	500	427		1128
31-50	14	9	38	39		100
51 AND ABOVE	5	1	9	4		19
total goat group						
NONE	154539	108998	129154	83366		476057
1-5	15258	8025	37772	27512		88567
6-15	7772	6872	34900	24491		74035
16-30	1355	1308	6399	6901		15963
31-50	284	359	1089	1426		3158
51 AND ABOVE	106	108	222	365		801

TABLE 14: NUMBER OF GOATS BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female goat sheep						
NONE	2561	1425	2558	4230	629	11403
1-5	71	12	118	396	23	620
6-15	10	4	75	117	1	207
16-30	2	1	13	24		40
31-50			2	1		3
51 AND ABOVE				2		2
male goat group						
NONE	2582	1433	2596	4497	646	11754
1-5	61	8	153	249	7	478
6-15	1	1	17	18		37
16-30				4		4
31-50				1		1
51 AND ABOVE				1		1
total goat group						
NONE	2546	1424	2525	4195	625	11315
1-5	74	12	124	387	27	624
6-15	21	5	92	146	1	265
16-30	3		21	35		59
31-50		1	4	5		10
51 AND ABOVE				2		2

TABLE 14: NUMBER OF GOATS BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female goat sheep						
NONE	158766	111219	134295	88977	629	493886
1-5	16416	9055	46981	34210	23	106685
6-15	5775	5711	27466	20973	1	59926
16-30	788	913	3154	3957		8812
31-50	159	169	331	589		1248
51 AND ABOVE	54	45	75	125		299
male goat group						
NONE	166841	117003	156373	106418	646	547281
1-5	13788	9052	49730	36271	7	108848
6-15	1221	935	5650	5666		13472
16-30	89	112	500	431		1132
31-50	14	9	38	40		101
51 AND ABOVE	5	1	9	5		20
total goat group						
NONE	157085	110422	131679	87561	625	487372
1-5	15332	8037	37896	27899	27	89191
6-15	7793	6877	34992	24637	1	74300
16-30	1358	1308	6420	6936		16022
31-50	284	360	1093	1431		3168
51 AND ABOVE	106	108	222	367		803

TABLE 15: NUMBER OF DONKEY BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female donkey group						
NONE	150461	110386	180991	123808		565646
ONE	17357	10793	18589	14060		60799
TWO	8539	3767	7926	4858		25090
THREE	2139	520	1577	942		5178
FOUR AND ABOVE	818	203	453	391		1865
male donkey group						
NONE	137081	105279	177522	107402		527284
ONE	33761	17086	26957	31207		109011
TWO	7105	2774	3959	4279		18117
THREE	832	298	674	614		2418
FOUR AND ABOVE	528	230	424	558		1740
total donkey group						
NONE	119762	95036	158977	94663		468438
ONE	35528	20126	31359	34733		121746
TWO	15516	7643	12260	9512		44931
THREE	5371	1971	4776	3185		15303
FOUR AND ABOVE	3130	890	2164	1965		8149

TABLE 15: NUMBER OF DONKEY BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female donkey group						
NONE	2551	1408	2672	4578	642	11851
ONE	57	17	50	102	8	234
TWO	30	11	31	69	3	144
THREE	4	2	11	12		29
FOUR AND ABOVE	2	4	2	9		17
male donkey group						
NONE	2354	1110	2119	3649	443	9675
ONE	196	244	448	653	145	1686
TWO	65	51	145	384	53	698
THREE	20	6	34	26	9	95
FOUR AND ABOVE	9	31	20	58	3	121
total donkey group						
NONE	2297	1099	2085	3552	435	9468
ONE	212	234	423	662	148	1679
TWO	84	57	172	416	57	786
THREE	32	12	47	52	10	153
FOUR AND ABOVE	19	40	39	88	3	189

TABLE 15: NUMBER OF DONKEY BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female donkey group						
NONE	153012	111794	183663	128386	642	577497
ONE	17414	10810	18639	14162	8	61033
TWO	8569	3778	7957	4927	3	25234
THREE	2143	522	1588	954		5207
FOUR AND ABOVE	820	207	455	400		1882
male donkey group						
NONE	139435	106389	179641	111051	443	536959
ONE	33957	17330	27405	31860	145	110697
TWO	7170	2825	4104	4663	53	18815
THREE	852	304	708	640	9	2513
FOUR AND ABOVE	537	261	444	616	3	1861
total donkey group						
NONE	122059	96135	161062	98215	435	477906
ONE	35740	20360	31782	35395	148	123425
TWO	15600	7700	12432	9928	57	45717
THREE	5403	1983	4823	3237	10	15456
FOUR AND ABOVE	3149	930	2203	2053	3	8338

TABLE 16: NUMBER OF HORSES BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female horse group						
none	178586	125564	209457	143684		657291
one	418	84	66	251		819
two	206	18	8	97		329
three and above	104	3	5	29		141
male horse group						
none	178308	125340	209120	143446		656214
one	808	277	313	507		1905
two	136	45	87	96		364
three and above	62	8	16	12		98
total horse						
none	177827	125263	209049	143235		655374
one	912	311	367	526		2116
two	339	80	97	200		716
three and above	236	15	23	100		374

TABLE 16: NUMBER OF HORSES BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female horse group						
none	2641	1442	2763	4770	650	12266
one	3		2		3	8
two			1			1
three and above						
male horse group						
none	2633	1386	2760	4766	628	12173
one	6	49	6	2	21	84
two	5	7		1	3	16
three and above				1	1	2
total horse						
none	2631	1386	2757	4766	626	12166
one	7	49	8	2	22	88
two	6	7	1	1	4	19
three and above				1	1	2

TABLE 16: NUMBER OF HORSES BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female horse group (for						
none	181227	127006	212220	148454	650	669557
one	421	84	68	251	3	827
two	206	18	9	97		330
three and above	104	3	5	29		141
male horse group						
none	180941	126726	211880	148212	628	668387
one	814	326	319	509	21	1989
two	141	52	87	97	3	380
three and above	62	8	16	13	1	100
total horse						
none	180458	126649	211806	148001	626	667540
one	919	360	375	528	22	2204
two	345	87	98	201	4	735
three and above	236	15	23	101	1	376

TABLE 17: NUMBER OF MULES BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female mule group						
none	177306	124680	208772	143290		654048
one	1530	695	734	760		3719
two	362	199	24	10		595
three and above	116	96	6	1		219
male mule group						
none	178110	124926	208835	143284		655155
one	913	518	680	693		2804
two	230	180	16	78		504
three and above	61	46	5	6		118
total mule						
none	176295	124132	208094	142550		651071
one	2238	995	1370	1389		5992
two	520	332	60	105		1017
three and above	261	211	12	17		501

TABLE 17: NUMBER OF MULES BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female mule group						
none	2642	1427	2754	4759	643	12225
one	2	14	9	8	10	43
two		1	3	2		6
three and above				1		1
male mule group						
none	2635	1424	2747	4757	641	12204
one	9	17	16	8	12	62
two		1	3	4		8
three and above				1		1
total mule						
none	2633	1411	2738	4749	631	12162
one	11	27	19	13	22	92
two		4	9	4		17
three and above				4		4

TABLE 17: NUMBER OF MULES BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
female mule group						
none	179948	126107	211526	148049	643	666273
one	1532	709	743	768	10	3762
two	362	200	27	12		601
three and above	116	96	6	2		220
male mule group						
none	180745	126350	211582	148041	641	667359
one	922	535	696	701	12	2866
two	230	181	19	82		512
three and above	61	46	5	7		119
total mule						
none	178928	125543	210832	147299	631	663233
one	2249	1022	1389	1402	22	6084
two	520	336	69	109		1034
three and above	261	211	12	21		505

TABLE 18: NUMBER OF CAMEL BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
male camel group						
none	177273	125539	207910	142664		653386
one	474	79	1482	977		3012
two	441	38	125	369		973
three and above	1126	14	19	51		1210

TABLE 18: NUMBER OF CAMEL BY ZONE

B URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
male camel group						
none	2636	1442	2755	4653	653	12139
one	3		9	55		67
two	1		2	55		58
three and above	4			7		11

TABLE 18: NUMBER OF CAMEL BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
male camel group						
none	179909	126981	210665	147317	653	665525
one	477	79	1491	1032		3079
two	442	38	127	424		1031
three and above	1130	14	19	58		1221

TABLE 19: NUMBER OF CHICKEN BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
chicken poultry						
none	112756	59272	84956	41571		298555
1-5	49035	51692	74315	41050		216092
6-10	11941	11964	33295	28236		85436
11-20	4821	2599	15009	25445		47874
21 and above	757	142	1961	7757		10617

TABLE 19: NUMBER OF CHICKEN BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
chicken poultry						
none	2011	1106	1639	2985	518	8259
1-5	475	266	571	1005	89	2406
6-10	107	52	367	467	30	1023
11-20	48	17	173	201	9	448
21 and above	3	1	16	112	7	139

TABLE 19: NUMBER OF CHICKEN BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
chicken poultry						
none	114767	60378	86595	44556	518	306814
1-5	49510	51958	74886	42055	89	218498
6-10	12048	12016	33662	28703	30	86459
11-20	4869	2616	15182	25646	9	48322
21 and above	760	143	1977	7869	7	10756

TABLE 20: NUMBER OF EQUINES BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
EQUINE_G						
NONE	118976	94475	158106	94175		465732
ONE	34643	19678	31619	34241		120181
TWO	15516	7944	12505	9801		45766
THREE AND ABOVE	10172	3568	7306	5841		26887

TABLE 20: NUMBER OF EQUINES BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
EQUINE_G						
NONE	2280	1026	2058	3529	401	9294
ONE	220	291	435	675	170	1791
TWO	93	65	183	420	63	824
THREE AND ABOVE	51	60	90	146	19	366

TABLE 20: NUMBER OF EQUINES BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
EQUINE_G						
NONE	121256	95501	160164	97704	401	475026
ONE	34863	19969	32054	34916	170	121972
TWO	15609	8009	12688	10221	63	46590
THREE AND ABOVE	10223	3628	7396	5987	19	27253

TABLE 21: NUMBER OF SHOATS BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
SHOAT_G						
NONE	135658	68764	112309	75951		392682
1-5	23781	24296	40661	29532		118270
6-15	14885	26158	42949	27716		111708
16-30	3531	5301	10457	8288		27577
31-50	944	893	2401	1973		6211
51 AND ABOVE	515	258	758	600		2131

TABLE 21: NUMBER OF SHOATS BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
SHOAT_G						
NONE	1612	1049	1936	3279	562	8438
1-5	713	232	410	956	72	2383
6-15	283	139	346	409	18	1195
16-30	32	20	64	66		182
31-50	2	2	10	35	1	50
51 AND ABOVE	2			25		27

TABLE 21: NUMBER OF SHOATS BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
SHOAT_G						
NONE	137270	69813	114245	79230	562	401120
1-5	24494	24528	41071	30488	72	120653
6-15	15168	26297	43295	28125	18	112903
16-30	3563	5321	10521	8354		27759
31-50	946	895	2411	2008	1	6261
51 AND ABOVE	517	258	758	625		2158

TABLE 22: NUMBER OF ALL LIVESTOCK BY ZONE

A. RURAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
all livestock with hen						
none	40967	24101	27163	9941		102172
1-5	53013	32144	47643	22218		155018
6-15	57674	44681	76980	45018		224353
16-30	20440	20114	42892	39736		123182
31-50	5145	3869	11341	18186		38541
51-100	1743	700	3237	7808		13488
101 and above	324	58	277	1151		1810

TABLE 22: NUMBER OF ALL LIVESTOCK BY ZONE

B. URBAN

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
all livestock with hen						
none	296	13	547	1053	3	1912
1-5	1388	889	804	1814	378	5273
6-15	786	459	1013	1295	232	3785
16-30	142	71	349	365	30	957
31-50	25	7	45	129	5	211
51-100	6	3	8	76	2	95
101 and above	1			38	3	42

TABLE 22: NUMBER OF ALL LIVESTOCK BY ZONE

C. REGIONAL

	ZONE					Total
	SOUTHERN	EASTERN	CENTRAL	WESTERN	MEKELLE	
all livestock with hen						
none	41263	24114	27710	10994	3	104084
1-5	54401	33033	48447	24032	378	160291
6-15	58460	45140	77993	46313	232	228138
16-30	20582	20185	43241	40101	30	124139
31-50	5170	3876	11386	18315	5	38752
51-100	1749	703	3245	7884	2	13583
101 and above	325	58	277	1189	3	1852

TABLE 23: NUMBER OF FEMALE CATTLE BY AGE OF HOLDER

REGIONAL

	female cattle group		
	no female cattle	one female cattle	two or more female cattle
AGEGRP			
15-19	2089	802	1282
20-24	8978	4955	13126
25-29	18818	12419	42173
30-34	20017	11913	48908
35-39	17753	10409	47476
40-44	17495	9502	45895
45-49	14987	9293	42778
50-54	18838	9765	39390
55-59	12554	7157	27441
60-64	20069	8163	27202
65+	42359	13690	38701
Total	193957	98068	374372

TABLE 24: NUMBER OF MALE CATTLE BY AGE OF HOLDER

REGIONAL

	male cattle group		
	no male cattle	only one male cattle	two or more male cattle
AGEGRP			
15-19	2356	1123	694
20-24	10443	8256	8360
25-29	22130	21892	29388
30-34	23395	21268	36175
35-39	20257	18503	36878
40-44	19868	16575	36449
45-49	16738	15566	34754
50-54	21064	15263	31666
55-59	13953	11035	22164
60-64	21985	12187	21262
65+	45975	19571	29204
Total	218164	161239	286994

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

REGIONAL

	total cattle group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19	1938	318	1917
20-24	8144	1603	17312
25-29	17093	3329	52988
30-34	18457	2977	59402
35-39	16364	2470	56804
40-44	16222	2200	54469
45-49	13700	2056	51301
50-54	17497	2382	48113
55-59	11632	1575	33944
60-64	19011	1982	34441
65+	40624	3498	50628
Total	180682	24390	461319

TABLE 26A : NUMBER OF SHEEP BY AGE OF HOLDER

REGIONAL

	total sheep group					
	0	1	2	3	4	5
AGEGRP						
15-19	3900	185	74	13	1	
20-24	24676	1640	639	91	9	4
25-29	64857	5685	2515	303	45	5
30-34	68916	7337	4028	472	64	21
35-39	60980	8300	5482	739	107	30
40-44	56597	8690	6433	980	156	34
45-49	49403	8967	7202	1218	210	58
50-54	51122	8559	6752	1256	229	75
55-59	34578	6139	5176	999	193	67
60-64	43463	5935	4858	954	172	52
65+	76591	9157	7372	1341	198	91
Total	535083	70594	50531	8366	1384	437

TABLE 26B : NUMBER OF GOATS BY AGE OF HOLDER

REGIONAL

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	3768	269	119	14	2	1
20-24	22647	2864	1314	200	31	3
25-29	59602	8586	4418	664	119	21
30-34	62644	10388	6449	1115	190	52
35-39	55118	10597	8047	1532	278	66
40-44	49161	11143	10051	2028	433	76
45-49	42681	10834	10610	2406	434	93
50-54	44431	10115	10328	2490	493	136
55-59	30199	7124	7466	1881	372	110
60-64	39613	7040	6618	1688	375	100
65+	74041	9723	8483	1937	427	139
Total	483905	88683	73903	15955	3154	797

TABLE 26C : NUMBER OF SHOATS BY AGE OF HOLDER

REGIONAL

	SHOAT_G					
	0	1	2	3	4	5
AGEGRP						
15-19	3550	396	191	29	4	3
20-24	20882	3907	1883	306	59	22
25-29	53383	11915	6774	1039	244	55
30-34	53989	14574	10030	1775	361	109
35-39	44754	14870	12723	2628	502	161
40-44	38454	14880	15061	3523	778	194
45-49	31850	14003	15832	4196	886	291
50-54	34325	13110	14960	4214	1021	363
55-59	22786	9091	10928	3253	794	300
60-64	32275	9268	9967	2898	744	282
65+	61903	13968	13932	3741	837	369
Total	398151	119982	112281	27602	6230	2149

TABLE 27A: NUMBER OF DONKEYS BY AGE OF HOLDER

Total

	total donkey group				
	0	1	2	3	4
AGEGRP					
15-19	3920	192	46	6	9
20-24	24305	2162	446	87	59
25-29	61231	9525	2086	377	191
30-34	61444	14265	3876	823	429
35-39	52804	15738	5085	1382	626
40-44	48423	15900	5740	1892	935
45-49	41933	15456	6201	2241	1227
50-54	44014	14493	5980	2247	1254
55-59	29545	10283	4477	1803	1044
60-64	37934	10222	4543	1779	955
65+	68948	14510	6979	2740	1571
Total	474501	122746	45459	15377	8300

TABLE 27C: NUMBER OF MULES BY AGE OF HOLDER

REGIONAL

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	4162	7	3	1
20-24	26983	65	6	5
25-29	73044	261	81	24
30-34	80328	366	101	43
35-39	75026	424	127	61
40-44	72176	528	133	55
45-49	66203	652	131	72
50-54	67044	735	136	78
55-59	46342	668	87	55
60-64	54466	816	99	53
65+	93033	1535	126	56
Total	658807	6057	1030	503

TABLE 27D: NUMBER OF CAMELS BY AGE OF HOLDER

REGIONAL

	male camel group			
	none	one	two	three and above
AGEGRP				
15-19	4163	4	3	3
20-24	26907	98	20	34
25-29	72831	330	110	139
30-34	80065	403	155	215
35-39	74930	377	150	181
40-44	72280	342	117	153
45-49	66425	377	119	137
50-54	67449	320	116	108
55-59	46693	278	99	82
60-64	55052	255	66	61
65+	94299	275	74	102
Total	661094	3059	1029	1215

TABLE 27E: NUMBER OF EQUINES BY AGE OF HOLDER

REGIONAL

	EQUINE_G			
	NONE	ONE	TWO	THREE AND ABOVE
AGEGRP				
15-19	3911	198	45	19
20-24	24235	2189	464	171
25-29	60947	9564	2197	702
30-34	61159	14215	3967	1496
35-39	52505	15581	5220	2329
40-44	48151	15698	5836	3205
45-49	41613	15293	6244	3908
50-54	43674	14307	6032	3975
55-59	29291	10136	4525	3200
60-64	37686	9982	4633	3132
65+	68465	14133	7165	4984
Total	471637	121296	46328	27121

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

REGIONAL

	all livestock with hen						
	none	1-5	6-15	16-30	31-50	51-100	101 a abov
AGEGRP							
15-19	1557	1713	687	172	36	7	
20-24	5869	10488	7808	2274	491	117	1
25-29	11486	24421	26234	8934	1822	468	4
30-34	11210	21574	30834	13076	3144	876	12
35-39	8982	16795	28806	15301	4318	1268	16
40-44	8139	14474	26605	16413	5258	1784	21
45-49	6270	12434	24043	16440	5678	1959	23
50-54	8476	13623	22649	15284	5531	2128	30
55-59	5413	9258	15490	11037	4044	1673	23
60-64	10277	12295	17247	10221	3633	1525	23
65+	25085	22294	26439	14329	4609	1715	27
Total	102764	159369	226842	123481	38564	13520	184

(co

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

Total

	Total
AGEGRP	
15-19	4173
20-24	27059
25-29	73409
30-34	80836
35-39	75635
40-44	72889
45-49	67055
50-54	67991
55-59	47152
60-64	55433
65+	94748
Total	666380

TABLE 29A: NUMBER OF CATTLE BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
female cattle group						
no female cattle	190100	5758	195858	84837	109908	194745
one female cattle	97084	1534	98618	73537	24658	98195
two or more female cattle	371397	4983	376380	325877	48946	374823
male cattle group						
no male cattle	212853	7363	220216	97308	121726	219034
only one male cattle	159781	2311	162092	127801	33630	161431
two or more male cattle	285947	2601	288548	259142	28156	287298
total cattle group						
no cattle	177030	5447	182477	75320	106147	181467
one cattle	23829	721	24550	14589	9851	24440
two or more cattle	457716	6107	463823	394337	67513	461850

TABLE 29B: NUMBER OF SHEEP BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
female sheep group						
none	531990	9189	541179	376727	161786	538513
1-5	78532	2276	80808	65258	15274	80532
6-15	41976	705	42681	36642	5903	42545
16-30	5226	74	5300	4787	498	5285
31-50	664	18	682	652	30	682
51 and above	191	13	204	183	21	204
male sheep group						
NONE	587698	10387	598085	422462	172772	595234
1-5	66456	1789	68245	57747	10267	68014
6-15	4008	84	4092	3655	426	4081
16-30	373	8	381	340	41	381
31-50	33	4	37	34	3	37
51 AND ABOVE	11	3	14	12	2	14
total sheep group						
NONE	529734	9050	538784	374790	161347	536137
1-5	68928	2075	71003	56949	13794	70743
6-15	49813	991	50804	43273	7374	50647
16-30	8317	117	8434	7546	860	8406
31-50	1371	21	1392	1283	108	1391
51 AND ABOVE	416	21	437	408	29	437

TABLE 29C: NUMBER OF GOATS BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
female goat sheep						
NONE	482483	11403	493886	333055	158482	491537
1-5	106065	620	106685	89250	17015	106265
6-15	59719	207	59926	52629	7011	59640
16-30	8772	40	8812	7920	862	8782
31-50	1245	3	1248	1122	119	1241
51 AND ABOVE	297	2	299	275	23	298
male goat group						
NONE	535527	11754	547281	377577	167147	544724
1-5	108370	478	108848	93559	14822	108381
6-15	13435	37	13472	11992	1417	13409
16-30	1128	4	1132	1009	117	1126
31-50	100	1	101	92	9	101
51 AND ABOVE	19	1	20	20		20
total goat group						
NONE	476057	11315	487372	327701	157361	485062
1-5	88567	624	89191	73899	14940	88839
6-15	74035	265	74300	64672	9282	73954
16-30	15963	59	16022	14450	1500	15950
31-50	3158	10	3168	2800	359	3159
51 AND ABOVE	801	2	803	729	70	799

TABLE 29D: NUMBER OF DONKEYS BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
female donkey group						
NONE	565646	11851	577497	399909	174835	574744
ONE	60799	234	61033	54930	5888	60818
TWO	25090	144	25234	22924	2212	25136
THREE	5178	29	5207	4762	427	5189
FOUR AND ABOVE	1865	17	1882	1723	150	1873
male donkey group						
NONE	527284	9675	536959	363207	171179	534386
ONE	109011	1686	110697	99703	10590	110293
TWO	18117	698	18815	17293	1432	18725
THREE	2418	95	2513	2332	167	2499
FOUR AND ABOVE	1740	121	1861	1705	144	1849
total donkey group						
NONE	468438	9468	477906	310240	165324	475564
ONE	121746	1679	123425	110681	12274	122955
TWO	44931	786	45717	41479	4047	45526
THREE	15303	153	15456	14097	1307	15404
FOUR AND ABOVE	8149	189	8338	7740	560	8300

TABLE 29E: NUMBER OF HORSES BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
female horse group						
none	657291	12266	669557	483028	183439	666467
one	819	8	827	776	49	825
two	329	1	330	311	18	329
three and above	141		141	135	6	141
male horse group						
none	656214	12173	668387	481976	183345	665321
one	1905	84	1989	1834	134	1968
two	364	16	380	349	27	376
three and above	98	2	100	92	6	98
total horse						
none	655374	12166	667540	481184	183291	664475
one	2116	88	2204	2033	151	2184
two	716	19	735	673	56	729
three and above	374	2	376	360	14	374

TABLE 29F: NUMBER OF MULES BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
female mule group						
none	654048	12225	666273	479868	183332	663200
one	3719	43	3762	3605	140	3745
two	595	6	601	573	28	601
three and above	219	1	220	205	12	217
male mule group						
none	655155	12204	667359	480986	183300	664286
one	2804	62	2866	2688	160	2848
two	504	8	512	462	48	510
three and above	118	1	119	115	4	119
total mule						
none	651071	12162	663233	477048	183131	660179
one	5992	92	6084	5762	289	6051
two	1017	17	1034	963	68	1031
three and above	501	4	505	478	24	502

TABLE 29G: NUMBER OF EQUINES OR SHOATS BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
male camel group						
none	653386	12139	665525	479306	183141	662447
one	3012	67	3079	2864	206	3070
two	973	58	1031	923	108	1031
three and above	1210	11	1221	1158	57	1215
EQUINE_G						
NONE	465732	9294	475026	307629	165091	472720
ONE	120181	1791	121972	109207	12279	121486
TWO	45766	824	46590	42289	4104	46393
THREE AND ABOVE	26887	366	27253	25111	2038	27149
SHOAT_G						
NONE	392682	8438	401120	258883	140222	399105
1-5	118270	2383	120653	96240	23932	120172
6-15	111708	1195	112903	96575	15871	112446
16-30	27577	182	27759	24976	2666	27642
31-50	6211	50	6261	5597	646	6243
51 AND ABOVE	2131	27	2158	1978	175	2153

TABLE 29H: NUMBER OF CHICKENS BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
chicken poultry						
none	298555	8259	306814	196028	109138	305166
1-5	216092	2406	218498	170144	47531	217675
6-10	85436	1023	86459	69500	16561	86061
11-20	47874	448	48322	39555	8568	48123
21 and above	10617	139	10756	9018	1713	10731

TABLE 30: NUMBER OF CATTLE WITH SHOATS

REGIONAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
SHOAT_G				
NONE	149940	16276	234899	401115
1-5	20038	5181	95434	120653
6-15	10870	2714	99318	112902
16-30	1336	333	26090	27759
31-50	237	40	5984	6261
51 AND ABOVE	56	6	2096	2158

TABLE 31: NUMBER OF CATTLE WITH CULTIVATED LAND

REGIONAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
farm size group				
none	17553	2921	39954	60428
0.01-1	46850	4851	38159	89860
1.01-2	57246	7169	101742	166157
2.01-3	27472	3899	88006	119377
3.01-4	14107	2307	70971	87385
4.01-6	11124	2125	68817	82066
6.01-8	3836	595	28161	32592
8.01-10	1726	379	14061	16166
10.01-20	2014	266	12525	14805
20.01-40	353	27	1196	1576
40.01 and above	196	10	231	437

TABLE 32: NUMBER OF ALL LIVESTOCK WITH CHICKEN

REGIONAL

	chicken poultry					Total
	none	1-5	6-10	11-20	21 and above	
all livestock with hen						
none	104084					104084
1-5	105871	54419				160290
6-15	74879	110254	37794	5210		228137
16-30	16872	44161	36249	25059	1797	124138
31-50	3643	7748	9830	13121	4410	38752
51-100	1284	1723	2335	4485	3756	13583
101 and above	174	189	249	447	793	1852

TABLE 33: NUMBER OF TRADITIONAL BEE HIVES

REGIONAL

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of traditional bee hive group						
none	401179	174466	575645	566283	12076	578359
one	47417	5896	53313	53438	112	53550
2-5	32422	2917	35339	35382	82	35464
6-10	2456	187	2643	2651	3	2654
11-20	590	36	626	627	2	629
21-50	143	7	150	152		152
51 and above	16	1	17	17		17
ave honey form traditional product per year						
none	410470	175431	585901	576539	12110	588649
0.1-5	41890	4546	46436	46466	93	46559
5.1-10	23521	2557	26078	26119	50	26169
10.1-15	4773	558	5331	5402	10	5412
15.1-20	2424	322	2746	2780	7	2787
20.1-50	1030	89	1119	1123	4	1127
50.1 and above	141	9	150	150	1	151
freq of harvest from traditional group						
0	410360	175455	585815	576460	12108	588568
1	47904	5250	53154	53287	111	53398
2	20797	2292	23089	23111	46	23157
3	2213	240	2453	2465	2	2467
4	2921	270	3191	3197	8	3205

TABLE 34: NUMBER OF MODERN BEE HIVES

Total

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of modern bee hive group						
none	483450	183433	666883	657704	12269	669973
one	425	49	474	473	2	475
2-5	279	20	299	296	3	299
6-10	73	8	81	82		82
11-20	15	1	16	16	1	17
21-50	7	1	8	8		8
ave honey from modern per year						
none	483915	183469	667384	658204	12271	670475
0.1-5	183	25	208	206	3	209
5.1-10	116	16	132	132		132
10.1-15	24	1	25	25	1	26
15.1-20	8	1	9	9		9
20.1-50	4		4	4		4
50.1 and above	1		1	1		1
frequency of harvest modern beehive						
0	483949	183483	667432	658255	12269	670524
1	201	19	220	219	1	220
2	58	5	63	62	2	64
3	13	2	15	14	1	15
4	30	3	33	31	2	33

TABLE 35: NUMBER OF PET ANIMALS

REGIONAL

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
dog grouped						
none	362959	166343	529302	520842	11019	531861
one	108900	15888	124788	124244	1023	125267
two	10849	1113	11962	11845	162	12007
three and above	1543	168	1711	1650	71	1721
cat grouped						
none	344756	159612	504368	498882	7806	506688
one	126613	22206	148819	145922	3561	149483
two	9375	1202	10577	10068	585	10653
three and above	3506	492	3998	3708	323	4031

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

REGIONAL

	number of traditional bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	4049	76	44	3		1
20-24	25546	992	487	30	2	1
25-29	67256	3836	2204	95	16	2
30-34	71778	5542	3275	190	38	10
35-39	65404	6040	3881	257	45	8
40-44	61948	6369	4220	280	63	5
45-49	55493	6593	4506	354	88	17
50-54	56623	6486	4390	375	90	24
55-59	38166	4968	3620	300	78	15
60-64	46903	4933	3245	256	75	18
65+	81208	7415	5431	505	131	50
Total	574374	53250	35303	2645	626	151

(continued)

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

Total

	number of traditional bee hive group	Total
	51 and above	
AGEGRP		
15-19		4173
20-24		27058
25-29		73409
30-34		80833
35-39		75635
40-44	3	72888
45-49	4	67055
50-54	1	67989
55-59	1	47148
60-64		55430
65+	8	94748
Total	17	666366

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

REGIONAL

	ave honey form traditional product per year					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	4066	66	36	2	2	1
20-24	25708	824	411	73	30	8
25-29	67924	3195	1723	352	137	71
30-34	72751	4539	2622	534	304	79
35-39	66498	5037	3001	655	314	114
40-44	63187	5462	3119	625	371	116
45-49	56837	5688	3300	700	348	166
50-54	57894	5644	3278	668	340	147
55-59	39199	4422	2562	527	287	126
60-64	47824	4268	2409	549	266	109
65+	82718	7172	3575	704	375	186
Total	584606	46317	26036	5389	2774	1123

(continued)

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

Total

	ave honey form traditio nal product per year	Total
	50.1 and above	
AGEGRP		4173
15-19	4	27058
20-24	8	73410
25-29	9	80838
30-34	18	75637
35-39	12	72892
40-44	19	67058
45-49	22	67993
50-54	29	47152
55-59	9	55434
60-64	20	94750
65+		
Total	150	666395

TABLE 38: FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

REGIONAL

AGEGRP	freq of harvest from traditional group					Total
	0	1	2	3	4	
15-19	4067	57	41	2	6	4173
20-24	25693	841	421	43	61	27059
25-29	67882	3541	1588	165	228	73404
30-34	72720	5186	2307	247	371	80831
35-39	66446	5914	2617	273	380	75630
40-44	63164	6270	2736	296	421	72887
45-49	56834	6728	2858	284	347	67051
50-54	57924	6637	2718	322	383	67984
55-59	39211	5249	2139	241	309	47149
60-64	47829	5032	2062	225	278	55426
65+	82758	7660	3569	352	403	94742
Total	584528	53115	23056	2450	3187	666336

TABLE 39: NUMBER OF HONEY PRODUCED BY ACTIVITY

REGIONAL

AGEGRP	Total
15-19	4173
20-24	27059
25-29	73404
30-34	80831
35-39	75630
40-44	72887
45-49	67051
50-54	67984
55-59	47149
60-64	55426
65+	94742
Total	666336

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

REGIONAL

	number of modern bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	4173					
20-24	27047	8	4			
25-29	73350	32	24	3		1
30-34	80738	58	31	10	1	
35-39	75534	57	35	11	1	
40-44	72795	44	34	14	4	
45-49	66956	61	32	7	1	
50-54	67892	66	25	9	1	
55-59	47054	42	44	7	1	4
60-64	55359	39	25	9	1	1
65+	94623	63	44	12	6	2
Total	665521	470	298	82	16	8

(continued)

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

REGIONAL

	Total
AGEGRP	
15-19	4173
20-24	27059
25-29	73410
30-34	80838
35-39	75638
40-44	72891
45-49	67057
50-54	67993
55-59	47152
60-64	55434
65+	94750
Total	666395

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

REGIONAL

	ave honey from modern per yerar					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	4173					
20-24	27053	3	3			
25-29	73386	14	9	1		
30-34	80788	26	18	4	2	
35-39	75598	21	14	4	1	
40-44	72846	27	14	3	2	
45-49	67011	26	13	4	2	1
50-54	67951	24	15	2	1	
55-59	47125	20	5	2		
60-64	55393	19	19	2	1	
65+	94696	27	22	3		2
Total	666020	207	132	25	9	3

(continued)

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

REGIONAL

	ave honey from modern per yerar	Total
	50.1 and above	
AGEGRP		
15-19		4173
20-24		27059
25-29		73410
30-34		80838
35-39		75638
40-44		72892
45-49	1	67058
50-54		67993
55-59		47152
60-64		55434
65+		94750
Total	1	666397

TABLE 41: FREQUENCY OF HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

REGIONAL

	freq of harvest from modern group					Total
	0	1	2	3	4	
AGEGRP						
15-19	4173					4173
20-24	27050	5	2		2	27059
25-29	73391	13	3	1	2	73410
30-34	80797	29	6	2	4	80838
35-39	75605	21	5	3	4	75638
40-44	72856	24	9	1	2	72892
45-49	67013	28	11		6	67058
50-54	67951	33	5		4	67993
55-59	47129	12	6	1	4	47152
60-64	55398	27	5	2	2	55434
65+	94705	28	10	4	3	94750
Total	666068	220	62	14	33	666397

TABLE 42: REASON FOR HAVING BEEHIVE BY SEX AND LOCATION

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
reason for traditional bee hive						
honey production	62415	128	62543	56186	6181	62367
split production	7289	5	7294	6575	708	7283
both honey and split production	8370	6	8376	7464	883	8347
other	8144	11	8155	7462	679	8141
reason for modern bee hive						
honey production	238	1	239	215	24	239
split production	533	1	534	477	55	532
both honey and split production	54	2	56	52	3	55
other	14		14	13	1	14

TABLE 43. PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
cattle for ploughing						
none	569773	10912	580685	407887	170092	577979
one	34999	642	35641	29483	6016	35499
two	27592	400	27992	23677	4184	27861
three	12473	144	12617	10872	1687	12559
four and above	13740	177	13917	12329	1532	13861
donkey for ploughing group						
none	655505	11875	667380	481081	183218	664299
one	2638	323	2961	2688	262	2950
two	365	61	426	404	21	425
three and above	73	16	89	78	11	89
HORSE FOR PLOUGHING						
NONE	658491	12264	670755	484155	183508	667663
ONE	65	9	74	70	3	73
TWO	21	2	23	22	1	23
THREE AND ABOVE	4		4	4		4
MULE FOR PLOUGHING						
NONE	657836	12274	670110	483552	183468	667020
ONE	431		431	398	32	430
TWO	251	1	252	238	12	250
THREE AND ABOVE	63		63	63		63

TABLE 43B. CATTLE AND OTHER LIVESTOCK OWNERSHIP

	TOTAL STOCK			TOTAL MILK		
	one	two	three and above	one	two	three
total cattle group	170	16	186	12100	228	68
no cattle	170	16	186	12100	228	68
one cattle	107	10	117	41000	207	50
two or more cattle	63	6	69	8000	21	18
Total	170	16	186	12100	228	68

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

REGIONAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MULE FOR PLOUGHING						
NONE	657836	12274	670110	483552	183468	667020
ONE	431		431	398	32	430
TWO	251	1	252	238	12	250
THREE AND ABOVE	63		63	63		63
CAMEL FOR PLOUGHING						
NONE	658096	12206	670302	483770	183439	667209
ONE	407	61	468	405	63	468
TWO	51	8	59	53	6	59
THREE AND ABOVE	27		27	23	4	27
EQUINE FOR PLOUGHING						
NONE	654729	11863	666592	480341	183173	663514
ONE	3047	332	3379	3076	292	3368
TWO	639	64	703	664	35	699
THREE AND ABOVE	166	16	182	170	12	182

TABLE 45A. CATTLE AND OTHER LIVESTOCK OWNERSHIP

	total donkey group					total horse
	0	1	2	3	4	none
total cattle group						
no cattle	169476	9056	2986	595	364	182292
one cattle	20862	2757	710	155	66	24500
two or more cattle	287563	111611	42021	14706	7908	460742
Total	477901	123424	45717	15456	8338	667534

(continued)

TABLE 45B. CATTLE AND OTHER LIVESTOCK OWNERSHIP

	total horse			total mule		
	one	two	three and above	none	one	two
total cattle group						
no cattle	139	39	7	182199	216	44
one cattle	38	8	4	24474	66	7
two or more cattle	2027	688	365	456554	5802	983
Total	2204	735	376	663227	6084	1034

TABLE 45C. CATTLE AND OTHER LIVESTOCK OWNERSHIP

	total mule	male camel group			
	three and above	none	one	two	three and above
total cattle group					
no cattle	18	182193	136	123	25
one cattle	3	24502	30	13	5
two or more cattle	484	458824	2913	895	1191
Total	505	665519	3079	1031	1221

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

Total

	total donkey group			
	0	1	2	3
total horse				
none	476802	122366	45064	15203
one	774	727	412	154
two	247	212	155	60
three and above	82	120	86	39
total mule				
none	476028	120698	44000	14804
one	1581	2095	1307	559
two	210	430	251	61
three and above	87	202	159	32
male camel group				
none	475118	122074	45065	15155
one	1551	912	353	169
two	551	231	129	59
three and above	686	208	170	73
EQUINE_G				
NONE	475026			
ONE	2208	119764		
TWO	470	2667	43453	
THREE AND ABOVE	201	994	2264	15456

(continued)

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

Total

	total donkey group	Total
	4	
total horse		
none	8091	667526
one	137	2204
two	61	735
three and above	49	376
total mule		
none	7690	663220
one	541	6083
two	82	1034
three and above	25	505
male camel group		
none	8099	665511
one	94	3079
two	61	1031
three and above	84	1221
EQUINE_G		
NONE		475026
ONE		121972
TWO		46590
THREE AND ABOVE	8338	27253

TABLE 47. PLOUGHING CATTLE AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

REGIONAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
donkey for ploughing group				
none	181479	24448	461447	667374
one	894	90	1977	2961
two	84	11	331	426
three and above	20	1	68	89
HORSE FOR PLOUGHING				
NONE	182458	24545	463746	670749
ONE	16	3	55	74
TWO	3	2	18	23
THREE AND ABOVE			4	4
MULE FOR PLOUGHING				
NONE	182443	24545	463116	670104
ONE	22	5	404	431
TWO	9		243	252
THREE AND ABOVE	3		60	63
CAMEL FOR PLOUGHING				
NONE	182362	24535	463399	670296
ONE	99	13	356	468
TWO	12	2	45	59
THREE AND ABOVE	4		23	27

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

Total

	donkey for ploughing group			
	none	one	two	three and above
HORSE FOR PLOUGHING				
NONE	667281	2959	426	89
ONE	72	2		
TWO	23			
THREE AND ABOVE	4			
MULE FOR PLOUGHING				
NONE	666682	2930	409	89
ONE	393	24	14	
TWO	243	6	3	
THREE AND ABOVE	62	1		
CAMEL FOR PLOUGHING				
NONE	666875	2926	418	83
ONE	427	31	6	4
TWO	53	3	2	1
THREE AND ABOVE	25	1		1

(continued)

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

Total

	Total	Farm size group			
		1-10 ha	10-20 ha	20-50 ha	50+ ha
HORSE FOR PLOUGHING					
NONE	670755				
ONE	74				
TWO	23				
THREE AND ABOVE	4				
MULE FOR PLOUGHING					
NONE	670110				
ONE	431				
TWO	252				
THREE AND ABOVE	63				
CAMEL FOR PLOUGHING					
NONE	670302				
ONE	468				
TWO	59				
THREE AND ABOVE	27				

TABLE 49. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

REGIONAL

	Total	Farm size group			
		1-10 ha	10-20 ha	20-50 ha	50+ ha
REGIONAL					
NONE	50000				
ONE	10000				
TWO	5000				
THREE AND ABOVE	5000				
REGION FOR PLOUGHING					
NONE	60000				
ONE	400				
TWO	100				
THREE AND ABOVE	50				
Total	27000				

Continued

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

REGIONAL

	farm size group			
	none	0.01-1	1.01-2	2.01-3
EQUINE_G				
NONE	49902	78969	128787	82969
ONE	7906	7535	23524	21715
TWO	1912	2424	9166	9227
THREE AND ABOVE	707	936	4677	5465
Total	60427	89864	166154	119376
EQUINE FOR PLOUGHING				
NONE	60003	89725	165611	118799
ONE	356	122	411	459
TWO	54	16	112	96
THREE AND ABOVE	15	1	24	23
Total	60428	89864	166158	119377

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

REGIONAL

	farm size group			
	3.01-4	4.01-6	6.01-8	8.01-10
EQUINE_G				
NONE	55264	46741	17253	8219
ONE	19298	21307	9620	5022
TWO	7795	8424	3546	1777
THREE AND ABOVE	5028	5589	2171	1147
Total	87385	82061	32590	16165
EQUINE FOR PLOUGHING				
NONE	86842	81307	32029	15988
ONE	413	562	462	133
TWO	105	160	75	35
THREE AND ABOVE	26	37	26	10
Total	87386	82066	32592	16166

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

REGIONAL

	farm size group			Total
	10.01-20	20.01-40	40.01 and above	
EQUINE_G				
NONE	6055	606	260	475025
ONE	5261	689	95	121972
TWO	2086	180	53	46590
THREE AND ABOVE	1403	101	29	27253
Total	14805	1576	437	670840
EQUINE FOR PLOUGHING				
NONE	14371	1513	403	666591
ONE	388	51	22	3379
TWO	37	6	7	703
THREE AND ABOVE	9	6	5	182
Total	14805	1576	437	670855

Analysis Results

By Zones
By Zones

TABLE H. CATTLE OWNERSHIP BY SEX

ZONE
SOUTHERN

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FEMALE CATTLE						
NONE	63948	1270	65218	26378	38527	64905
1-2	50930	747	51677	41621	9942	51563
3-10	59473	587	60060	54374	5544	59918
11-20	4036	35	4071	3790	268	4058
21-50	77		77	77		77
51-100	13		13	13		13
MALE CATTLE						
NONE	68340	1556	69896	28286	41289	69575
1-2	74301	773	75074	64264	10643	74907
3-10	35675	305	35980	33553	2339	35892
11-20	847	9	856	806	42	848
21-50	15		15	14	1	15
51-100	1		1	1		1
CATTLE						
NONE	59840	1182	61022	23423	37296	60719
1-2	31043	540	31583	23416	8105	31521
3-10	74404	813	75217	66967	8067	75034
11-20	11406	85	11491	10763	702	11465
21-50	171	1	172	162	9	171
51-100	42		42	42		42

TABLE H. CATTLE OWNERSHIP BY SEX

ZONE
EASTERN

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FEMALE CATTLE						
NONE	45240	320	45560	19061	26342	45403
1-2	44446	708	45154	34765	10259	45024
3-10	35532	405	35937	31918	3901	35819
11-20	425	8	433	401	27	428
21-50						
51-100						
MALE CATTLE						
NONE	51322	727	52049	22519	29359	51878
1-2	60033	597	60630	50279	10168	60447
3-10	14267	117	14384	13325	1003	14328
11-20	44	1	45	45		45
21-50						
51-100						
CATTLE						
NONE	42834	275	43109	17293	25667	42960
1-2	26317	535	26852	19282	7497	26779
3-10	54053	607	54660	47240	7240	54480
11-20	2311	22	2333	2206	121	2327
21-50	2		2	2		2
51-100						

TABLE H. CATTLE OWNERSHIP BY SEX

ZONE
CENTRAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FEMALE CATTLE						
NONE	54622	1253	55875	23474	31910	55384
1-2	70470	768	71238	54829	16010	70839
3-10	82873	736	83609	74784	8375	83159
11-20	1468	8	1476	1384	89	1473
21-50						
51-100						
MALE CATTLE						
NONE	60480	1488	61968	26318	35187	61505
1-2	107627	974	108601	89731	18241	107972
3-10	41238	303	41541	38336	2954	41290
11-20	176	1	177	168	9	177
21-50	2		2	2		2
51-100						
CATTLE						
NONE	50153	1177	51330	20318	30587	50905
1-2	36629	447	37076	25689	11161	36850
3-10	114402	1097	115499	100667	14178	114845
11-20	7800	43	7843	7368	438	7806
21-50	9		9	9		9
51-100						

TABLE H. CATTLE OWNERSHIP BY SEX

ZONE
WESTERN

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FEMALE CATTLE						
NONE	26288	2833	29121	15880	13126	29006
1-2	29984	862	30846	22949	7763	30712
3-10	71397	915	72312	62211	9854	72065
11-20	12326	84	12410	11308	1072	12380
21-50	343	14	357	306	49	355
51-100	38	5	43	40	2	42
MALE CATTLE						
NONE	32707	3327	36034	20016	15875	35891
1-2	53507	1004	54511	43771	10528	54299
3-10	53534	390	53924	48296	5461	53757
11-20	3740	35	3775	3440	319	3759
21-50	28	3	31	28	2	30
51-100	4		4	3		3
CATTLE						
NONE	24203	2750	26953	14255	12595	26850
1-2	16801	644	17445	12137	5228	17365
3-10	68641	1135	69776	58286	11246	69532
11-20	24439	137	24576	22206	2284	24490
21-50	952	18	970	868	99	967
51-100	135	11	146	126	18	144

TABLE H. CATTLE OWNERSHIP BY SEX

ZONE
MEKELLE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FEMALE CATTLE						
NONE		82	82	42	3	45
1-2		242	242	140	12	152
3-10		320	320	222	13	235
11-20		5	5	4	1	5
21-50		2	2			
51-100						
MALE CATTLE						
NONE		265	265	166	15	181
1-2		331	331	203	12	215
3-10		56	56	39	2	41
11-20		1	1	1		1
21-50						
51-100						
CATTLE						
NONE		63	63	31	2	33
1-2		154	154	87	9	96
3-10		414	414	277	16	293
11-20		17	17	12	2	14
21-50		2	2			
51-100						

TABLE 3A: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH SEX

SOUTHERN ZONE

	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
ALAMATA	12495	9.8%	6719	12.4%	19214	10.6%
OFLA	20459	16.1%	8594	15.8%	29053	16.0%
RAYA AZOBO	15547	12.2%	7182	13.2%	22729	12.5%
INDA MOKONI	11187	8.8%	4663	8.6%	15850	8.7%
EMBA ALAGE	13974	11.0%	5694	10.5%	19668	10.8%
WAGERAT	19613	15.4%	9130	16.8%	28743	15.8%
ENDERTA	16858	13.3%	6807	12.5%	23665	13.0%
SEHARTE SAMRE	16913	13.3%	5534	10.2%	22447	12.4%
Total	127049	100.0%	54325	100.0%	181374	100.0%

TABLE 3B: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH SEX

EASTERN ZONE

	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
WUKRO	13429	15.6%	5894	14.5%	19323	15.3%
ASTBIE WEMBERTA	13534	15.7%	7817	19.3%	21351	16.9%
SASIE TSEDAEMBA	15494	18.0%	7272	17.9%	22766	18.0%
GULO MEKEDA	12185	14.1%	5089	12.6%	17274	13.6%
GANTA AFESHUM	13406	15.6%	7267	17.9%	20673	16.3%
HAWZIEN	14716	17.1%	5747	14.2%	20463	16.2%
EUROBE	3405	4.0%	1442	3.6%	4847	3.8%
Total	86172	100.0%	40530	100.0%	126702	100.0%

TABLE 3C: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH SEX

CENTRAL ZONE

	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
TANQUA ABERGELE	11154	7.2%	3183	5.6%	14337	6.8%
AHEFEROM	20693	13.4%	9141	16.2%	29834	14.1%
WERIE LEKE	19389	12.5%	8378	14.9%	27767	13.2%
ADWA	15121	9.8%	5280	9.4%	20401	9.7%
MEREB LEKE	13636	8.8%	4755	8.4%	18391	8.7%
LAILY MAICHEW	10472	6.8%	3337	5.9%	13809	6.5%
ADIET NAIDER	15162	9.8%	5355	9.5%	20517	9.7%
TAHTAY MAICHEW	12568	8.1%	5360	9.5%	17928	8.5%
KOLA TEMBIEN	19754	12.8%	6281	11.1%	26035	12.3%
DEGUA TEMBIEN	16614	10.7%	5322	9.4%	21936	10.4%
Total	154567	100.0%	56392	100.0%	210959	100.0%

TABLE 3D: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH SEX

WESTERN ZONE

	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
MEDEBAY ZANA	15905	13.7%	5620	17.4%	21525	14.5%
TAHTAY KORARO	9930	8.6%	2887	9.0%	12817	8.6%
ASGEDE TSEMBELA	15346	13.2%	3645	11.3%	18991	12.8%
LELAY ADIABO	11902	10.3%	3519	10.9%	15421	10.4%
TAHTAY ADIABO	13109	11.3%	4085	12.7%	17194	11.6%
TSELEMTI	17785	15.3%	4185	13.0%	21970	14.8%
KAFTA HUMERA	6993	6.0%	1959	6.1%	8952	6.0%
WELKAIT	14239	12.3%	3715	11.5%	17954	12.1%
TSEGEDIE	10845	9.3%	2621	8.1%	13466	9.1%
Total	116054	100.0%	32236	100.0%	148290	100.0%

TABLE 3E: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH SEX

MEKELLE

	sex of holder				Total	
	male		female		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
SOUTHERN	169	41.3%	9	31.0%	178	40.6%
NORTHERN	240	58.7%	20	69.0%	260	59.4%
Total	409	100.0%	29	100.0%	438	100.0%

TABLE 4C: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH LOCATION

CENTRAL ZONE

	LOCATION				Total	
	rural		urban		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
TANQUA ABERGELE	14375	6.9%			14375	6.8%
AHEFEROM	29799	14.2%	145	5.2%	29944	14.1%
WERIE LEKE	27729	13.2%	779	28.2%	28508	13.4%
ADWA	19861	9.5%	638	23.1%	20499	9.7%
MEREB LEKE	18231	8.7%	274	9.9%	18505	8.7%
LAILY MAICHEW	13447	6.4%	410	14.8%	13857	6.5%
ADIET NAIDER	20568	9.8%			20568	9.7%
TAHTAY MAICHEW	17745	8.5%	239	8.6%	17984	8.5%
KOLA TEMBIEN	25808	12.3%	281	10.2%	26089	12.3%
DEGUA TEMBIEN	21969	10.5%			21969	10.3%
Total	209536	100.0%	2766	100.0%	212302	100.0%

TABLE 4D: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH LOCATION

WESTERN ZONE

	LOCATION				Total	
	rural		urban		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
MEDEBAY ZANA	20726	14.4%	844	17.7%	21570	14.5%
TAHTAY KORARO	12576	8.7%	351	7.4%	12927	8.7%
ASGEDE TSEMBELA	18912	13.1%	191	4.0%	19103	12.8%
LELAY ADIABO	15503	10.8%			15503	10.4%
TAHTAY ADIABO	16739	11.6%	511	10.7%	17250	11.6%
TSELEMTI	21205	14.7%	795	16.7%	22000	14.8%
KAFTA HUMERA	7075	4.9%	1901	39.9%	8976	6.0%
WELKAIT	17848	12.4%	177	3.7%	18025	12.1%
TSEGEDIE	13477	9.4%			13477	9.1%
Total	144061	100.0%	4770	100.0%	148831	100.0%

TABLE 4E: NUMBER OF HOUSEHOLDS BY WOREDA FOR EACH LOCATION

MEKELLE

	LOCATION				Total	
	rural		urban		Count	Col %
	Count	Col %	Count	Col %		
WEREDA						
SOUTHERN	359	55.0%	359	55.0%	359	55.0%
NORTHERN	294	45.0%	294	45.0%	294	45.0%
Total	653	100.0%	653	100.0%	653	100.0%

TABLE 7A: POPULATION SIZE FOR EACH SEX BY LOCATION AND SEX OF HOLDER

SOUTHERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MALES						
0	26363	225	26588	1620	24735	26355
1	50682	624	51306	34302	16904	51206
2	45707	707	46414	37742	8572	46314
3	30583	508	31091	28137	2894	31031
4	16301	323	16624	15669	911	16580
5	6735	162	6897	6661	224	6885
6	2130	56	2186	2126	54	2180
7	553	27	580	574	6	580
8	118	6	124	121	3	124
9	31	3	34	31	1	32
10	7	1	8	4	3	7
11	4		4	4		4
12	4		4	3	1	4

FEMALES						
0	965		965	761	199	960
1	63923	607	64530	36104	28318	64422
2	54251	774	55025	38874	16044	54918
3	33758	599	34357	27478	6775	34253
4	14767	328	15095	12995	2074	15069
5	4844	148	4992	4464	518	4982
6	1315	70	1385	1254	118	1372
7	258	17	275	248	26	274
8	56	10	66	59	7	66
9	28	2	30	25	4	29
10	9	1	10	9	1	10
11	2	1	3	2	1	3
12	18	1	19	15	1	16

TABLE 7B: POPULATION SIZE FOR EACH SEX BY LOCATION AND SEX OF HOLDER

EASTERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MALES						
0	21426	58	21484	2355	19051	21406
1	33145	239	33384	21899	11379	33278
2	29192	347	29539	23025	6432	29457
3	21268	332	21600	19003	2522	21525
4	12564	235	12799	11922	843	12765
5	5459	133	5592	5349	223	5572
6	1901	58	1959	1901	53	1954
7	513	26	539	523	14	537
8	128	9	137	134	2	136
9	18		18	18		18
10	5	2	7	6	1	7
11	2	2	4	4		4
12						

FEMALES						
0	984		984	717	264	981
1	42620	239	42859	21264	21478	42742
2	33835	350	34185	23450	10630	34080
3	23581	377	23958	19035	4848	23883
4	11970	257	12227	10554	1636	12190
5	4654	117	4771	4300	453	4753
6	1354	50	1404	1272	125	1397
7	340	16	356	342	13	355
8	80	7	87	80	5	85
9	14	2	16	15	1	16
10		1	1	1		1
11	2		2	1	1	2
12	3		3	3		3

TABLE 7C: POPULATION SIZE FOR EACH SEX BY LOCATION AND SEX OF HOLDER

CENTRAL ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MALES						
0	27096	296	27392	2418	24679	27097
1	51929	718	52647	35743	16643	52386
2	52971	740	53711	43959	9471	53430
3	40065	481	40546	36456	3861	40317
4	22903	287	23190	21801	1255	23056
5	10100	158	10258	9821	368	10189
6	3257	52	3309	3212	73	3285
7	884	23	907	872	25	897
8	181	7	188	182	3	185
9	24		24	22	2	24
10	7		7	5	1	6
11	4		4	3	1	4
12	2		2	2		2

FEMALES						
0	1250	5	1255	1155	97	1252
1	67443	686	68129	38423	29384	67807
2	61357	851	62208	45795	16114	61909
3	43144	642	43786	36335	7205	43540
4	20986	307	21293	18845	2309	21154
5	7584	134	7718	7075	589	7664
6	1883	39	1922	1769	131	1900
7	428	15	443	407	30	437
8	103	5	108	102	3	105
9	35	3	38	35	3	38
10	8		8	6	2	8
11	6		6	3	3	6
12	4		4	3	1	4

TABLE 7D: POPULATION SIZE FOR EACH SEX BY LOCATION AND SEX OF HOLDER

WESTERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MALES						
0	13978	613	14591	3531	10965	14496
1	37914	1221	39135	28870	10151	39021
2	38499	1195	39694	32783	6768	39551
3	27884	836	28720	25685	2956	28641
4	15609	498	16107	15021	1030	16051
5	6807	235	7042	6744	271	7015
6	2398	99	2497	2433	58	2491
7	645	42	687	667	17	684
8	177	12	189	184	3	187
9	40	2	42	40		40
10	10	3	13	11	2	13
11	10	3	13	11	2	13
12	11	1	12	8	4	12

FEMALES						
0	106	35	141	110	30	140
1	42926	1352	44278	30482	13649	44131
2	43296	1379	44675	34832	9710	44542
3	30188	1032	31220	25991	5119	31110
4	14793	528	15321	13513	1766	15279
5	5254	199	5453	4935	501	5436
6	1503	84	1587	1458	122	1580
7	340	22	362	329	30	359
8	110	7	117	106	8	114
9	30	3	33	28	4	32
10	27	3	30	21	4	25
11	5	2	7	6	1	7
12	14	1	15	9	3	12

TABLE 7E: POPULATION SIZE FOR EACH SEX BY LOCATION AND SEX OF HOLDER

MEKELLE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MALES						
0		25	25	6	3	9
1		66	66	43	4	47
2		167	167	113	13	126
3		158	158	97	4	101
4		116	116	79	2	81
5		62	62	35	2	37
6		34	34	17	1	18
7		13	13	9		9
8		7	7	6		6
9		2	2	2		2
10		2	2	1		1
11						
12						
FEMALES						
0						
1		59	59	33	6	39
2		164	164	114	6	120
3		186	186	117	8	125
4		113	113	67	7	74
5		67	67	44	1	45
6		30	30	18	1	19
7		9	9	4		4
8		1	1	1		1
9		4	4	3		3
10						
11						
12						

TABLE 8A: POPULATION SIZE BY LOCATION AND SEX OF HOLDER

SOUTHERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FAMILY SIZE						
0	155		155	42	112	154
1	17405	102	17507	1590	15887	17477
2	26412	265	26677	13102	13527	26629
3	32124	384	32508	21172	11285	32457
4	29817	423	30240	23176	7013	30189
5	24914	422	25336	21599	3679	25278
6	19035	308	19343	17732	1565	19297
7	12790	261	13051	12403	614	13017
8	7130	190	7320	7056	247	7303
9	2946	97	3043	2948	89	3037
10	975	49	1024	987	32	1019
11	241	24	265	256	7	263
12	92	15	107	100	7	107
13	29	9	38	33	4	37
14	19	4	23	21		21
15	11	1	12	9	2	11
16	16		16	9	6	15
17	10	2	12	4	7	11
18	5		5	3	1	4
19	1		1	1		1
20	1		1		1	1
21	3		3	2		2
22	7		7	5	2	7
23	6		6	4	2	6
24	6		6	4	2	6

TABLE 8B: POPULATION SIZE BY LOCATION AND SEX OF HOLDER

EASTERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FAMILY SIZE						
0	214		214	63	150	213
1	14772	14	14786	1652	13097	14749
2	16352	84	16436	7819	8571	16390
3	18725	130	18855	11559	7236	18795
4	18325	216	18541	13573	4913	18486
5	16325	215	16540	13469	3029	16498
6	13313	216	13529	12055	1432	13487
7	10187	201	10388	9688	663	10351
8	6541	151	6692	6438	231	6669
9	3042	87	3129	3029	93	3122
10	1152	57	1209	1185	19	1204
11	335	21	356	342	11	353
12	79	14	93	90	2	92
13	13	3	16	16		16
14	12	2	14	14		14
15	9	4	13	10	3	13
16	17		17	9	7	16
17	4		4	3	1	4
18	4	1	5	4	1	5
19						
20	1		1			
21						
22	1		1	1		1
23	6		6	4	2	6
24	1		1		1	1

TABLE 8C: POPULATION SIZE BY LOCATION AND SEX OF HOLDER

CENTRAL ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FAMILY SIZE						
0	66		66	28	36	64
1	19029	132	19161	2235	16854	19089
2	25192	323	25515	12853	12556	25409
3	31946	448	32394	21460	10809	32269
4	34106	474	34580	26894	7506	34400
5	31159	428	31587	26896	4519	31415
6	25594	308	25902	23666	2096	25762
7	19072	238	19310	18221	961	19182
8	11010	160	11170	10731	357	11088
9	4750	106	4856	4709	115	4824
10	1608	43	1651	1598	38	1636
11	438	18	456	445	8	453
12	118	5	123	116	4	120
13	34	1	35	31	3	34
14	12		12	10	1	11
15	10		10	6	4	10
16	18		18	7	10	17
17	13		13	8	3	11
18	4		4	3		3
19	5		5	3	1	4
20	1		1		1	1
21	1		1	1		1
22	2		2	2		2
23	2		2	1	1	2
24	2		2	1	1	2

TABLE 8D: POPULATION SIZE BY LOCATION AND SEX OF HOLDER

WESTERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FAMILY SIZE						
0	16	13	29	10	19	29
1	7502	324	7826	1569	6228	7797
2	17481	578	18059	11406	6597	18003
3	23842	773	24615	17806	6728	24534
4	24459	764	25223	20090	5054	25144
5	22307	711	23018	19621	3330	22951
6	17407	549	17956	16284	1616	17900
7	12619	403	13022	12134	850	12984
8	7266	257	7523	7189	311	7500
9	3485	124	3609	3483	119	3602
10	1413	87	1500	1440	49	1489
11	439	21	460	440	16	456
12	158	15	173	161	8	169
13	59	7	66	58	5	63
14	37	5	42	36	4	40
15	25	3	28	23	4	27
16	11	1	12	11		11
17	3	2	5	5		5
18	4	1	5	4	1	5
19	7	2	9	6	2	8
20	5	4	9	7	2	9
21	1		1	1		1
22	4	1	5	5		5
23	5		5	5		5
24	9	1	10	8	1	9

TABLE 8E: POPULATION SIZE BY LOCATION AND SEX OF HOLDER

MEKELLE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
FAMILY SIZE						
0						
1		4	4	1		1
2		16	16	6	3	9
3		54	54	40	5	45
4		66	66	40	4	44
5		106	106	73	7	80
6		90	90	57	2	59
7		105	105	71	5	76
8		80	80	44	1	45
9		50	50	32	1	33
10		27	27	13		13
11		15	15	10	1	11
12		10	10	6		6
13		4	4	3		3
14		2	2	1		1
15		1	1	1		1
16		1	1	1		1
17		1	1	1		1
18						
19						
20		1	1	1		1
21						
22						
23						
24						

TABLE 9A: AGE STRUCTURE BY LOCATION

SOUTHERN ZONE

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
AGEGRP						
15-19	566	992	1558	1552	8	1560
20-24	4509	2886	7395	7366	39	7405
25-29	15373	5396	20769	20647	140	20787
30-34	16265	5914	22179	21975	235	22210
35-39	16258	5075	21333	21064	303	21367
40-44	14894	5443	20337	20057	314	20371
45-49	14118	4129	18247	17973	315	18288
50-54	11896	6186	18082	17767	341	18108
55-59	8292	3245	11537	11309	244	11553
60-64	8658	6015	14673	14419	284	14703
65+	15693	8768	24461	24094	410	24504

TABLE 9B: AGE STRUCTURE BY LOCATION

EASTERN ZONE

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
AGEGRP						
15-19	196	629	825	823	4	827
20-24	2062	2349	4411	4406	14	4420
25-29	8006	4227	12233	12196	60	12256
30-34	9358	3755	13113	13001	137	13138
35-39	9843	3179	13022	12936	127	13063
40-44	8670	3078	11748	11603	174	11777
45-49	9430	2832	12262	12121	173	12294
50-54	8626	3959	12585	12421	197	12618
55-59	7231	2545	9776	9670	142	9812
60-64	6855	4338	11193	11056	165	11221
65+	15328	9263	24591	24431	233	24664

TABLE 9E: AGE STRUCTURE BY LOCATION

MEKELLE

AGEGRP	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
15-19	2		2		2	2
20-24	1		1		3	3
25-29	3		3		11	11
30-34	7	2	9		23	23
35-39	34	6	40		65	65
40-44	52		52		83	83
45-49	67	1	68		94	94
50-54	51	6	57		83	83
55-59	45	4	49		70	70
60-64	50	5	55		76	76
65+	80	5	85		115	115

TABLE 10A: AGE STRUCTURE BY LOCATION AND SEX OF HOLDER

MEKELLE

AGEGRP	LOCATION		Total	SEX OF HOLDER		Total
	total	urban		male	female	
15-19	2		2	2		2
20-24	1		1	1		1
25-29	3		3	3		3
30-34	9	2	9	7	2	9
35-39	40	6	40	34	6	40
40-44	52		52	52		52
45-49	68	1	68	67	1	68
50-54	57	6	57	51	6	57
55-59	49	4	49	45	4	49
60-64	55	5	55	50	5	55
65+	85	5	85	80	5	85

TABLE 10A: AGE STRUCTUE BY LOCATION AND SEX OF HOLDER

SOUTHERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
AGEGRP						
15-19	1552	8	1560	566	992	1558
20-24	7366	39	7405	4509	2886	7395
25-29	20647	140	20787	15373	5396	20769
30-34	21975	235	22210	16265	5914	22179
35-39	21064	303	21367	16258	5075	21333
40-44	20057	314	20371	14894	5443	20337
45-49	17973	315	18288	14118	4129	18247
50-54	17767	341	18108	11896	6186	18082
55-59	11309	244	11553	8292	3245	11537
60-64	14419	284	14703	8658	6015	14673
65+	24094	410	24504	15693	8768	24461

TABLE 10B: AGE STRUCTUE BY LOCATION AND SEX OF HOLDER

EASTERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
AGEGRP						
15-19	823	4	827	196	629	825
20-24	4406	14	4420	2062	2349	4411
25-29	12196	60	12256	8006	4227	12233
30-34	13001	137	13138	9358	3755	13113
35-39	12936	127	13063	9843	3179	13022
40-44	11603	174	11777	8670	3078	11748
45-49	12121	173	12294	9430	2832	12262
50-54	12421	197	12618	8626	3959	12585
55-59	9670	142	9812	7231	2545	9776
60-64	11056	165	11221	6855	4338	11193
65+	24431	233	24664	15328	9263	24591

TABLE 10C: AGE STRUCTUE BY LOCATION AND SEX OF HOLDER

CENTRAL ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
AGEGRP						
15-19	1055	24	1079	313	765	1078
20-24	8214	101	8315	5059	3223	8282
25-29	21745	224	21969	16949	4920	21869
30-34	24253	305	24558	19363	5088	24451
35-39	22115	293	22408	17934	4365	22299
40-44	21865	333	22198	17190	4909	22099
45-49	22046	274	22320	17894	4306	22200
50-54	21767	314	22081	15759	6212	21971
55-59	15914	233	16147	11910	4163	16073
60-64	18297	274	18571	11575	6901	18476
65+	30833	373	31206	19924	11135	31059

TABLE 10D: AGE STRUCTUE BY LOCATION AND SEX OF HOLDER

WESTERN ZONE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
AGEGRP						
15-19	672	33	705	353	348	701
20-24	6790	126	6916	5443	1455	6898
25-29	18076	311	18387	15676	2659	18335
30-34	20395	514	20909	17296	3560	20856
35-39	18170	565	18735	15535	3136	18671
40-44	17818	645	18463	14490	3932	18422
45-49	13512	550	14062	11291	2736	14027
50-54	14428	675	15103	10779	4287	15066
55-59	9203	367	9570	7133	2392	9525
60-64	10418	445	10863	7245	3581	10826
65+	13763	498	14261	10277	3932	14209

TABLE 10E: AGE STRUCTUE BY LOCATION AND SEX OF HOLDER

MEKELLE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
AGEGRP						
15-19		2	2	2		2
20-24		3	3	1		1
25-29		11	11	3		3
30-34		23	23	7	2	9
35-39		65	65	34	6	40
40-44		83	83	52		52
45-49		94	94	67	1	68
50-54		83	83	51	6	57
55-59		70	70	45	4	49
60-64		76	76	50	5	55
65+		115	115	80	5	85

TABLE 11A: CULTIVATED LAND BY LOCATION AND SEX OF HOLDER

SOUTHERN ZONE

	sex of holder		LOCATION	
	male	female	rural	urban
Farm size group				
none	11202	4748	14218	1935
0.01-1	9691	12991	22468	262
1.01-2	29944	17242	47071	225
2.01-3	25718	10512	36229	92
3.01-4	17326	3584	20910	29
4.01-6	22103	3832	25958	50
6.01-8	5353	728	6088	11
8.01-10	2685	317	2999	12
10.01-20	2843	350	3168	27
20.01-40	173	19	192	1
40.01 and above	11	2	13	

TABLE 11B: CULTIVATED LAND BY LOCATION AND SEX OF HOLDER

EASTERN ZONE

	sex of holder		LOCATION	
	male	female	rural	urban
farm size group				
none	7852	2566	9283	1168
0.01-1	14281	17440	31756	88
1.01-2	28426	13829	42321	85
2.01-3	19076	4792	23912	26
3.01-4	8705	1074	9737	59
4.01-6	6048	669	6718	12
6.01-8	1232	97	1328	2
8.01-10	415	41	457	1
10.01-20	121	17	138	
20.01-40	12	4	16	
40.01 and above	4		4	

TABLE 11E: CULTIVATED LAND BY LOCATION AND SEX OF HOLDER

MEKELLE

	sex of holder		LOCATION	
	male	female	rural	urban
farm size group				
none	404	29		648
0.01-1	2			2
1.01-2	1			1
2.01-3				
3.01-4	1			1
4.01-6	1			1
6.01-8				
8.01-10				
10.01-20				
20.01-40				
40.01 and above				

	sex of holder		LOCATION	
	male	female	rural	urban
farm size group				
none	404	29		648
0.01-1	2			2
1.01-2	1			1
2.01-3				
3.01-4	1			1
4.01-6	1			1
6.01-8				
8.01-10				
10.01-20				
20.01-40				
40.01 and above				

TABLE 12A: NUMBER OF PLOTS BY LOCATION AND SEX OF HOLDER

SOUTHERN ZONE

	sex of holder		LOCATION	
	male	female	rural	urban
plots group				
none	11607	5012	14958	1932
one	10080	8925	18999	44
two	55941	25548	80972	626
three	39912	12751	52785	23
four	7504	1781	9283	11
5 and above	1952	238	2194	8

TABLE 11B: NUMBER OF PLOTS BY LOCATION AND SEX OF HOLDER

EASTERN ZONE

	sex of holder		LOCATION	
	male	female	rural	urban
plots group				
none	8150	2772	9813	1176
one	15829	14570	30420	55
two	22336	12747	35105	82
three	22315	7301	29607	106
four	10663	2132	12818	16
5 and above	6803	970	7791	6

TABLE 11C: NUMBER OF PLOTS BY LOCATION AND SEX OF HOLDER

CENTRAL ZONE

	sex of holder		LOCATION	
	male	female	rural	urban
plots group				
none	12702	2542	14344	1256
one	22857	18838	41363	599
two	52458	20927	73173	535
three	43142	10167	53266	280
four	14940	2693	17662	76
5 and above	8390	1178	9601	19

TABLE 11D: NUMBER OF PLOTS BY LOCATION AND SEX OF HOLDER

WESTERN ZONE

	sex of holder		LOCATION	
	male	female	rural	urban
plots group				
none	16158	3453	17630	2112
one	25577	11687	35629	1709
two	44345	11964	55795	699
three	21751	3971	25644	189
four	5821	882	6682	43
5 and above	2376	275	2651	17

TABLE 11E: NUMBER OF PLOTS BY LOCATION AND SEX OF HOLDER

MEKELLE

	sex of holder		LOCATION	
	male	female	rural	urban
plots group				
none	405	29		649
one	4			4
two				
three				
four				
5 and above				

TABLE 12: NUMBER OF PLOTS BY SEX OF HOLDER

MEKELLE

	sex of holder		total
	male	female	
plots group			
none	405	29	434
one	4		4
two			
three			
four			
5 and above			
Total	409	29	438

TABLE 23: NUMBER OF FEMALE CATTLE BY AGE OF HOLDER

SOUTHERN ZONE

	female cattle group		
	no female cattle	one female cattle	two or more female cattle
AGEGRP			
15-19	860	309	391
20-24	3043	1402	2960
25-29	6605	3598	10584
30-34	7181	3450	11579
35-39	6589	3088	11690
40-44	6595	2854	10922
45-49	5365	2774	10149
50-54	6556	2715	8837
55-59	3853	1756	5944
60-64	6433	2015	6255
65+	11583	3218	9703
Total	64663	27179	89014

TABLE 23: NUMBER OF FEMALE CATTLE BY AGE OF HOLDER

EASTERN ZONE

	female cattle group		
	no female cattle	one female cattle	two or more female cattle
AGEGRP			
15-19	479	144	204
20-24	1895	919	1606
25-29	4453	2591	5212
30-34	4311	2518	6309
35-39	3727	2466	6870
40-44	3294	2051	6432
45-49	3116	2235	6943
50-54	3928	2310	6380
55-59	2888	1953	4971
60-64	4446	2066	4709
65+	12483	4212	7969
Total	45020	23465	57605

TABLE 23: NUMBER OF FEMALE CATTLE BY AGE OF HOLDER

CENTRAL ZONE

	female cattle group		
	no female cattle	one female cattle	two or more female cattle
AGEGRP			
15-19	471	245	363
20-24	2331	1683	4301
25-29	4413	4000	13556
30-34	4784	3902	15872
35-39	4145	3313	14950
40-44	4341	3156	14701
45-49	4105	3212	15003
50-54	5312	3406	13363
55-59	3933	2656	9558
60-64	6720	3044	8807
65+	14741	4793	11672
Total	55296	33410	122146

TABLE 23: NUMBER OF FEMALE CATTLE BY AGE OF HOLDER

WESTERN ZONE

	female cattle group		
	no female cattle	one female cattle	two or more female cattle
AGEGRP			
15-19	279	104	322
20-24	1708	951	4257
25-29	3341	2228	12818
30-34	3735	2037	15137
35-39	3285	1534	13916
40-44	3257	1427	13779
45-49	2393	1060	10609
50-54	3031	1322	10750
55-59	1867	785	6918
60-64	2461	1027	7375
65+	3544	1450	9267
Total	28901	13925	105148

TABLE 23: NUMBER OF FEMALE CATTLE BY AGE OF HOLDER

MEKELLE

	female cattle group		
	no female cattle	one female cattle	two or more female cattle
AGEGRP			
15-19			2
20-24	1		2
25-29	6	2	3
30-34	6	6	11
35-39	7	8	50
40-44	8	14	61
45-49	8	12	74
50-54	11	12	60
55-59	13	7	50
60-64	9	11	56
65+	8	17	90
Total	77	89	459

TABLE 24: NUMBER OF MALE CATTLE BY AGE OF HOLDER

SOUTHERN ZONE

	male cattle group		
	no male cattle	only one male cattle	two or more male cattle
AGEGRP			
15-19	932	411	217
20-24	3270	2057	2078
25-29	7187	5651	7949
30-34	7804	5353	9053
35-39	7024	4767	9576
40-44	7067	4300	9004
45-49	5675	3953	8660
50-54	7049	3633	7426
55-59	4063	2457	5033
60-64	6844	2788	5071
65+	12413	4341	7750
Total	69328	39711	71817

TABLE 24: NUMBER OF MALE CATTLE BY AGE OF HOLDER

EASTERN ZONE

	male cattle group		
	no male cattle	only one male cattle	two or more male cattle
AGEGRP			
15-19	532	208	87
20-24	2218	1422	780
25-29	5289	4133	2834
30-34	5129	4409	3600
35-39	4433	4422	4208
40-44	3869	3794	4114
45-49	3616	4018	4660
50-54	4487	3908	4223
55-59	3362	3044	3406
60-64	4953	3164	3104
65+	13581	6001	5082
Total	51469	38523	36098

TABLE 24: NUMBER OF MALE CATTLE BY AGE OF HOLDER

CENTRAL ZONE

	male cattle group		
	no male cattle	only one male cattle	two or more male cattle
AGEGRP			
15-19	575	322	182
20-24	2751	2889	2675
25-29	5292	7388	9289
30-34	5613	7238	11707
35-39	4707	6087	11614
40-44	4879	5595	11724
45-49	4542	5493	12285
50-54	5813	5362	10906
55-59	4298	4069	7780
60-64	7226	4350	6995
65+	15638	6663	8905
Total	61334	55456	94062

TABLE 24: NUMBER OF MALE CATTLE BY AGE OF HOLDER

WESTERN ZONE

	male cattle group		
	no male cattle	only one male cattle	two or more male cattle
AGEGRP			
15-19	316	182	207
20-24	2202	1887	2827
25-29	4357	4715	9315
30-34	4837	4261	11811
35-39	4071	3203	11461
40-44	4018	2860	11585
45-49	2861	2072	9129
50-54	3683	2332	9088
55-59	2204	1443	5923
60-64	2933	1856	6074
65+	4294	2528	7439
Total	35776	27339	84859

TABLE 24: NUMBER OF MALE CATTLE BY AGE OF HOLDER

MEKELLE ZONE

	male cattle group		
	no male cattle	only one male cattle	two or more male cattle
AGEGRP			
15-19	1	1	1
20-24	2	1	1
25-29	5	5	1
30-34	12	7	4
35-39	22	24	19
40-44	35	26	22
45-49	44	30	20
50-54	32	28	23
55-59	26	22	22
60-64	29	29	18
65+	49	38	28
Total	257	210	158

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

EASTERN ZONE

	total cattle by group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19	874	34	124
20-24	1712	125	274
25-29	4145	488	771
30-34	4982	643	1155
35-39	5871	126	1352
40-44	6780	485	1521
45-49	7684	715	1812
50-54	8482	985	2372
55-59	9215	1182	2894
60-64	9820	1442	3478
Total	12020	3777	11713
Total	21020	6554	27124

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

SOUTHERN ZONE

	total cattle group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19	786	130	644
20-24	2751	435	4219
25-29	5982	949	13856
30-34	6686	791	14732
35-39	6095	721	14551
40-44	6188	615	13567
45-49	4942	590	12756
50-54	6167	647	11293
55-59	3618	333	7602
60-64	6134	485	8084
65+	11147	830	12527
Total	60496	6526	113831

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

EASTERN ZONE

	total cattle group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19	456	54	317
20-24	1769	335	2316
25-29	4149	808	7299
30-34	4063	683	8392
35-39	3476	655	8932
40-44	3097	488	8192
45-49	2866	515	8912
50-54	3682	563	8373
55-59	2710	433	6668
60-64	4237	489	6495
65+	12086	979	11599
Total	42591	6002	77495

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

CENTRAL ZONE

	total cattle group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19	439	92	548
20-24	2088	476	5751
25-29	3936	913	17120
30-34	4271	869	19417
35-39	3738	652	18018
40-44	3903	658	17637
45-49	3666	632	18022
50-54	4806	790	16485
55-59	3556	589	12002
60-64	6320	699	11552
65+	14063	1233	15910
Total	50786	7603	152462

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

WESTERN ZONE

	total cattle group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19	257	42	406
20-24	1535	357	5024
25-29	3022	657	14708
30-34	3431	632	16846
35-39	3051	440	15244
40-44	3029	432	15002
45-49	2220	314	11528
50-54	2834	378	11891
55-59	1738	220	7612
60-64	2314	305	8244
65+	3320	454	10487
Total	26751	4231	116992

TABLE 25: NUMBER OF CATTLE BY AGE OF HOLDER

MEKELLE

	total cattle group		
	no cattle	one cattle	two or more cattle
AGEGRP			
15-19			2
20-24	1		2
25-29	4	2	5
30-34	6	2	15
35-39	4	2	59
40-44	5	7	71
45-49	6	5	83
50-54	8	4	71
55-59	10		60
60-64	6	4	66
65+	8	2	105
Total	58	28	539

TABLE 26A : NUMBER OF SHEEP BY AGE OF HOLDER

ZONE
SOUTHERN

	total sheep group					
	0	1	2	3	4	5
AGEGRP						
15-19	1477	55	25	3		
20-24	6817	427	133	26		2
25-29	18538	1514	631	91	10	3
30-34	19494	1741	820	128	21	6
35-39	18112	1897	1125	175	38	20
40-44	16825	2042	1188	251	52	13
45-49	14409	2190	1324	261	68	36
50-54	14778	1890	1079	256	65	40
55-59	9176	1257	831	198	47	44
60-64	12477	1245	742	172	40	27
65+	20927	1944	1269	261	62	41
Total	153030	16202	9167	1822	403	232

TABLE 26A : NUMBER OF SHEEP BY AGE OF HOLDER

ZONE
EASTERN

	total sheep group					
	0	1	2	3	4	5
AGEGRP						
15-19	728	70	28	1		
20-24	3612	542	243	22	1	
25-29	9383	1811	981	75	6	
30-34	8908	2369	1710	145	5	1
35-39	7556	2842	2369	276	17	3
40-44	6096	2652	2663	338	24	4
45-49	6024	2826	2993	413	34	4
50-54	6536	2759	2839	430	53	1
55-59	5013	2122	2273	363	36	5
60-64	6677	2082	2108	309	41	4
65+	16674	3739	3605	588	44	14
Total	77207	23814	21812	2960	261	36

TABLE 26A : NUMBER OF SHEEP BY AGE OF HOLDER

ZONE
CENTRAL

	total sheep group					
	0	1	2	3	4	5
AGEGRP						
15-19	1021	35	15	7	1	
20-24	7649	436	185	35	8	2
25-29	19591	1582	654	116	25	1
30-34	21144	2172	1054	147	32	9
35-39	18434	2323	1404	208	37	2
40-44	17484	2606	1770	266	59	12
45-49	16978	2769	2111	367	83	12
50-54	16926	2690	1977	397	67	24
55-59	12326	1957	1455	311	86	12
60-64	14959	1817	1391	327	59	18
65+	26481	2418	1867	346	67	27
Total	172993	20805	13883	2527	524	119

TABLE 26A : NUMBER OF SHEEP BY AGE OF HOLDER

ZONE
WESTERN

	total sheep group					
	0	1	2	3	4	5
AGEGRP						
15-19	672	25	6	2		
20-24	6595	235	78	8		
25-29	17334	778	249	21	4	1
30-34	19349	1053	444	52	6	5
35-39	16819	1234	582	80	15	5
40-44	16121	1378	812	125	21	5
45-49	11903	1179	772	177	25	6
50-54	12806	1215	855	173	44	10
55-59	7998	802	614	127	23	6
60-64	9288	782	612	146	32	3
65+	12407	1044	630	146	25	9
Total	131292	9725	5654	1057	195	50

TABLE 26A : NUMBER OF SHEEP BY AGE OF HOLDER

ZONE
MEKELLE

	total sheep group					
	0	1	2	3	4	5
AGEGRP						
15-19	2					
20-24	3					
25-29	11					
30-34	21	2				
35-39	59	4	2			
40-44	71	12				
45-49	89	3	2			
50-54	76	5	2			
55-59	65	1	3		1	
60-64	62	9	5			
65+	102	12	1			
Total	561	48	15		1	

TABLE 26B : NUMBER OF GOATS BY AGE OF HOLDER

ZONE
SOUTHERN

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	1473	69	15	2	1	
20-24	6796	467	118	23	1	
25-29	18883	1417	427	48	12	
30-34	19976	1573	569	82	6	4
35-39	18616	1789	836	106	15	5
40-44	17239	1920	1006	159	33	14
45-49	14833	2034	1169	198	41	13
50-54	15066	1740	1027	210	45	20
55-59	9349	1227	762	163	37	15
60-64	12642	1184	687	143	38	9
65+	21229	1831	1146	217	55	26
Total	156102	15251	7762	1351	284	106

TABLE 26B : NUMBER OF GOATS BY AGE OF HOLDER

ZONE
EASTERN

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	799	19	9			
20-24	4181	159	63	14	3	
25-29	11382	530	270	51	22	1
30-34	11936	628	451	90	26	7
35-39	11489	802	592	134	36	10
40-44	9985	814	786	131	49	12
45-49	10065	1021	996	154	48	10
50-54	10355	1066	963	175	40	19
55-59	7978	844	790	144	44	12
60-64	9536	784	699	155	37	10
65+	21789	1317	1223	257	53	25
Total	109495	7984	6842	1305	358	106

TABLE 26B : NUMBER OF GOATS BY AGE OF HOLDER

ZONE
CENTRAL

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	940	90	42	6	1	
20-24	6578	1058	580	80	17	2
25-29	16131	3502	2007	274	48	7
30-34	16928	4370	2825	375	46	14
35-39	13916	4399	3489	521	73	10
40-44	12172	4625	4569	711	110	11
45-49	10959	4899	5227	1036	167	32
50-54	11279	4449	5104	1032	184	33
55-59	8156	3186	3797	836	136	36
60-64	11386	3044	3242	721	143	35
65+	22238	4058	3910	799	161	40
Total	130683	37680	34792	6391	1086	220

TABLE 26B : NUMBER OF GOATS BY AGE OF HOLDER

ZONE
WESTERN

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	555	90	53	6		1
20-24	5089	1180	553	83	10	1
25-29	13195	3137	1714	291	37	13
30-34	13782	3816	2604	568	112	27
35-39	11034	3606	3129	771	154	41
40-44	9686	3780	3690	1027	241	39
45-49	6733	2877	3218	1018	178	38
50-54	7650	2858	3234	1073	224	64
55-59	4648	1865	2117	738	155	47
60-64	5978	2023	1990	669	157	46
65+	8676	2511	2204	664	158	48
Total	87026	27743	24506	6908	1426	365

TABLE 26A : NUMBER OF GOATS BY AGE OF HOLDER

TABLE 26B : NUMBER OF GOATS BY AGE OF HOLDER

ZONE
MEKELLE

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	1	1				
20-24	3					
25-29	11					
30-34	22	1				
35-39	63	1	1			
40-44	79	4				
45-49	91	3				
50-54	81	2				
55-59	68	2				
60-64	71	5				
65+	109	6				
Total	599	25	1			

TABLE 26C : NUMBER OF GOATS BY AGE OF HOLDER

	total goat group					
	0	1	2	3	4	5
AGEGRP						
15-19	10	1				
20-24	147	1				
25-29	280	1				
30-34	274	1				
35-39	271	1				
40-44	274	1				
45-49	279	1				
50-54	252	1				
55-59	259	1				
60-64	289	1				
65+	222	1				
Total	2042	10				

TABLE 26C : NUMBER OF SHOATS BY AGE OF HOLDER

ZONE
SOUTHERN

	SHOAT_G					
	0	1	2	3	4	5
AGEGRP						
15-19	1403	111	40	4	1	1
20-24	6325	779	243	47	9	2
25-29	17102	2486	987	161	41	10
30-34	17826	2775	1304	239	51	15
35-39	16163	2946	1810	337	73	38
40-44	14712	3039	1990	472	111	47
45-49	12212	3134	2196	534	139	73
50-54	12850	2685	1848	475	160	90
55-59	7821	1787	1361	381	123	80
60-64	11135	1814	1262	342	93	57
65+	18815	2828	2065	551	141	104
Total	136364	24384	15106	3543	942	517

TABLE 26C : NUMBER OF SHOATS BY AGE OF HOLDER

ZONE
EASTERN

	SHOAT_G					
	0	1	2	3	4	5
AGEGRP						
15-19	706	82	38	1		
20-24	3459	604	313	38	5	1
25-29	8867	1956	1252	138	39	4
30-34	8230	2505	2063	277	50	13
35-39	6763	2929	2776	503	70	22
40-44	5276	2611	3186	568	102	34
45-49	5039	2763	3601	742	123	26
50-54	5532	2757	3403	757	127	42
55-59	4199	2110	2713	649	115	26
60-64	5889	2115	2500	583	104	30
65+	15182	3932	4314	1025	153	58
Total	69142	24364	26159	5281	888	256

TABLE 26C : NUMBER OF SHOATS BY AGE OF HOLDER

ZONE
CENTRAL

	SHOAT_G					
	0	1	2	3	4	5
AGEGRP						
15-19	906	100	56	13	3	1
20-24	6205	1231	706	126	31	16
25-29	14860	3995	2569	401	119	25
30-34	15064	5059	3662	609	122	42
35-39	11832	4956	4532	880	167	41
40-44	9935	5065	5631	1257	258	51
45-49	8743	5026	6399	1672	355	125
50-54	9268	4537	6043	1737	383	113
55-59	6672	3235	4494	1307	328	111
60-64	9879	3191	3938	1145	307	111
65+	19998	4450	4997	1318	326	117
Total	113362	40845	43027	10465	2399	753

TABLE 26C : NUMBER OF SHOATS BY AGE OF HOLDER

ZONE
WESTERN

	SHOAT_G					
	0	1	2	3	4	5
AGEGRP						
15-19	534	102	57	11		1
20-24	4890	1293	621	95	14	3
25-29	12543	3478	1966	339	45	16
30-34	12849	4232	3001	650	138	39
35-39	9939	4034	3602	908	192	60
40-44	8464	4149	4254	1226	307	62
45-49	5769	3075	3634	1248	269	67
50-54	6600	3125	3664	1245	351	118
55-59	4031	1956	2357	916	227	83
60-64	5315	2134	2262	828	240	84
65+	7811	2742	2554	847	217	90
Total	78745	30320	27972	8313	2000	623

TABLE 26C : NUMBER OF SHOATS BY AGE OF HOLDER

ZONE
MEKELLE

	SHOAT_G					
	0	1	2	3	4	5
AGEGRP						
15-19	1	1				
20-24	3					
25-29	11					
30-34	20	3				
35-39	57	5	3			
40-44	67	16				
45-49	87	5	2			
50-54	75	6	2			
55-59	63	3	3		1	
60-64	57	14	5			
65+	97	16	2			
Total	538	69	17		1	

TABLE 27A: NUMBER OF DONKEYS BY AGE OF HOLDER

ZONE
SOUTHERN

	total donkey group				
	0	1	2	3	4
AGEGRP					
15-19	1456	77	20	3	4
20-24	6488	681	189	28	19
25-29	16394	3288	887	152	66
30-34	15706	4504	1485	348	166
35-39	13829	4803	1944	542	248
40-44	12684	4589	2037	711	349
45-49	10433	4402	2127	823	503
50-54	11230	3765	1908	743	460
55-59	6725	2618	1320	532	358
60-64	9732	2714	1365	560	331
65+	16570	4117	2242	942	632
Total	121247	35558	15524	5384	3136

TABLE 27A: NUMBER OF DONKEYS BY AGE OF HOLDER

ZONE
EASTERN

	total donkey group				
	0	1	2	3	4
AGEGRP					
15-19	794	24	8		1
20-24	4039	307	58	11	5
25-29	10459	1431	308	36	22
30-34	10403	2000	587	92	56
35-39	9593	2456	786	159	69
40-44	8262	2340	865	218	91
45-49	8252	2637	992	277	136
50-54	8802	2412	1007	269	126
55-59	6783	1863	796	246	124
60-64	8316	1791	779	225	110
65+	19607	2972	1460	437	187
Total	95310	20233	7646	1970	927

TABLE 27A: NUMBER OF DONKEYS BY AGE OF HOLDER

ZONE
CENTRAL

	total donkey group				
	0	1	2	3	4
AGEGRP					
15-19	1030	40	8	1	
20-24	7760	427	93	22	13
25-29	19453	1925	462	92	37
30-34	20129	3245	878	215	91
35-39	16996	3646	1234	386	146
40-44	16089	3863	1452	543	251
45-49	15230	4302	1740	713	335
50-54	15183	4117	1685	756	340
55-59	10817	3034	1360	620	316
60-64	13396	2933	1384	606	252
65+	23813	4072	2062	844	415
Total	159896	31604	12358	4798	2196

TABLE 27A: NUMBER OF DONKEYS BY AGE OF HOLDER

ZONE
WESTERN

	total donkey group				
	0	1	2	3	4
AGEGRP					
15-19	639	50	10	2	4
20-24	6016	747	105	26	22
25-29	14918	2879	428	96	66
30-34	15188	4513	925	167	116
35-39	12340	4818	1117	295	163
40-44	11333	5088	1379	420	243
45-49	7952	4100	1333	425	252
50-54	8750	4174	1372	478	328
55-59	5177	2751	993	404	245
60-64	6438	2767	1008	388	262
65+	8877	3326	1205	516	337
Total	97628	35213	9875	3217	2038

TABLE 27A: NUMBER OF DONKEYS BY AGE OF HOLDER

ZONE
MEKELLE

	total donkey group				
	0	1	2	3	4
AGEGRP					
15-19	1	1			
20-24	2		1		
25-29	7	2	1	1	
30-34	18	3	1	1	
35-39	46	15	4		
40-44	55	20	7		1
45-49	66	15	9	3	1
50-54	49	25	8	1	
55-59	43	17	8	1	1
60-64	52	17	7		
65+	81	23	10	1	
Total	420	138	56	8	3

TABLE 27 B: NUMBER OF HORSES BY AGE OF HOLDER

ZONE
SOUTHERN

	total horse			
	none	one	two	three and above
AGEGRP				
15-19	1558	2		
20-24	7387	12	4	2
25-29	20685	65	19	18
30-34	22078	90	24	18
35-39	21218	94	33	22
40-44	20213	98	39	21
45-49	18080	132	44	32
50-54	17915	115	53	25
55-59	11401	90	32	30
60-64	14565	80	37	21
65+	24260	139	59	46
Total	179360	917	344	235

TABLE 27 B: NUMBER OF HORSES BY AGE OF HOLDER

ZONE
EASTERN

	total horse			
	none	one	two	three and above
AGEGRP				
15-19	826	1		
20-24	4415	4	1	
25-29	12235	18	3	
30-34	13092	37	7	2
35-39	13001	52	9	1
40-44	11727	39	9	2
45-49	12237	43	10	4
50-54	12560	41	17	
55-59	9777	27	5	3
60-64	11183	34	4	
65+	24578	61	21	3
Total	125631	357	86	15

TABLE 27 B: NUMBER OF HORSES BY AGE OF HOLDER

ZONE
CENTRAL

	total horse			
	none	one	two	three and above
AGEGRP				
15-19	1079			
20-24	8311	2	1	1
25-29	21952	17		
30-34	24534	17	7	
35-39	22363	32	12	1
40-44	22154	32	11	1
45-49	22252	51	13	4
50-54	22003	56	16	6
55-59	16094	40	9	4
60-64	18503	49	15	4
65+	31115	76	14	1
Total	210360	372	98	22

TABLE 27 B: NUMBER OF HORSES BY AGE OF HOLDER

ZONE
WESTERN

	total horse			
	none	one	two	three and above
AGEGRP				
15-19	704	1		
20-24	6905	7	3	1
25-29	18344	33	7	3
30-34	20872	23	13	1
35-39	18668	35	25	7
40-44	18353	72	21	17
45-49	13975	58	17	12
50-54	14993	71	27	12
55-59	9485	55	19	11
60-64	10756	67	26	14
65+	14091	104	43	23
Total	147146	526	201	101

TABLE 27 B: NUMBER OF HORSES BY AGE OF HOLDER

ZONE
MEKELLE

	total horse			
	none	one	two	three and above
AGEGRP				
15-19	1	1		
20-24	2		1	
25-29	9	2		
30-34	22	1		
35-39	63	2		
40-44	81	1	1	
45-49	87	7		
50-54	78	4	1	
55-59	68	1		1
60-64	76			
65+	113	1	1	
Total	600	20	4	1

TABLE 27 B: NUMBER OF HORSES BY AGE OF HOLDER

REGIONAL

	total horse			
	none	one	two	three and above
AGEGRP				
15-19	4168	5		
20-24	27020	25	10	4
25-29	73225	135	29	21
30-34	80598	168	51	21
35-39	75313	215	79	31
40-44	72528	242	81	41
45-49	66631	291	84	52
50-54	67549	287	114	43
55-59	46825	213	65	49
60-64	55083	230	82	39
65+	94157	381	138	73
Total	663097	2192	733	374

TABLE 27C: NUMBER OF MULES BY AGE OF HOLDER

ZONE
SOUTHERN

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	1554	4	1	1
20-24	7379	21	2	3
25-29	20659	75	42	11
30-34	22014	127	47	22
35-39	21124	167	51	25
40-44	20046	222	71	32
45-49	17900	288	62	38
50-54	17738	268	67	35
55-59	11246	232	47	28
60-64	14351	265	58	29
65+	23830	568	71	35
Total	177841	2237	519	259

TABLE 27C: NUMBER OF MULES BY AGE OF HOLDER

ZONE
EASTERN

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	824	1	2	
20-24	4400	15	3	2
25-29	12155	57	32	12
30-34	12992	91	38	17
35-39	12880	95	54	34
40-44	11638	83	34	22
45-49	12108	108	48	30
50-54	12421	111	47	39
55-59	9673	94	26	19
60-64	11057	120	25	19
65+	24381	240	26	17
Total	124529	1015	335	211

TABLE 27C: NUMBER OF MULES BY AGE OF HOLDER

ZONE
CENTRAL

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	1077	2		
20-24	8292	23		
25-29	21884	80	5	
30-34	24480	76	1	1
35-39	22335	66	6	1
40-44	22087	104	7	
45-49	22171	137	11	1
50-54	21893	177	10	1
55-59	15973	163	7	4
60-64	18357	200	10	4
65+	30837	357	12	
Total	209386	1385	69	12

TABLE 27C: NUMBER OF MULES BY AGE OF HOLDER

ZONE
WESTERN

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	705			
20-24	6909	6	1	
25-29	18339	45	2	1
30-34	20819	72	15	3
35-39	18624	94	16	1
40-44	18324	117	21	1
45-49	13934	115	10	3
50-54	14915	173	12	3
55-59	9381	178	7	4
60-64	10626	230	6	1
65+	13872	368	17	4
Total	146448	1398	107	21

TABLE 27C: NUMBER OF MULES BY AGE OF HOLDER

ZONE
MEKELLE

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	2			
20-24	3			
25-29	7	4		
30-34	23			
35-39	63	2		
40-44	81	2		
45-49	90	4		
50-54	77	6		
55-59	69	1		
60-64	75	1		
65+	113	2		
Total	603	22		

TABLE 27D: NUMBER OF MULES BY AGE OF HOLDER

	total mule			
	none	one	two	three and above
AGEGRP				
15-19	2			
20-24	3			
25-29	7	4		
30-34	23			
35-39	63	2		
40-44	81	2		
45-49	90	4		
50-54	77	6		
55-59	69	1		
60-64	75	1		
65+	113	2		
Total	603	22		

TABLE 27D: NUMBER OF CAMELS BY AGE OF HOLDER

ZONE
SOUTHERN

	male camel group			
	none	one	two	three and above
AGEGRP				
15-19	1552	2	3	3
20-24	7343	19	12	31
25-29	20536	67	55	129
30-34	21864	58	80	208
35-39	21065	62	72	168
40-44	20134	49	50	138
45-49	18070	50	47	121
50-54	17928	40	38	102
55-59	11417	28	34	74
60-64	14600	30	17	56
65+	24308	68	33	95
Total	178817	473	441	1125

TABLE 27D: NUMBER OF CAMELS BY AGE OF HOLDER

ZONE
EASTERN

	male camel group			
	none	one	two	three and above
AGEGRP				
15-19	827			
20-24	4415	3	1	1
25-29	12233	13	9	1
30-34	13128	6	4	
35-39	13044	11	5	3
40-44	11766	6	5	
45-49	12280	7	3	4
50-54	12602	12	4	
55-59	9801	7	3	1
60-64	11212	5	2	2
65+	24651	9	2	2
Total	125959	79	38	14

TABLE 27D: NUMBER OF CAMELS BY AGE OF HOLDER

ZONE
CENTRAL

	male camel group			
	none	one	two	three and above
AGEGRP				
15-19	1077	2		
20-24	8270	44	1	
25-29	21778	179	10	2
30-34	24324	212	20	2
35-39	22188	201	16	3
40-44	22031	151	9	7
45-49	22107	199	12	2
50-54	21909	148	24	
55-59	16002	131	14	
60-64	18440	119	11	1
65+	31100	95	10	1
Total	209226	1481	127	18

TABLE 27D: NUMBER OF CAMELS BY AGE OF HOLDER

ZONE
WESTERN

	male camel group			
	none	one	two	three and above
AGEGRP				
15-19	705			
20-24	6876	32	6	2
25-29	18273	71	36	7
30-34	20726	127	51	5
35-39	18568	103	57	7
40-44	18266	136	53	8
45-49	13874	121	57	10
50-54	14927	120	50	6
55-59	9403	112	48	7
60-64	10724	101	36	2
65+	14125	103	29	4
Total	146467	1026	423	58

TABLE 27D: NUMBER OF CAMELS BY AGE OF HOLDER

ZONE
MEKELLE

	male camel group			
	none	one	two	three and above
AGEGRP				
15-19	2			
20-24	3			
25-29	11			
30-34	23			
35-39	65			
40-44	83			
45-49	94			
50-54	83			
55-59	70			
60-64	76			
65+	115			
Total	625			

TABLE 27E: NUMBER OF EQUINES BY AGE OF HOLDER

ZONE
SOUTHERN

	EQUINE_G			
	NONE	ONE	TWO	THREE AND ABOVE
AGEGRP				
15-19	1452	80	18	10
20-24	6468	682	194	61
25-29	16297	3255	944	291
30-34	15622	4428	1516	643
35-39	13742	4700	1982	942
40-44	12596	4473	2045	1256
45-49	10351	4297	2073	1567
50-54	11146	3662	1871	1427
55-59	6671	2528	1298	1056
60-64	9665	2622	1365	1050
65+	16437	3960	2224	1882
Total	120447	34687	15530	10185

TABLE 27E: NUMBER OF EQUINES BY AGE OF HOLDER

ZONE
EASTERN

	EQUINE_G			
	NONE	ONE	TWO	THREE AND ABOVE
AGEGRP				
15-19	791	26	9	1
20-24	4022	317	59	22
25-29	10407	1412	343	94
30-34	10325	1972	631	210
35-39	9513	2386	842	322
40-44	8198	2297	908	373
45-49	8171	2586	1039	498
50-54	8745	2346	1018	507
55-59	6735	1835	806	436
60-64	8265	1755	794	407
65+	19510	2908	1505	739
Total	94682	19840	7954	3609

TABLE 27E: NUMBER OF EQUINES BY AGE OF HOLDER

ZONE
CENTRAL

	EQUINE_G			
	NONE	ONE	TWO	THREE AND ABOVE
AGEGRP				
15-19	1029	41	7	2
20-24	7737	445	97	36
25-29	19369	1996	469	135
30-34	20055	3295	893	315
35-39	16921	3680	1259	548
40-44	16009	3887	1483	819
45-49	15120	4347	1765	1088
50-54	15058	4161	1716	1146
55-59	10722	3055	1384	986
60-64	13312	2923	1406	930
65+	23670	4045	2135	1356
Total	159002	31875	12614	7361

TABLE 27E: NUMBER OF EQUINES BY AGE OF HOLDER

ZONE
WESTERN

	EQUINE_G			
	NONE	ONE	TWO	THREE AND ABOVE
AGEGRP				
15-19	638	51	10	6
20-24	6007	745	112	52
25-29	14872	2895	439	181
30-34	15140	4516	926	327
35-39	12286	4798	1132	517
40-44	11295	5021	1392	755
45-49	7912	4043	1358	749
50-54	8685	4106	1418	893
55-59	5121	2701	1028	720
60-64	6393	2664	1061	745
65+	8769	3196	1292	1004
Total	97118	34736	10168	5949

TABLE 27E: NUMBER OF EQUINES BY AGE OF HOLDER

ZONE
MEKELLE

	EQUINE_G			
	NONE	ONE	TWO	THREE AND ABOVE
AGEGRP				
15-19	1		1	
20-24	1		2	
25-29	2	6	2	1
30-34	17	4	1	1
35-39	43	17	5	
40-44	53	20	8	2
45-49	59	20	9	6
50-54	40	32	9	2
55-59	42	17	9	2
60-64	51	18	7	
65+	79	24	9	3
Total	388	158	62	17

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
SOUTHERN

	all livestock with hen						
	none	1-5	6-15	16-30	31-50	51-100	101 and above
AGEGRP							
15-19	675	640	204	33	7		1
20-24	2138	3047	1869	288	49	14	
25-29	4438	7915	6725	1429	223	55	2
30-34	4682	7256	7727	2060	375	100	9
35-39	4059	6100	7805	2663	576	146	17
40-44	3843	5569	7279	2744	699	200	34
45-49	2860	4819	6630	2874	773	280	51
50-54	3857	5041	5796	2374	698	290	51
55-59	2158	3137	3703	1770	518	214	53
60-64	4082	4077	4222	1640	467	182	33
65+	8053	6518	6221	2617	760	260	74
Total	40845	54119	58181	20492	5145	1741	325

(cont)

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
SOUTHERN

	Total
AGEGRP	
15-19	1560
20-24	7405
25-29	20787
30-34	22209
35-39	21366
40-44	20368
45-49	18287
50-54	18107
55-59	11553
60-64	14703
65+	24503
Total	180848

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
EASTERN

	all livestock with hen						
	none	1-5	6-15	16-30	31-50	51-100	101 and above
AGEGRP							
15-19	362	343	111	10	1		
20-24	1278	1920	1055	147	16	4	
25-29	2777	4682	3967	732	83	15	
30-34	2463	3981	5027	1457	178	30	2
35-39	1792	3299	5430	2164	326	47	4
40-44	1430	2534	4867	2434	428	78	6
45-49	1226	2456	5013	2915	583	95	5
50-54	1602	2756	4779	2770	585	117	8
55-59	1176	2110	3714	2220	490	93	9
60-64	2212	2664	3840	1969	437	92	7
65+	7409	6080	7040	3263	730	126	16
Total	23727	32825	44843	20081	3857	697	57

(con

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
EASTERN

	Total
AGEGRP	
15-19	827
20-24	4420
25-29	12256
30-34	13138
35-39	13062
40-44	11777
45-49	12293
50-54	12617
55-59	9812
60-64	11221
65+	24664
Total	126087

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
CENTRAL

	all livestock with hen						
	none	1-5	6-15	16-30	31-50	51-100	101 and above
AGEGRP							
15-19	344	494	193	35	9	4	
20-24	1519	3480	2511	653	106	41	5
25-29	2626	7593	8566	2647	399	132	5
30-34	2549	6566	10586	3992	689	157	19
35-39	1997	4807	9503	4880	987	220	14
40-44	1832	4017	8971	5626	1377	360	15
45-49	1552	3494	8508	6381	1841	501	42
50-54	2118	3773	7924	5832	1879	510	45
55-59	1516	2806	5573	4321	1442	448	41
60-64	3089	3939	6113	3765	1210	408	47
65+	8171	7197	9100	4860	1386	449	42
Total	27313	48166	77548	42992	11325	3230	275

(con)

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
CENTRAL

	Total
AGEGRP	
15-19	1079
20-24	8315
25-29	21968
30-34	24558
35-39	22408
40-44	22198
45-49	22319
50-54	22081
55-59	16147
60-64	18571
65+	31205
Total	210849

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
WESTERN

	all livestock with hen						
	none	1-5	6-15	16-30	31-50	51-100	101 and above
AGEGRP							
15-19	176	235	178	94	19	3	
20-24	934	2039	2372	1186	320	58	7
25-29	1645	4223	6974	4125	1117	266	37
30-34	1516	3751	7492	5567	1901	589	92
35-39	1134	2550	6043	5593	2429	855	130
40-44	1034	2304	5459	5606	2753	1146	161
45-49	632	1607	3860	4266	2481	1083	133
50-54	899	2010	4117	4302	2369	1211	195
55-59	563	1166	2475	2721	1593	918	134
60-64	894	1575	3037	2846	1519	843	148
65+	1450	2430	4043	3581	1732	880	145
Total	10877	23890	46050	39887	18233	7852	1182

(con)

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
WESTERN

	Total
AGEGRP	
15-19	705
20-24	6916
25-29	18387
30-34	20908
35-39	18734
40-44	18463
45-49	14062
50-54	15103
55-59	9570
60-64	10862
65+	14261
Total	147971

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
MEKELLE

	all livestock with hen						
	none	1-5	6-15	16-30	31-50	51-100	101 and above
AGEGRP							
15-19		1	1				
20-24		2	1				
25-29		8	2	1			
30-34		20	2		1		
35-39		39	25	1			
40-44		50	29	3	1		
45-49		58	32	4			
50-54		43	33	6			1
55-59		39	25	5	1		
60-64		40	35	1			
65+	2	69	35	8	1		
Total	2	369	220	29	4		1

(con

TABLE 28: NUMBER OF TOTAL LIVESTOCK BY AGE OF HOLDER

ZONE
MEKELLE

	Total
AGEGRP	
15-19	2
20-24	3
25-29	11
30-34	23
35-39	65
40-44	83
45-49	94
50-54	83
55-59	70
60-64	76
65+	115
Total	625

TABLE 30: NUMBER OF CATTLE WITH SHOATS

ZONE
SOUTHERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
SHOAT_G				
NONE	54347	5244	77676	137267
1-5	4601	948	18945	24494
6-15	1816	323	13029	15168
16-30	223	40	3300	3563
31-50	29	4	913	946
51 AND ABOVE	6		511	517

TABLE 30: NUMBER OF CATTLE WITH SHOATS

ZONE
EASTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
SHOAT_G				
NONE	33163	3361	33288	69812
1-5	5659	1569	17300	24528
6-15	3776	990	21530	26296
16-30	427	107	4787	5321
31-50	67	15	813	895
51 AND ABOVE	17	3	238	258

TABLE 30: NUMBER OF CATTLE WITH SHOATS

ZONE
CENTRAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
SHOAT_G				
NONE				
1-5	41673	4773	67798	114244
6-15	5653	1727	33691	41071
16-30	3452	1009	38834	43295
31-50	453	135	9933	10521
51 AND ABOVE	83	13	2315	2411
	16	3	739	758

TABLE 30: NUMBER OF CATTLE WITH SHOATS

ZONE
WESTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
SHOAT_G				
NONE				
1-5	20710	2873	55647	79230
6-15	4113	934	25441	30488
16-30	1823	392	25910	28125
31-50	233	51	8070	8354
51 AND ABOVE	57	8	1943	2008
	17		608	625

TABLE 30: NUMBER OF CATTLE WITH SHOATS

ZONE
MEKELLE

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
SHOAT_G				
NONE				
1-5	47	25	490	562
6-15	12	3	57	72
16-30	3		15	18
31-50	1			
51 AND ABOVE				1

TABLE 31: NUMBER OF CATTLE WITH CULTIVATED LAND

ZONE
SOUTHERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
farm size group				
none				
0.01-1	6510	830	8813	16153
1.01-2	13160	1052	8516	22728
2.01-3	19355	1841	26100	47296
3.01-4	11224	1204	23893	36321
4.01-6	4527	569	15842	20938
6.01-8	4697	766	20545	26008
8.01-10	833	142	5124	6099
10.01-20	352	70	2589	3011
20.01-40	339	83	2773	3195
40.01 and above	25	2	166	193
			13	13

TABLE 31: NUMBER OF CATTLE WITH CULTIVATED LAND

ZONE
EASTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
farm size group				
none				
0.01-1	3389	803	6259	10451
1.01-2	17393	1907	12543	31843
2.01-3	14379	2053	25973	42405
3.01-4	5366	825	17747	23938
4.01-6	1411	255	8130	9796
6.01-8	929	169	5632	6730
8.01-10	177	22	1131	1330
10.01-20	39	5	414	458
20.01-40	20	5	113	138
40.01 and above	5		11	16
	1		3	4

TABLE 31: NUMBER OF CATTLE WITH CULTIVATED LAND

ZONE
CENTRAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
farm size group				
none	2668	566	11031	14265
0.01-1	13872	1488	12401	27761
1.01-2	18275	2467	35652	56394
2.01-3	8259	1372	34228	43859
3.01-4	4337	918	27482	32737
4.01-6	2933	643	22429	26005
6.01-8	717	147	6988	7852
8.01-10	174	39	1969	2182
10.01-20	85	18	1078	1181
20.01-40	7	2	35	44
40.01 and above	3		18	21

TABLE 31: NUMBER OF CATTLE WITH CULTIVATED LAND

ZONE
WESTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
farm size group				
none	4923	694	13294	18911
0.01-1	2425	404	4697	7526
1.01-2	5237	808	14016	20061
2.01-3	2623	498	12138	15259
3.01-4	3832	565	19516	23913
4.01-6	2565	547	20210	23322
6.01-8	2109	284	14918	17311
8.01-10	1161	265	9089	10515
10.01-20	1570	160	8561	10291
20.01-40	316	23	984	1323
40.01 and above	192	10	197	399

TABLE 31: NUMBER OF CATTLE WITH CULTIVATED LAND

ZONE
MEKELLE

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
farm size group				
none	63	28	557	648
0.01-1			2	2
1.01-2			1	1
2.01-3				
3.01-4			1	1
4.01-6			1	1
6.01-8				
8.01-10				
10.01-20				
20.01-40				
40.01 and above				

TABLE 32: NUMBER OF ALL LIVESTOCK WITH CHICKEN

ZONE
SOUTHERN

	chicken poultry					Total
	none	1-5	6-10	11-20	21 and above	
all livestock with hen						
none	41263					41263
1-5	38740	15660				54400
6-15	27580	23760	6336	784		58460
16-30	5655	7912	4253	2574	188	20582
31-50	1125	1673	1069	995	308	5170
51-100	342	442	340	439	186	1749
101 and above	57	63	50	77	78	325

TABLE 32: NUMBER OF ALL LIVESTOCK WITH CHICKEN

ZONE
EASTERN

	chicken poultry					Total
	none	1-5	6-10	11-20	21 and above	
all livestock with hen						
none	24114					24114
1-5	20248	12785				33033
6-15	12916	26404	5394	425		45139
16-30	2475	11064	5148	1452	46	20185
31-50	447	1501	1257	610	61	3876
51-100	157	194	206	115	31	703
101 and above	20	8	11	14	5	58

TABLE 32: NUMBER OF ALL LIVESTOCK WITH CHICKEN

ZONE
CENTRAL

	chicken poultry					Total
	none	1-5	6-10	11-20	21 and above	
all livestock with hen						
none	27710					27710
1-5	31428	17019				48447
6-15	21745	39513	14788	1947		77993
16-30	4620	15675	14476	8022	448	43241
31-50	851	2242	3648	3917	728	11386
51-100	225	403	675	1219	723	3245
101 and above	15	33	74	77	78	277

TABLE 32: NUMBER OF ALL LIVESTOCK WITH CHICKEN

ZONE
WESTERN

	chicken poultry					Total
	none	1-5	6-10	11-20	21 and above	
all livestock with hen						
none	10994					10994
1-5	15108	8924				24032
6-15	12480	20524	11256	2053		46313
16-30	4116	9505	12362	13004	1113	40100
31-50	1218	2332	3856	7598	3311	18315
51-100	558	684	1114	2712	2816	7884
101 and above	82	85	114	279	629	1189

TABLE 32: NUMBER OF ALL LIVESTOCK WITH CHICKEN

ZONE
MEKELLE

	chicken poultry					Total
	none	1-5	6-10	11-20	21 and above	
all livestock with hen						
none	3					3
1-5	347	31				378
6-15	158	53	20	1		232
16-30	6	5	10	7	2	30
31-50	2			1	2	5
51-100	2					2
101 and above					3	3

TABLE 33: NUMBER OF TRADITIONAL BEE HIVES

ZONE
SOUTHERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of traditional bee hive group						
none	109604	52886	162490	160432	2605	163037
one	8255	793	9048	9046	22	9068
2-5	7773	557	8330	8326	17	8343
6-10	1017	70	1087	1090		1090
11-20	281	13	294	294		294
21-50	101	5	106	107		107
51 and above	14	1	15	15		15
ave honey from traditional beehive per year						
none	110747	52956	163703	161635	2618	164253
0.1-5	12006	1043	13049	13046	23	13069
5.1-10	3646	278	3924	3935	2	3937
10.1-15	286	22	308	308	1	309
15.1-20	257	18	275	275		275
20.1-50	96	6	102	102		102
50.1 and above	10	2	12	12		12
freq of harvest from traditional group						
0	110841	52963	163804	161740	2615	164355
1	8612	726	9338	9349	6	9355
2	6628	552	7180	7176	18	7194
3	490	39	529	530	1	531
4	440	42	482	478	4	482

TABLE 33: NUMBER OF TRADITIONAL BEE HIVES

ZONE
EASTERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of traditional bee hive group						
none	71416	38778	110194	109126	1417	110543
one	7266	956	8222	8247	11	8258
2-5	6800	740	7540	7551	11	7562
6-10	575	46	621	623	1	624
11-20	91	9	100	98	2	100
21-50	20	1	21	21		21
51 and above	1		1	1		1
ave honey form traditional product per year						
none	74113	39058	113171	112110	1420	113530
0.1-5	9900	1213	11113	11131	18	11149
5.1-10	1802	219	2021	2032	4	2036
10.1-15	231	22	253	253		253
15.1-20	84	15	99	99		99
20.1-50	37	3	40	40		40
50.1 and above	5		5	5		5
freq of harvest from traditional group						
0	74203	39071	113274	112215	1420	113635
1	4194	505	4699	4699	12	4711
2	7008	865	7873	7894	9	7903
3	512	67	579	585		585
4	245	20	265	265	1	266

TABLE 33: NUMBER OF TRADITIONAL BEE HIVES

ZONE
CENTRAL

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of traditional bee hive group						
none	126193	53047	179240	177674	2707	180381
one	18490	2467	20957	21060	36	21096
2-5	9174	836	10010	10044	23	10067
6-10	491	27	518	521		521
11-20	181	13	194	196		196
21-50	18		18	18		18
51 and above						
ave honey form traditional product per year						
none	129662	53469	183131	181568	2716	184284
0.1-5	9315	1147	10462	10483	11	10494
5.1-10	10752	1262	12014	12032	23	12055
10.1-15	2707	299	3006	3072	5	3077
15.1-20	1383	155	1538	1570	7	1577
20.1-50	642	56	698	702	3	705
50.1 and above	105	4	109	108	1	109
freq of harvest from traditional group						
0	129531	53482	183013	181452	2715	184167
1	23619	2767	26386	26526	43	26569
2	1111	116	1227	1222	7	1229
3	38	4	42	42		42
4	264	23	287	290	1	291

TABLE 33: NUMBER OF TRADITIONAL BEE HIVES

ZONE
WESTERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of traditional bee hive group						
none	93563	29726	123289	119051	4703	123754
one	13405	1680	15085	15085	41	15126
2-5	8670	784	9454	9461	24	9485
6-10	373	44	417	417	2	419
11-20	37	1	38	39		39
21-50	4	1	5	6		6
51 and above	1		1	1		1
ave honey form traditional product per year						
none	95542	29919	125461	121226	4708	125934
0.1-5	10666	1143	11809	11806	36	11842
5.1-10	7321	798	8119	8120	21	8141
10.1-15	1549	215	1764	1769	4	1773
15.1-20	700	134	834	836		836
20.1-50	255	24	279	279	1	280
50.1 and above	21	3	24	25		25
freq of harvest from traditional group						
0	95379	29910	125289	121053	4710	125763
1	11476	1252	12728	12713	46	12759
2	6050	759	6809	6819	11	6830
3	1173	130	1303	1308	1	1309
4	1972	185	2157	2164	2	2166

TABLE 33: NUMBER OF TRADITIONAL BEE HIVES

ZONE
MEKELLE

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of traditional bee hive group						
none	403	29	432		644	644
one	1		1		2	2
2-5	5		5		7	7
6-10						
11-20						
21-50						
51 and above						
ave honey form traditional product per year						
none	406	29	435		648	648
0.1-5	3		3		5	5
5.1-10						
10.1-15						
15.1-20						
20.1-50						
50.1 and above						
freq of harvest from traditional group						
0	406	29	435		648	648
1	3		3		4	4
2					1	1
3						
4						

TABLE 34: NUMBER OF MODERN BEE HIVES

ZONE
SOUTHERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of modern bee hive group						
none	126843	54312	181155	179098	2641	181739
one	99	8	107	107		107
2-5	98	4	102	99	3	102
6-10	6	1	7	7		7
11-20						
21-50	1		1	1		1
ave honey from modern per year						
none	126992	54316	181308	179250	2642	181892
0.1-5	43	7	50	48	2	50
5.1-10	13	2	15	15		15
10.1-15	1		1	1		1
15.1-20						
20.1-50						
50.1 and above						
frequency of harvest modern beehive						
0	127001	54318	181319	179263	2640	181903
1	22		22	22		22
2	18	3	21	20	1	21
3	2	2	4	3	1	4
4	6	2	8	6	2	8

TABLE 34: NUMBER OF MODERN BEE HIVES

ZONE
EASTERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of modern bee hive group						
none	86064	40519	126583	125550	1441	126991
one	49	9	58	59		59
2-5	57	2	59	59		59
6-10	1		1	1		1
11-20	1		1	1	1	2
21-50						
ave honey from modern per year						
none	86124	40516	126640	125608	1441	127049
0.1-5	39	11	50	50		50
5.1-10	8	2	10	10		10
10.1-15	1		1	1	1	2
15.1-20		1	1	1		1
20.1-50						
50.1 and above						
frequency of harvest modern beehive						
0	86127	40525	126652	125620	1441	127061
1	17	3	20	20		20
2	19	2	21	21	1	22
3	3		3	3		3
4	6		6	6		6

TABLE 34: NUMBER OF MODERN BEE HIVES

ZONE
CENTRAL

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of modern bee hive group						
none	154218	56352	210570	209146	2766	211912
one	164	21	185	185		185
2-5	99	10	109	109		109
6-10	66	7	73	74		74
11-20	14	1	15	15		15
21-50	6	1	7	7		7
ave honey from modern per year						
none	154404	56379	210783	209360	2765	212125
0.1-5	60	5	65	65	1	66
5.1-10	76	7	83	83		83
10.1-15	17	1	18	18		18
15.1-20	6		6	6		6
20.1-50	3		3	3		3
50.1 and above	1		1	1		1
frequency of harvest modern beehive						
0	154431	56381	210812	209389	2766	212155
1	115	11	126	126		126
2	9		9	9		9
3	3		3	3		3
4	9		9	9		9

TABLE 34: NUMBER OF MODERN BEE HIVES

ZONE
WESTERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of modern bee hive group						
none	115917	32221	148138	143910	4769	148679
one	112	11	123	122	1	123
2-5	25	4	29	29		29
6-10						
11-20						
21-50						
ave honey from modern per year						
none	115986	32229	148215	143986	4770	148756
0.1-5	41	2	43	43		43
5.1-10	19	5	24	24		24
10.1-15	5		5	5		5
15.1-20	2		2	2		2
20.1-50	1		1	1		1
50.1 and above						
frequency of harvest modern beehive						
0	115981	32230	148211	143983	4769	148752
1	47	5	52	51	1	52
2	12		12	12		12
3	5		5	5		5
4	9	1	10	10		10

TABLE 34: NUMBER OF MODERN BEE HIVES

ZONE
MEKELLE

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
number of modern bee hive group						
none	408	29	437		652	652
one	1		1		1	1
2-5						
6-10						
11-20						
21-50						
ave honey from modern per year						
none	409	29	438		653	653
0.1-5						
5.1-10						
10.1-15						
15.1-20						
20.1-50						
50.1 and above						
frequency of harvest modern beehive						
0	409	29	438		653	653
1						
2						
3						
4						

TABLE 35: NUMBER OF PET ANIMALS

ZONE
SOUTHERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
dog grouped						
none	106761	52580	159341	157416	2460	159876
one	18526	1601	20127	20011	161	20172
two	1564	122	1686	1672	18	1690
three and above	198	22	220	215	5	220
cat grouped						
none	93352	49057	142409	141735	1152	142887
one	30902	4939	35841	34730	1203	35933
two	2177	234	2411	2235	186	2421
three and above	617	95	712	613	103	716

TABLE 35: NUMBER OF PET ANIMALS

ZONE
EASTERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
dog grouped						
none	60170	35744	95914	94942	1298	96240
one	24646	4607	29253	29204	128	29332
two	1242	166	1408	1399	13	1412
three and above	114	13	127	125	3	128
cat grouped						
none	57771	35009	92780	92237	825	93062
one	26938	5343	32281	31946	453	32399
two	1169	140	1309	1206	109	1315
three and above	294	38	332	281	55	336

TABLE 35: NUMBER OF PET ANIMALS

ZONE
CENTRAL

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
dog grouped						
none	124327	52110	176437	175071	2540	177611
one	28894	4116	33010	32964	207	33171
two	1210	142	1352	1346	12	1358
three and above	136	24	160	155	7	162
cat grouped						
none	116409	49989	166398	165685	1834	167519
one	35868	6107	41975	41374	812	42186
two	1665	211	1876	1806	76	1882
three and above	625	85	710	671	44	715

TABLE 35: NUMBER OF PET ANIMALS

ZONE
WESTERN

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
dog grouped						
none	71455	25887	97342	93413	4312	97725
one	36700	5560	42260	42065	327	42392
two	6811	680	7491	7428	83	7511
three and above	1088	109	1197	1155	48	1203
cat grouped						
none	77104	25547	102651	99225	3799	103024
one	32678	5800	38478	37872	742	38614
two	4315	617	4932	4821	136	4957
three and above	1957	272	2229	2143	93	2236

TABLE 35: NUMBER OF PET ANIMALS

ZONE
MEKELLE

	sex of holder		Total	LOCATION		Total
	male	female		rural	urban	
dog grouped						
none	246	22	268		409	409
one	134	4	138		200	200
two	22	3	25		36	36
three and above	7		7		8	8
cat grouped						
none	120	10	130		196	196
one	227	17	244		351	351
two	49		49		78	78
three and above	13	2	15		28	28

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	number of traditional bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	1518	26	15	1		
20-24	7061	193	134	16		1
25-29	19377	747	618	37	7	1
30-34	20332	1030	761	68	13	6
35-39	19222	1109	909	105	15	7
40-44	18096	1106	1025	115	23	3
45-49	15792	1190	1117	141	35	11
50-54	15868	1026	1012	143	38	17
55-59	9838	779	763	125	37	10
60-64	13131	723	692	106	37	13
65+	21784	1087	1269	230	88	38
Total	162019	9016	8315	1087	293	107

(continued)

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	number of traditional bee hive group	Total
	51 and above	
AGEGRP		
15-19		1560
20-24		7405
25-29		20787
30-34		22210
35-39	3	21367
40-44	2	20371
45-49	1	18288
50-54	1	18105
55-59	1	11553
60-64	8	14702
65+		24504
Total	15	180852

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
EASTERN

	number of traditional bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	810	9	8			
20-24	4272	108	40			
25-29	11531	447	264	12	1	1
30-34	11922	663	523	22	7	1
35-39	11470	879	676	33	3	
40-44	9998	905	795	65	13	1
45-49	10233	1030	944	74	9	2
50-54	10589	1004	906	92	24	3
55-59	8085	814	824	78	10	1
60-64	9507	820	809	68	12	5
65+	21203	1526	1729	179	20	7
Total	109620	8205	7518	623	99	21

(continued)

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
EASTERN

	number of traditional bee hive group	Total
	51 and above	
AGEGRP		
15-19		827
20-24		4420
25-29		12256
30-34		13138
35-39		13061
40-44		11777
45-49	1	12293
50-54		12618
55-59		9812
60-64		11221
65+		24664
Total	1	126087

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	number of traditional bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	1060	15	4			
20-24	7937	291	84	1	1	
25-29	20212	1283	450	16	7	
30-34	21663	2045	800	31	12	2
35-39	19088	2215	1027	55	21	1
40-44	18550	2410	1161	51	21	1
45-49	18011	2743	1431	90	40	3
50-54	17918	2671	1386	78	25	2
55-59	12765	2094	1183	69	28	4
60-64	15395	2087	1012	54	21	
65+	26502	3122	1483	72	20	5
Total	179101	20976	10021	517	196	18

(continued)

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	number of traditional bee hive group	Total
	51 and above	
AGEGRP		
15-19		1079
20-24		8314
25-29		21968
30-34		24553
35-39		22407
40-44		22194
45-49		22318
50-54		22080
55-59		16143
60-64		18569
65+		31204
Total		210829

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
WESTERN

	number of traditional bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	659	26	17	2		1
20-24	6273	400	229	13	1	
25-29	16125	1359	872	30	1	
30-34	17838	1804	1191	69	6	1
35-39	15559	1837	1269	64	6	
40-44	15222	1948	1238	49	6	
45-49	11363	1630	1014	49	4	1
50-54	12166	1785	1085	62	3	2
55-59	7410	1281	848	28	3	
60-64	8796	1302	731	28	5	
65+	11607	1679	948	24	3	
Total	123018	15051	9442	418	38	5

(continued)

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
WESTERN

	number of traditional bee hive group	Total
	51 and above	
AGEGRP		705
15-19		6916
20-24		18387
25-29		20909
30-34		18735
35-39		18463
40-44	1	14062
45-49		15103
50-54		9570
55-59		10862
60-64		14261
65+		
Total	1	147973

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	number of traditional bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	2					
20-24	3					
25-29	11					
30-34	23					
35-39	65					
40-44	82		1			
45-49	94					
50-54	82		1			
55-59	68		2			
60-64	74	1	1			
65+	112	1	2			
Total	616	2	7			

(continued)

TABLE 36: NUMBER OF TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	number of traditional bee hive group	Total
	51 and above	
AGEGRP		
15-19		2
20-24		3
25-29		11
30-34		23
35-39		65
40-44		83
45-49		94
50-54		83
55-59		70
60-64		76
65+		115
Total		625

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	ave honey form traditional product per year					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	1522	28	9			1
20-24	7078	259	57	4	5	2
25-29	19476	1016	259	17	15	4
30-34	20463	1366	331	18	27	4
35-39	19345	1496	442	46	25	10
40-44	18247	1554	494	28	37	11
45-49	15970	1693	537	36	41	11
50-54	16005	1542	476	38	30	16
55-59	9959	1119	393	41	25	13
60-64	13222	1078	343	32	21	7
65+	21945	1857	577	49	48	23
Total	163232	13008	3918	309	274	102

(continued)

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	ave honey form traditio nal product per year	Total
	50.1 and above	
AGEGRP		
15-19		1560
20-24		7405
25-29		20787
30-34	1	22210
35-39	2	21366
40-44		20371
45-49		18288
50-54	1	18108
55-59	3	11553
60-64		14703
65+	5	24504
Total	12	180855

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
EASTERN

	ave honey form traditional product per year					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	813	7	6	1		
20-24	4298	95	24	2	1	
25-29	11666	489	91	4	5	1
30-34	12148	827	144	15	3	1
35-39	11775	1068	184	22	10	3
40-44	10341	1151	239	28	15	3
45-49	10618	1348	272	38	11	6
50-54	10957	1367	240	38	9	5
55-59	8386	1136	244	28	12	6
60-64	9791	1180	208	24	12	5
65+	21795	2410	377	51	21	10
Total	112588	11078	2029	251	99	40

(continued)

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
EASTERN

AGEGRP	ave honey form traditional product per year	Total
	50.1 and above	
15-19	1	827
20-24	1	4420
25-29	1	12256
30-34	1	13138
35-39	1	13063
40-44	1	11777
45-49	1	12294
50-54	2	12618
55-59	1	9812
60-64	1	11221
65+	1	24664
Total	5	126090

AGEGRP	ave honey form traditional product per year	Total
15-19	1	827
20-24	1	4420
25-29	1	12256
30-34	1	13138
35-39	1	13063
40-44	1	11777
45-49	1	12294
50-54	2	12618
55-59	1	9812
60-64	1	11221
65+	1	24664
Total	5	126090

CENTRAL

AGEGRP	ave honey form traditional product per year	Total
15-19	1	827
20-24	1	4420
25-29	1	12256
30-34	1	13138
35-39	1	13063
40-44	1	11777
45-49	1	12294
50-54	2	12618
55-59	1	9812
60-64	1	11221
65+	1	24664
Total	5	126090

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	ave honey form traditional product per year					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	1065	5	7		2	
20-24	7984	136	138	40	12	3
25-29	20441	588	673	156	62	42
30-34	22021	948	1140	253	150	41
35-39	19514	1063	1276	337	148	58
40-44	18993	1186	1378	348	207	77
45-49	18551	1391	1590	441	218	111
50-54	18440	1381	1546	391	220	91
55-59	13178	1124	1237	330	172	82
60-64	15753	1013	1215	339	163	80
65+	27043	1603	1785	433	212	117
Total	182983	10438	11985	3068	1566	702

(continued)

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	ave honey form traditio nal product per year	Total
	50.1 and above	
AGEGRP		
15-19		1079
20-24	1	8314
25-29	7	21969
30-34	5	24558
35-39	12	22408
40-44	9	22198
45-49	18	22320
50-54	12	22081
55-59	24	16147
60-64	8	18571
65+	13	31206
Total	109	210851

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
WESTERN

	ave honey form traditional product per year					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	664	26	14	1		
20-24	6345	334	192	27	12	3
25-29	16330	1102	700	175	55	24
30-34	18096	1398	1007	248	124	33
35-39	15799	1410	1099	250	131	43
40-44	15523	1571	1008	221	112	25
45-49	11604	1256	901	185	78	38
50-54	12409	1354	1016	201	81	35
55-59	7606	1043	688	128	78	25
60-64	8984	995	643	154	70	17
65+	11823	1299	836	171	94	36
Total	125183	11788	8104	1761	835	279

(continued)

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
WESTERN

	ave honey form traditio nal product per year	Total
	50.1 and above	
AGEGRP		705
15-19		6916
20-24	3	18387
25-29	1	20909
30-34	3	18735
35-39	3	18463
40-44	3	14062
45-49	7	15103
50-54	2	9570
55-59		10863
60-64	2	14261
65+		
Total	24	147974

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	ave honey form traditional product per year					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	2	2	13		3	2073
20-24	3	103	147	4	15	1400
25-29	11	407	328	27	37	20740
30-34	23	840	490	51	49	22249
35-39	65	2400	822	72	34	17340
40-44	83	1517	860	53	14	20386
45-49	94	1808	240	76	25	10003
50-54	83	1880	700	00	19	14132
55-59	70	863	247	40	82	10880
60-64	74	2	241	45	86	10310
65+	112	3	130	80	10	10000
Total	620	5	1470	300	400	100000

(continued)

TABLE 37: HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	ave honey form traditio nal product per year	Total	Age group				Total
			0.1-5	5.1-10	10.1-15	15.1-20	
AGEGRP							
15-19	2	2	2		3	2073	
20-24	3	3	103	147	4	1400	
25-29	11	11	407	328	27	20740	
30-34	23	23	840	490	51	22249	
35-39	65	65	2400	822	72	17340	
40-44	83	83	1517	860	53	20386	
45-49	94	94	1808	240	76	10003	
50-54	83	83	1880	700	00	14132	
55-59	70	70	863	247	40	10880	
60-64	74	74	2	241	45	10310	
65+	112	112	3	130	80	10000	
Total	620	625	5	1470	300	100000	

TABLE 38: FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	freq of harvest from traditional group					Total
	0	1	2	3	4	
AGEGRP						
15-19	1522	22	13		3	1560
20-24	7079	181	127	7	11	7405
25-29	19477	697	538	37	32	20781
30-34	20476	942	685	54	48	22205
35-39	19342	1102	811	52	54	21361
40-44	18263	1112	880	63	50	20368
45-49	15982	1208	968	70	55	18283
50-54	16037	1080	868	68	49	18102
55-59	9966	848	647	49	42	11552
60-64	13232	781	597	48	40	14698
65+	21958	1326	1039	82	95	24500
Total	163334	9299	7173	530	479	180815

TABLE 38: FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
EASTERN

	freq of harvest from traditional group					Total
	0	1	2	3	4	
AGEGRP						
15-19	813	8	5	1		827
20-24	4302	51	62	3	2	4420
25-29	11662	221	341	24	8	12256
30-34	12145	341	586	51	14	13137
35-39	11781	424	782	58	17	13062
40-44	10355	480	834	76	30	11775
45-49	10641	553	987	74	38	12293
50-54	10975	583	939	85	34	12616
55-59	8399	530	800	41	42	9812
60-64	9807	509	823	53	26	11218
65+	21813	987	1704	105	53	24662
Total	112693	4687	7863	571	264	126078

TABLE 38: FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	freq of harvest from traditional group					Total
	0	1	2	3	4	
AGEGRP						
15-19	1064	12	2		1	1079
20-24	7976	315	18		6	8315
25-29	20420	1456	78	2	13	21969
30-34	21993	2416	113	3	33	24558
35-39	19471	2785	111	4	37	22408
40-44	18980	3051	130	3	34	22198
45-49	18534	3590	157	8	30	22319
50-54	18423	3458	160	7	32	22080
55-59	13178	2769	163	5	31	16146
60-64	15755	2660	118	7	31	18571
65+	27072	3916	174	3	40	31205
Total	182866	26428	1224	42	288	210848

TABLE 38: FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
WESTERN

	freq of harvest from traditional group					Total
	0	1	2	3	4	
AGEGRP						
15-19	666	15	21	1	2	705
20-24	6333	294	214	33	42	6916
25-29	16312	1167	631	102	175	18387
30-34	18083	1487	923	139	276	20908
35-39	15787	1603	913	159	272	18734
40-44	15483	1627	892	154	307	18463
45-49	11583	1377	746	132	224	14062
50-54	12406	1516	751	162	268	15103
55-59	7598	1102	529	146	194	9569
60-64	8961	1081	523	117	181	10863
65+	11803	1428	652	162	215	14260
Total	125015	12697	6795	1307	2156	147970

TABLE 38: FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	freq of harvest from traditional group					Total
	0	1	2	3	4	
AGEGRP						
15-19	2					2
20-24	3					3
25-29	11					11
30-34	23					23
35-39	65					65
40-44	83					83
45-49	94					94
50-54	83					83
55-59	70					70
60-64	74	1	1			76
65+	112	3				115
Total	620	4	1			625

TABLE 38- FREQUENCY OF HONEY PRODUCTION IN TRADITIONAL BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	freq of harvest from traditional group					Total
	0	1	2	3	4	
AGEGRP						
15-19	2					2
20-24	3					3
25-29	11					11
30-34	23					23
35-39	65					65
40-44	83					83
45-49	94					94
50-54	83					83
55-59	70					70
60-64	74	1	1			76
65+	112	3				115
Total	620	4	1			625

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	number of modern bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	1560					
20-24	7401		4			
25-29	20770	7	8	1		1
30-34	22186	11	12	1		
35-39	21332	19	14	2		
40-44	20355	7	6	2		
45-49	18257	14	15	1		
50-54	18084	16	8			
55-59	11529	8	16			
60-64	14690	9	4			
65+	24474	15	15			
Total	180638	106	102	7		1

(continued)

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	Total
AGEGRP	
15-19	1560
20-24	7405
25-29	20787
30-34	22210
35-39	21367
40-44	20370
45-49	18287
50-54	18108
55-59	11553
60-64	14703
65+	24504
Total	180854

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
EASTERN

	number of modern bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	827					
20-24	4419	1				
25-29	12250	4	2			
30-34	13126	9	3			
35-39	13049	5	9			
40-44	11766	6	5			
45-49	12281	9	4			
50-54	12606	7	5			
55-59	9797	3	11		1	
60-64	11209	4	7	1		
65+	24640	11	13			
Total	125970	59	59	1	1	

(continued)

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
EASTERN

	Total
AGEGRP	
15-19	827
20-24	4420
25-29	12256
30-34	13138
35-39	13063
40-44	11777
45-49	12294
50-54	12618
55-59	9812
60-64	11221
65+	24664
Total	126090

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	number of modern bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	1079					
20-24	8312	3				
25-29	21945	12	10	2		
30-34	24514	20	14	9	1	
35-39	22369	20	9	9	1	
40-44	22150	17	15	12	4	
45-49	22279	22	12	6	1	
50-54	22031	31	9	9	1	
55-59	16108	16	12	7		4
60-64	18529	19	13	8	1	1
65+	31149	23	14	12	6	2
Total	210465	183	108	74	15	7

(continued)

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	Total
AGEGRP	
15-19	1079
20-24	8315
25-29	21969
30-34	24558
35-39	22408
40-44	22198
45-49	22320
50-54	22081
55-59	16147
60-64	18571
65+	31206
Total	210852

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
WESTERN

	number of modern bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	705					
20-24	6912	4				
25-29	18374	9	4			
30-34	20889	18	2			
35-39	18719	13	3			
40-44	18441	14	8			
45-49	14045	16	1			
50-54	15088	12	3			
55-59	9551	14	5			
60-64	10855	7	1			
65+	14245	14	2			
Total	147824	121	29			

(continued)

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
WESTERN

	Total
AGEGRP	
15-19	705
20-24	6916
25-29	18387
30-34	20909
35-39	18735
40-44	18463
45-49	14062
50-54	15103
55-59	9570
60-64	10863
65+	14261
Total	147974

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	number of modern bee hive group					
	none	one	2-5	6-10	11-20	21-50
AGEGRP						
15-19	2					
20-24	3					
25-29	11					
30-34	23					
35-39	65					
40-44	83					
45-49	94					
50-54	83					
55-59	69	1				
60-64	76					
65+	115					
Total	624	1				

(continued)

TABLE 39: NUMBER OF MODERN BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	Total
AGEGRP	
15-19	2
20-24	3
25-29	11
30-34	23
35-39	65
40-44	83
45-49	94
50-54	83
55-59	70
60-64	76
65+	115
Total	625

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	ave honey from modern per yerar					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	1560					
20-24	7404	1				
25-29	20786	1				
30-34	22199	10	1			
35-39	21357	6	4			
40-44	20362	7	2			
45-49	18280	5	2	1		
50-54	18103	5				
55-59	11549	3	1			
60-64	14699	3	1			
65+	24491	9	4			
Total	180790	50	15	1		

(continued)

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	ave honey from modern per yerar	Total
	50.1 and above	
AGEGRP		
15-19		1560
20-24		7405
25-29		20787
30-34		22210
35-39		21367
40-44		20371
45-49		18288
50-54		18108
55-59		11553
60-64		14703
65+		24504
Total		180856

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
EASTERN

	ave honey from modern per yerar					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	827					
20-24	4420					
25-29	12251	5				
30-34	13133	3	2			
35-39	13056	7				
40-44	11774	2	1			
45-49	12289	4	1			
50-54	12610	7	1			
55-59	9806	6				
60-64	11213	5	2		1	
65+	24649	11	3	1		
Total	126028	50	10	1	1	

(continued)

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
EASTERN

	ave honey from modern per yerar	Total
	50.1 and above	
AGEGRP		
15-19		827
20-24		4420
25-29		12256
30-34		13138
35-39		13063
40-44		11777
45-49		12294
50-54		12618
55-59		9812
60-64		11221
65+		24664
Total		126090

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	ave honey from modern per yerar					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	1079					
20-24	8314		1			
25-29	21955	6	7	1		
30-34	24537	7	11	2	1	
35-39	22389	6	9	4		
40-44	22176	11	8	1	2	
45-49	22296	10	7	3	2	1
50-54	22060	5	13	2	1	
55-59	16139	5	1	2		
60-64	18547	9	14	1		
65+	31186	5	12	2		1
Total	210678	64	83	18	6	2

(continued)

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	ave honey from modern per yerar	Total
	50.1 and above	
AGEGRP		
15-19		1079
20-24		8315
25-29		21969
30-34		24558
35-39		22408
40-44		22198
45-49	1	22320
50-54		22081
55-59		16147
60-64		18571
65+		31206
Total	1	210852

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
WESTERN

	ave honey from modern per yerar					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	705					
20-24	6912	2	2			
25-29	18383	2	2			
30-34	20896	6	4	2	1	
35-39	18731	2	1		1	
40-44	18451	7	3	2		
45-49	14052	7	3			
50-54	15095	7	1			
55-59	9561	6	3			
60-64	10858	2	2	1		
65+	14255	2	3			1
Total	147899	43	24	5	2	1

(continued)

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
WESTERN

	ave honey from modern per yerar	Total
	50.1 and above	
AGEGRP		
15-19		705
20-24		6916
25-29		18387
30-34		20909
35-39		18735
40-44		18463
45-49		14062
50-54		15103
55-59		9570
60-64		10863
65+		14261
Total		147974

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	ave honey from modern per yerar					
	none	0.1-5	5.1-10	10.1-15	15.1-20	20.1-50
AGEGRP						
15-19	2					
20-24	3					
25-29	11					
30-34	23					
35-39	65					
40-44	83					
45-49	94					
50-54	83					
55-59	70					
60-64	76					
65+	115					
Total	625					

(continued)

TABLE 40: HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
MEKELLE

	ave honey from modern per yerar	Total
AGEGRP		
15-19		2
20-24		3
25-29		11
30-34		23
35-39		65
40-44		83
45-49		94
50-54		83
55-59		70
60-64		76
65+		115
Total		625

TABLE 41: FREQUENCY OF HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
SOUTHERN

	freq of harvest from modern group					Total
	0	1	2	3	4	
AGEGRP						
15-19	1560					1560
20-24	7403	1	1			7405
25-29	20783	2	1	1		20787
30-34	22204	2	3		1	22210
35-39	21360	3	3	1		21367
40-44	20365	4	1		1	20371
45-49	18278	3	4		3	18288
50-54	18101	4	2		1	18108
55-59	11547	2	3		1	11553
60-64	14701		1	1		14703
65+	24499	1	2	1	1	24504
Total	180801	22	21	4	8	180856

TABLE 41: FREQUENCY OF HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
EASTERN

	freq of harvest from modern group					Total
	0	1	2	3	4	
AGEGRP						
15-19	827					827
20-24	4420					4420
25-29	12255		1			12256
30-34	13135	2	1			13138
35-39	13059	3	1			13063
40-44	11774	1	2			11777
45-49	12288	1	3		2	12294
50-54	12611	4	2		1	12618
55-59	9810		1		1	9812
60-64	11211	4	4	1	1	11221
65+	24650	5	6	2	1	24664
Total	126040	20	21	3	6	126090

TABLE 41: FREQUENCY OF HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
CENTRAL

	freq of harvest from modern group					Total
	0	1	2	3	4	
AGEGRP						
15-19	1079					1079
20-24	8313	1	1			8315
25-29	21959	10				21969
30-34	24538	18			2	24558
35-39	22393	9	1	2	3	22408
40-44	22183	11	3		1	22198
45-49	22300	18	1		1	22320
50-54	22061	19			1	22081
55-59	16142	5				16147
60-64	18553	17			1	18571
65+	31186	18	2			31206
Total	210707	126	8	2	9	210852

TABLE 41: FREQUENCY OF HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
WESTERN

	freq of harvest from modern group					Total
	0	1	2	3	4	
AGEGRP						
15-19	705					705
20-24	6911	3			2	6916
25-29	18383	1	1		2	18387
30-34	20897	7	2	2	1	20909
35-39	18728	6			1	18735
40-44	18451	8	3	1		18463
45-49	14053	6	3			14062
50-54	15095	6	1		1	15103
55-59	9560	5	2	1	2	9570
60-64	10857	6				10863
65+	14255	4		1	1	14261
Total	147895	52	12	5	10	147974

TABLE 41: FREQUENCY OF HONEY PRODUCTION IN MODERN BEE HIVES BY AGEGROUP

ZONE
MEKELLE

AGEGRP	freq of harvest from modern group					Total
	0	1	2	3	4	
15-19	2	230	14200	12000	12000	2
20-24	3	140	8120	1000	500	3
25-29	11	80	4100	1000	1000	11
30-34	23	30	1900	1700	200	23
35-39	65	25	2500	1200	100	65
40-44	83					83
45-49	94					94
50-54	83	200	10000	10000	10000	83
55-59	70	20	800	100	100	70
60-64	76	10	100	100	0	76
65+	115	0	0	0	0	115
Total	625					625

TABLE 43: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
SOUTHERN

PLOUGHING ANIMALS	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
CATTLE						
none	164526	2360	166886	114056	52289	166345
one	5942	140	6082	5098	969	6067
two	4449	83	4532	3872	649	4521
three	1909	36	1945	1713	219	1932
four and above	2487	25	2512	2309	199	2508
DONKEY						
none	178306	2608	180914	126091	54243	180334
one	830	21	851	773	74	847
two	152	13	165	159	6	165
three and above	26	2	28	26	2	28
HORSE						
none	179260	2641	181901	126994	54323	181317
one	33	2	35	33	2	35
two	17	1	18	18		18
three and above	4		4	4		4

TABLE 43: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
EASTERN

PLOUGHING ANIMALS	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
CATTLE						
none	103878	1284	105162	68435	36385	104820
one	7140	59	7199	5590	1591	7181
two	7164	41	7205	5800	1382	7182
three	3615	26	3641	2983	646	3629
four and above	3873	32	3905	3364	526	3890
DONKEY						
none	125223	1441	126664	85766	40488	126254
one	343		343	310	33	343
two	89		89	82	7	89
three and above	15	1	16	14	2	16
HORSE						
none	125648	1434	127082	86142	40530	126672
one	21	7	28	28		28
two	1	1	2	2		2
three and above						

TABLE 43: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
CENTRAL

PLOUGHING ANIMALS	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
CATTLE						
none	179038	2434	181472	128214	52120	180334
one	12888	147	13035	10949	2013	12962
two	9349	107	9456	8075	1301	9376
three	4137	41	4178	3651	501	4152
four and above	4122	37	4159	3676	457	4133
DONKEY						
none	209015	2766	211781	154075	56366	210441
one	461		461	436	23	459
two	54		54	51	2	53
three and above	6		6	5	1	6
HORSE						
none	209532	2766	212298	154564	56392	210956
one	3		3	2		2
two	1		1	1		1
three and above						

TABLE 43: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
WESTERN

PLOUGHING ANIMALS	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
CATTLE						
none	122331	4195	126526	96777	29271	126048
one	9029	285	9314	7842	1441	9283
two	6630	167	6797	5930	852	6782
three	2812	40	2852	2525	321	2846
four and above	3258	83	3341	2980	350	3330
DONKEY						
none	142961	4407	147368	114740	32092	146832
one	1004	302	1306	1169	132	1301
two	70	48	118	112	6	118
three and above	26	13	39	33	6	39
HORSE						
none	144051	4770	148821	116046	32234	148280
one	8		8	7	1	8
two	2		2	1	1	2
three and above						

TABLE 43: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
MEKELLE

PLOUGHING ANIMALS	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
CATTLE						
none		639	639	405	27	432
one		11	11	4	2	6
two		2	2			
three		1	1			
four and above						
DONKEY						
none		653	653	409	29	438
one						
two						
three and above						
HORSE						
none		653	653	409	29	438
one						
two						
three and above						

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
MEKELLE

PLOUGHING ANIMALS	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
CATTLE						
none	12000	1000	13000	8000	5000	13000
one	100	100	200	100	100	200
two	100	100	200	100	100	200
three and above	100	100	200	100	100	200
DONKEY						
none	12000	1000	13000	8000	5000	13000
one	100	100	200	100	100	200
two	100	100	200	100	100	200
three and above	100	100	200	100	100	200
HORSE						
none	12000	1000	13000	8000	5000	13000
one	100	100	200	100	100	200
two	100	100	200	100	100	200
three and above	100	100	200	100	100	200

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
SOUTHERN

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MULE FOR PLOUGHING						
NONE	178812	2644	181456	126577	54296	180873
ONE	309		309	288	21	309
TWO	161		161	152	8	160
THREE AND ABOVE	32		32	32		32
CAMEL FOR PLOUGHING						
NONE	179268	2644	181912	127008	54320	181328
ONE	21		21	18	3	21
TWO	6		6	5	1	6
THREE AND ABOVE	19		19	18	1	19
EQUINE FOR PLOUGHING						
NONE	177791	2605	180396	125604	54213	179817
ONE	1114	23	1137	1037	96	1133
TWO	327	14	341	327	13	340
THREE AND ABOVE	82	2	84	81	3	84

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
EASTERN

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MULE FOR PLOUGHING						
NONE	125453	1442	126895	85970	40516	126486
ONE	97		97	87	10	97
TWO	89		89	84	4	88
THREE AND ABOVE	31		31	31		31
CAMEL FOR PLOUGHING						
NONE	125667	1442	127109	86170	40529	126699
ONE	3		3	2	1	3
TWO						
THREE AND ABOVE						
EQUINE FOR PLOUGHING						
NONE	124998	1433	126431	85546	40476	126022
ONE	439	7	446	407	39	446
TWO	182	1	183	169	13	182
THREE AND ABOVE	51	1	52	50	2	52

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
CENTRAL

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MULE FOR PLOUGHING						
NONE	209519	2766	212285	154552	56391	210943
ONE	17		17	15	1	16
TWO						
THREE AND ABOVE						
CAMEL FOR PLOUGHING						
NONE	209486	2766	212252	154524	56385	210909
ONE	42		42	37	5	42
TWO	5		5	5		5
THREE AND ABOVE	3		3	1	2	3
EQUINE FOR PLOUGHING						
NONE	208996	2766	211762	154058	56365	210423
ONE	477		477	451	24	475
TWO	57		57	53	2	55
THREE AND ABOVE	6		6	5	1	6

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
WESTERN

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MULE FOR PLOUGHING						
NONE	144052	4769	148821	116044	32236	148280
ONE	8		8	8		8
TWO	1	1	2	2		2
THREE AND ABOVE						
CAMEL FOR PLOUGHING						
NONE	143675	4701	148376	115659	32176	147835
ONE	344	61	405	350	55	405
TWO	37	8	45	41	4	45
THREE AND ABOVE	5		5	4	1	5
EQUINE FOR PLOUGHING						
NONE	142944	4406	147350	114724	32090	146814
ONE	1017	302	1319	1181	133	1314
TWO	73	49	122	115	7	122
THREE AND ABOVE	27	13	40	34	6	40

TABLE 44: PLOUGHING ANIMALS BY SEX AND LOCATION OF RESIDENCE

ZONE
MEKELLE

	LOCATION		Total	sex of holder		Total
	rural	urban		male	female	
MULE FOR PLOUGHING						
NONE		653	653	409	29	438
ONE						
TWO						
THREE AND ABOVE						
CAMEL FOR PLOUGHING						
NONE		653	653	409	29	438
ONE						
TWO						
THREE AND ABOVE						
EQUINE FOR PLOUGHING						
NONE		653	653	409	29	438
ONE						
TWO						
THREE AND ABOVE						

TABLE 45. CATTLE AND OTHER LIVESTOCK OWNERSHIP

ZONE
SOUTHERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
total donkey group				
none	56885	5432	59739	122056
one	3052	855	31833	35740
two	806	207	14587	15600
three	187	49	5167	5403
four and above	92	16	3041	3149
total horse				
none	60948	6538	112969	180455
one	45	13	861	919
two	23	4	318	345
three and above	6	4	226	236
total mule				
none	60952	6541	111432	178925
one	43	16	2190	2249
two	19	1	500	520
three and above	8	1	252	261
male camel group				
none	60976	6552	112378	179906
one	17	2	458	477
two	14	2	426	442
three and above	15	3	1112	1130

TABLE 45. CATTLE AND OTHER LIVESTOCK OWNERSHIP

ZONE
EASTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
total donkey group				
none	40449	5048	50637	96134
one	1943	760	17656	20359
two	552	199	6949	7700
three	109	25	1849	1983
four and above	56	13	861	930
total horse				
none	43040	6034	77573	126647
one	59	9	292	360
two	10	2	75	87
three and above			15	15
total mule				
none	43010	6019	76512	125541
one	72	18	932	1022
two	18	6	312	336
three and above	9	2	200	211
male camel group				
none	43093	6041	77845	126979
one	9	2	68	79
two	7	2	29	38
three and above			14	14

TABLE 45. CATTLE AND OTHER LIVESTOCK OWNERSHIP

ZONE
CENTRAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
total donkey group				
none	48564	6705	105792	161061
one	1906	681	29195	31782
two	570	189	11673	12432
three	206	57	4560	4823
four and above	84	28	2091	2203
total horse				
none	51309	7647	152849	211805
one	18	13	344	375
two	2		96	98
three and above	1		22	23
total mule				
none	51255	7631	151945	210831
one	70	29	1290	1389
two	5		64	69
three and above			12	12
male camel group				
none	51262	7640	151762	210664
one	58	19	1414	1491
two	10	1	116	127
three and above			19	19

TABLE 45. CATTLE AND OTHER LIVESTOCK OWNERSHIP

ZONE
WESTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
total donkey group				
none	23536	3655	71024	98215
one	2150	459	32786	35395
two	1047	113	8768	9928
three	88	23	3126	3237
four and above	132	8	1913	2053
total horse				
none	26942	4254	116805	148001
one	10	2	516	528
two	1	2	198	201
three and above			101	101
total mule				
none	26928	4256	116115	147299
one	22	2	1378	1402
two	2		107	109
three and above	1		20	21
male camel group				
none	26799	4241	116277	147317
one	52	7	973	1032
two	92	8	324	424
three and above	10	2	46	58

TABLE 45. CATTLE AND OTHER LIVESTOCK OWNERSHIP

ZONE
MEKELLE

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
total donkey group				
none	42	22	371	435
one	5	2	141	148
two	11	2	44	57
three	5	1	4	10
four and above		1	2	3
total horse				
none	53	27	546	626
one	7	1	14	22
two	3		1	4
three and above			1	1
total mule				
none	54	27	550	631
one	9	1	12	22
two				
three and above				
male camel group				
none	63	28	562	653
one				
two				
three and above				

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
SOUTHERN

	total donkey group			
	0	1	2	3
total horse				
none	121683	35283	15260	5243
one	256	289	200	90
two	82	97	82	43
three and above	38	71	58	27
total mule				
none	121605	34709	14796	5066
one	359	707	560	282
two	57	230	148	36
three and above	38	94	96	19
male camel group				
none	120968	35322	15335	5272
one	239	135	44	27
two	222	92	60	36
three and above	630	191	161	68
EQUINE_G				
NONE	121256			
ONE	577	34286		
TWO	142	963	14504	
THREE AND ABOVE	84	491	1096	5403

(continued)

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
SOUTHERN

	total donkey group	Total
	4	
total horse		
none	2982	180451
one	84	919
two	41	345
three and above	42	236
total mule		
none	2746	178922
one	340	2248
two	49	520
three and above	14	261
male camel group		
none	3005	179902
one	32	477
two	32	442
three and above	80	1130
EQUINE_G		
NONE		121256
ONE		34863
TWO		15609
THREE AND ABOVE	3149	10223

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
EASTERN

	total donkey group			
	0	1	2	3
total horse				
none	95908	20217	7639	1964
one	176	114	49	13
two	44	25	11	4
three and above	6	4	1	2
total mule				
none	95713	19660	7386	1904
one	292	431	204	61
two	95	168	55	8
three and above	35	101	55	10
male camel group				
none	96050	20336	7691	1972
one	54	13	4	7
two	25	7	3	2
three and above	6	4	2	2
EQUINE_G				
NONE	95501			
ONE	443	19526		
TWO	144	532	7333	
THREE AND ABOVE	46	302	367	1983

(continued)

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
EASTERN

	total donkey group	Total
	4	
total horse		
none	917	126645
one	8	360
two	3	87
three and above	2	15
total mule		
none	876	125539
one	34	1022
two	10	336
three and above	10	211
male camel group		
none	928	126977
one	1	79
two	1	38
three and above		14
EQUINE_G		
NONE		95501
ONE		19969
TWO		8009
THREE AND ABOVE	930	3628

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
CENTRAL

	total donkey group			
	0	1	2	3
total horse				
none	160842	31628	12361	4801
one	156	129	50	20
two	52	21	18	1
three and above	12	4	3	1
total mule				
none	160378	31413	12189	4719
one	643	359	228	95
two	37	7	12	7
three and above	4	3	3	2
male camel group				
none	160117	31383	12232	4762
one	856	365	186	56
two	77	30	12	4
three and above	12	4	2	1
EQUINE_G				
NONE	160164			
ONE	788	31266		
TWO	93	475	12120	
THREE AND ABOVE	17	41	312	4823

(continued)

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
CENTRAL

	total donkey group	Total
	4	
total horse		
none	2174	211806
one	20	375
two	6	98
three and above	3	23
total mule		
none	2133	210832
one	64	1389
two	6	69
three and above		12
male camel group		
none	2171	210665
one	28	1491
two	4	127
three and above		19
EQUINE_G		
NONE		160164
ONE		32054
TWO		12688
THREE AND ABOVE	2203	7396

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
WESTERN

	total donkey group			
	0	1	2	3
total horse				
none	97954	35094	9749	3185
one	170	191	111	31
two	65	69	44	12
three and above	26	41	24	9
total mule				
none	97914	34771	9574	3105
one	270	595	313	121
two	21	25	36	10
three and above	10	4	5	1
male camel group				
none	97548	34885	9750	3139
one	402	399	119	79
two	227	102	54	17
three and above	38	9	5	2
EQUINE_G				
NONE	97704			
ONE	373	34543		
TWO	84	694	9443	
THREE AND ABOVE	54	158	485	3237

(continued)

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
WESTERN

	total donkey group	Total
	4	
total horse		
none	2016	147998
one	25	528
two	11	201
three and above	1	101
total mule		
none	1932	147296
one	103	1402
two	17	109
three and above	1	21
male camel group		
none	1992	147314
one	33	1032
two	24	424
three and above	4	58
EQUINE_G		
NONE		97704
ONE		34916
TWO		10221
THREE AND ABOVE	2053	5987

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
MEKELLE

	total donkey group			
	0	1	2	3
total horse				
none	415	144	55	10
one	16	4	2	
two	4			
three and above				
total mule				
none	418	145	55	10
one	17	3	2	
two				
three and above				
male camel group				
none	435	148	57	10
one				
two				
three and above				
EQUINE_G				
NONE	401			
ONE	27	143		
TWO	7	3	53	
THREE AND ABOVE		2	4	10

(continued)

TABLE 46. DONKEY AND OTHER LIVESTOCK OWNERSHIP

ZONE
MEKELLE

	total donkey group	Total
	4	
total horse		
none	2	626
one		22
two		4
three and above	1	1
total mule		
none	3	631
one		22
two		
three and above		
male camel group		
none	3	653
one		
two		
three and above		
EQUINE_G		
NONE		401
ONE		170
TWO		63
THREE AND ABOVE	3	19

TABLE 47. PLOUGHING CATTLE AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
SOUTHERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
donkey for ploughing group				
none	60936	6532	113443	180911
one	61	21	769	851
two	19	6	140	165
three and above	6		22	28
HORSE FOR PLOUGHING				
NONE	61012	6557	114329	181898
ONE	8		27	35
TWO	2	2	14	18
THREE AND ABOVE			4	4
MULE FOR PLOUGHING				
NONE	60997	6558	113898	181453
ONE	17	1	291	309
TWO	6		155	161
THREE AND ABOVE	2		30	32
CAMEL FOR PLOUGHING				
NONE	61018	6557	114334	181909
ONE	3	1	17	21
TWO		1	5	6
THREE AND ABOVE	1		18	19

TABLE 47. PLOUGHING CATTLE AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
EASTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
donkey for ploughing group				
none	43072	6035	77555	126662
one	31	7	305	343
two	5	3	81	89
three and above	1		15	16
HORSE FOR PLOUGHING				
NONE	43100	6042	77938	127080
ONE	8	3	17	28
TWO	1		1	2
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	43100	6041	77752	126893
ONE	5	4	88	97
TWO	3		86	89
THREE AND ABOVE	1		30	31
CAMEL FOR PLOUGHING				
NONE	43107	6045	77955	127107
ONE				
TWO	2		1	3
THREE AND ABOVE				

TABLE 47. PLOUGHING CATTLE AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
CENTRAL

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
donkey for ploughing group				
none	51313	7650	152817	211780
one	14	9	438	461
two	2	1	51	54
three and above	1		5	6
HORSE FOR PLOUGHING				
NONE	51330	7660	153307	212297
ONE			3	3
TWO			1	1
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	51330	7660	153294	212284
ONE			17	17
TWO				
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	51327	7659	153265	212251
ONE	2	1	39	42
TWO			5	5
THREE AND ABOVE	1		2	3

TABLE 47. PLOUGHING CATTLE AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
WESTERN

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
donkey for ploughing group				
none	26095	4203	117070	147368
one	788	53	465	1306
two	58	1	59	118
three and above	12	1	26	39
HORSE FOR PLOUGHING				
NONE	26953	4258	117610	148821
ONE			8	8
TWO			2	2
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	26953	4258	117610	148821
ONE			8	8
TWO			2	2
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	26847	4246	117283	148376
ONE	94	11	300	405
TWO	10	1	34	45
THREE AND ABOVE	2		3	5

TABLE 47. PLOUGHING CATTLE AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
MEKELLE

	total cattle group			Total
	no cattle	one cattle	two or more cattle	
donkey for ploughing group				
none	63	28	562	653
one				
two				
three and above				
HORSE FOR PLOUGHING				
NONE	63	28	562	653
ONE				
TWO				
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	63	28	562	653
ONE				
TWO				
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	63	28	562	653
ONE				
TWO				
THREE AND ABOVE				

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
SOUTHERN

	donkey for ploughing group			
	none	one	two	three and above
HORSE FOR PLOUGHING				
NONE	180858	850	165	28
ONE	34	1		
TWO	18			
THREE AND ABOVE	4			
MULE FOR PLOUGHING				
NONE	180443	832	153	28
ONE	286	14	9	
TWO	153	5	3	
THREE AND ABOVE	32			
CAMEL FOR PLOUGHING				
NONE	180871	850	164	27
ONE	19	1	1	
TWO	6			
THREE AND ABOVE	18			1

(continued)

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
SOUTHERN

	Total
HORSE FOR PLOUGHING	
NONE	181901
ONE	35
TWO	18
THREE AND ABOVE	4
MULE FOR PLOUGHING	
NONE	181456
ONE	309
TWO	161
THREE AND ABOVE	32
CAMEL FOR PLOUGHING	
NONE	181912
ONE	21
TWO	6
THREE AND ABOVE	19

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
EASTERN

	donkey for ploughing group			
	none	one	two	three and above
HORSE FOR PLOUGHING				
NONE	126634	343	89	16
ONE	28			
TWO	2			
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	126461	333	85	16
ONE	85	8	4	
TWO	88	1		
THREE AND ABOVE	30	1		
CAMEL FOR PLOUGHING				
NONE	126661	343	89	16
ONE				
TWO	3			
THREE AND ABOVE				

(continued)

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
EASTERN

	Total
HORSE FOR PLOUGHING	
NONE	127082
ONE	28
TWO	2
THREE AND ABOVE	
MULE FOR PLOUGHING	
NONE	126895
ONE	97
TWO	89
THREE AND ABOVE	31
CAMEL FOR PLOUGHING	
NONE	127109
ONE	
TWO	3
THREE AND ABOVE	

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
CENTRAL

	donkey for ploughing group			
	none	one	two	three and above
HORSE FOR PLOUGHING				
NONE	211778	460	54	6
ONE	2	1		
TWO	1			
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	211765	460	54	6
ONE	16	1		
TWO				
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	211731	461	54	6
ONE	42			
TWO	5			
THREE AND ABOVE	3			

(continued)

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
CENTRAL

	Total			
HORSE FOR PLOUGHING				
NONE	212298			
ONE	3			
TWO	1			
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	212285			
ONE	17			
TWO				
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	212252			
ONE	42			
TWO	5			
THREE AND ABOVE	3			
TWO				
THREE AND ABOVE				

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
WESTERN

	Total donkey for ploughing group			
	none	one	two	three and above
HORSE FOR PLOUGHING				
NONE	147358	1306	118	39
ONE	8			
TWO	2			
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	147360	1305	117	39
ONE	6	1	1	
TWO	2			
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	146959	1272	111	34
ONE	366	30	5	4
TWO	39	3	2	1
THREE AND ABOVE	4	1		

(continued)

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
WESTERN

	Total
HORSE FOR PLOUGHING	
NONE	148821
ONE	8
TWO	2
THREE AND ABOVE	
MULE FOR PLOUGHING	
NONE	148821
ONE	8
TWO	2
THREE AND ABOVE	
CAMEL FOR PLOUGHING	
NONE	148376
ONE	405
TWO	45
THREE AND ABOVE	5

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
MEKELLE

	donkey for ploughing group			
	none	one	two	three and above
HORSE FOR PLOUGHING				
NONE AND ABOVE	653			
ONE				
TWO				
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE AND ABOVE	653			
ONE				
TWO				
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE AND ABOVE	653			
ONE				
TWO				
THREE AND ABOVE				

(continued)

TABLE 48. PLOUGHING DONKEY AND OTHER PLOUGHING LIVESTOCK OWNERSHIP

ZONE
MEKELLE

	Total	Year since 2000		
		2001-02	2002-03	2003-04
HORSE FOR PLOUGHING				
NONE	653			
ONE				
TWO				
THREE AND ABOVE				
MULE FOR PLOUGHING				
NONE	653			
ONE				
TWO				
THREE AND ABOVE				
CAMEL FOR PLOUGHING				
NONE	653			
ONE				
TWO				
THREE AND ABOVE				

TABLE 49. PLOUGHING EQUIPMENT OWNERSHIP

ZONE
SOUTHERN

	Total	Year since 2000		
		2001-02	2002-03	2003-04
HORSE FOR PLOUGHING				
NONE	1111			
ONE	842			
TWO	107			
THREE AND ABOVE	176			
MULE FOR PLOUGHING				
NONE	1111			
ONE	101			
TWO	88			
THREE AND ABOVE	128			
CAMEL FOR PLOUGHING				
NONE	1111			
ONE				
TWO				
THREE AND ABOVE				

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
SOUTHERN

	farm size group			
	none	0.01-1	1.01-2	2.01-3
EQUINE_G				
NONE	13747	19794	33738	23032
ONE	1733	1937	7782	7412
TWO	490	687	3581	3499
THREE AND ABOVE	183	312	2194	2378
Total	16153	22730	47295	36321
EQUINE FOR PLOUGHING				
NONE	16052	22685	47043	36051
ONE	75	38	189	214
TWO	21	7	47	45
THREE AND ABOVE	5		17	11
Total	16153	22730	47296	36321

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
SOUTHERN

	farm size group			
	3.01-4	4.01-6	6.01-8	8.01-10
EQUINE_G				
NONE	11152	13396	3053	1594
ONE	5629	7096	1602	692
TWO	2373	3357	835	416
THREE AND ABOVE	1784	2155	608	309
Total	20938	26004	6098	3011
EQUINE FOR PLOUGHING				
NONE	20708	25570	5962	2960
ONE	161	303	95	35
TWO	57	114	32	13
THREE AND ABOVE	13	21	10	3
Total	20939	26008	6099	3011

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
SOUTHERN

	farm size group			Total
	10.01-20	20.01-40	40.01 and above	
EQUINE_G				
NONE	1659	85	6	121256
ONE	918	60	2	34863
TWO	341	27	3	15609
THREE AND ABOVE	277	21	2	10223
Total	3195	193	13	181951
EQUINE FOR PLOUGHING				
NONE	3161	191	13	180396
ONE	25	2		1137
TWO	5			341
THREE AND ABOVE	4			84
Total	3195	193	13	181958

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
EASTERN

	farm size group			
	none	0.01-1	1.01-2	2.01-3
EQUINE_G				
NONE	8460	27763	32740	16717
ONE	1497	2805	6233	4306
TWO	343	984	2516	1983
THREE AND ABOVE	151	292	914	931
Total	10451	31844	42403	23937
EQUINE FOR PLOUGHING				
NONE	10420	31786	42200	23779
ONE	19	52	148	111
TWO	10	6	52	38
THREE AND ABOVE	2		6	10
Total	10451	31844	42406	23938

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
EASTERN

	farm size group			
	3.01-4	4.01-6	6.01-8	8.01-10
EQUINE_G				
NONE	5851	3309	454	151
ONE	2221	2137	549	167
TWO	1127	784	179	73
THREE AND ABOVE	597	499	148	67
Total	9796	6729	1330	458
EQUINE FOR PLOUGHING				
NONE	9724	6660	1280	427
ONE	46	46	15	6
TWO	17	13	28	19
THREE AND ABOVE	9	11	7	6
Total	9796	6730	1330	458

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
EASTERN

	farm size group			Total
	10.01-20	20.01-40	40.01 and above	
EQUINE_G				
NONE	45	9	1	95500
ONE	48	5	1	19969
TWO	17	2	1	8009
THREE AND ABOVE	28		1	3628
Total	138	16	4	127106
EQUINE FOR PLOUGHING				
NONE	134	16	4	126430
ONE	3			446
TWO				183
THREE AND ABOVE	1			52
Total	138	16	4	127111

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
CENTRAL

	farm size group			
	none	0.01-1	1.01-2	2.01-3
EQUINE_G				
NONE	12822	25127	46518	32303
ONE	1055	1827	6431	7073
TWO	280	565	2284	2824
THREE AND ABOVE	108	243	1161	1659
Total	14265	27762	56394	43859
EQUINE FOR PLOUGHING				
NONE	14250	27747	56342	43781
ONE	15	14	42	67
TWO		1	9	10
THREE AND ABOVE			1	1
Total	14265	27762	56394	43859

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
CENTRAL

	farm size group			
	3.01-4	4.01-6	6.01-8	8.01-10
EQUINE_G				
NONE	21678	15584	4446	1083
ONE	6332	6152	2111	671
TWO	2928	2582	777	287
THREE AND ABOVE	1799	1687	518	141
Total	32737	26005	7852	2182
EQUINE FOR PLOUGHING				
NONE	32628	25899	7791	2122
ONE	87	92	57	59
TWO	20	12	4	1
THREE AND ABOVE	2	2		
Total	32737	26005	7852	2182

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
CENTRAL

	farm size group			Total
	10.01-20	20.01-40	40.01 and above	
EQUINE_G				
NONE	557	32	14	160164
ONE	391	6	5	32054
TWO	155	5	1	12688
THREE AND ABOVE	78	1	1	7396
Total	1181	44	21	212302
EQUINE FOR PLOUGHING				
NONE	1137	44	21	211762
ONE	44			477
TWO				57
THREE AND ABOVE				6
Total	1181	44	21	212302

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
WESTERN

	farm size group			
	none	0.01-1	1.01-2	2.01-3
EQUINE_G				
NONE	14473	6285	15791	10917
ONE	3455	964	3077	2924
TWO	736	188	785	921
THREE AND ABOVE	246	89	408	497
Total	18910	7526	20061	15259
EQUINE FOR PLOUGHING				
NONE	18633	7505	20025	15188
ONE	247	18	32	67
TWO	23	2	4	3
THREE AND ABOVE	8	1		1
Total	18911	7526	20061	15259

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
WESTERN

	farm size group			
	3.01-4	4.01-6	6.01-8	8.01-10
EQUINE_G				
NONE	16583	14451	9300	5391
ONE	5115	5922	5358	3492
TWO	1367	1701	1755	1001
THREE AND ABOVE	848	1248	897	630
Total	23913	23322	17310	10514
EQUINE FOR PLOUGHING				
NONE	23781	23177	16996	10479
ONE	119	121	295	33
TWO	11	21	11	2
THREE AND ABOVE	2	3	9	1
Total	23913	23322	17311	10515

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
WESTERN

	farm size group			Total
	10.01-20	20.01-40	40.01 and above	
EQUINE_G				
NONE	3794	480	239	97704
ONE	3904	618	87	34916
TWO	1573	146	48	10221
THREE AND ABOVE	1020	79	25	5987
Total	10291	1323	399	148828
EQUINE FOR PLOUGHING				
NONE	9939	1262	365	147350
ONE	316	49	22	1319
TWO	32	6	7	122
THREE AND ABOVE	4	6	5	40
Total	10291	1323	399	148831

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
MEKELLE

	farm size group			
	none	0.01-1	1.01-2	2.01-3
EQUINE_G				
NONE	400			
ONE	166	2	1	
TWO	63			
THREE AND ABOVE	19			
Total	648	2	1	
EQUINE FOR PLOUGHING				
NONE	648	2	1	
ONE				
TWO				
THREE AND ABOVE				
Total	648	2	1	

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
MEKELLE

	farm size group			
	3.01-4	4.01-6	6.01-8	8.01-10
EQUINE_G				
NONE		1		
ONE	1			
TWO				
THREE AND ABOVE				
Total	1	1		
EQUINE FOR PLOUGHING				
NONE	1	1		
ONE				
TWO				
THREE AND ABOVE				
Total	1	1		

(continued)

TABLE 49. PLOUGHING EQUINE BY FARM OWNERSHIP

ZONE
MEKELLE

	farm size group			Total
	10.01-20	20.01-40	40.01 and above	
EQUINE_G				
NONE				401
ONE				170
TWO				63
THREE AND ABOVE				19
Total				653
EQUINE FOR PLOUGHING				
NONE				653
ONE				
TWO				
THREE AND ABOVE				
Total				653

Appendix 1. FORMULAS

$$1) \text{ Growth rate} = \left(\frac{\text{Total population (1990)} - \text{Total population (1989)}}{\text{Total population (1989)}} \right) \times 100\%$$

$$\text{Total population (1989)} = \text{Total population (1990)} - \text{Born} + \text{Dead} + \text{Slaughtered}$$

$$2) \text{ Off take rate} = \left(\frac{\text{dead} + \text{slaughtered} + \text{sold}}{\text{Total population}} \right) \times 100\%$$

$$3) \text{ Crude birth rate} = \frac{\text{No of births}}{\text{Total population}} \times 1000$$

$$4) \text{ Crude death rate} = \frac{\text{No of deaths}}{\text{Total population}} \times 1000$$

$$5) \text{ Selling rate} = \frac{\text{No of sold}}{\text{Total population}} \times 100\%$$

$$6) \text{ Slaughtering rate} = \frac{\text{No of Slaughtered}}{\text{Total population}} \times 100\%$$

$$7) \text{ Purchasing rate} = \frac{\text{No of purchased}}{\text{Total population}} \times 100\%$$

$$8) \text{ General fertility rate} = \frac{\text{No of Births}}{\text{female population of bearing age}} \times 100\%$$

Maturity age

Cattle	≥ 4 years
Sheep	≥ 10 Months
Goat	≥ 1 year
Donkey	≥ 4 years
Mule	≥ 4 years
Horse	≥ 4 years

$$9) \text{ Total fertility rate} = \sum_{i=k_1}^{k_2} \left(\frac{B_i}{P_i} \times 1000 \right)$$

k_1 = Beginning of maturity for giving birth
 k_2 = End of maturity for giving birth
 B_i = Total births at age i
 P_i = Total population at age i