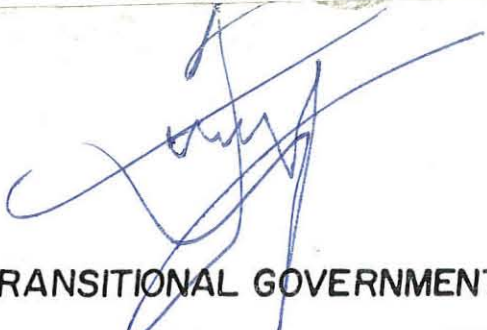
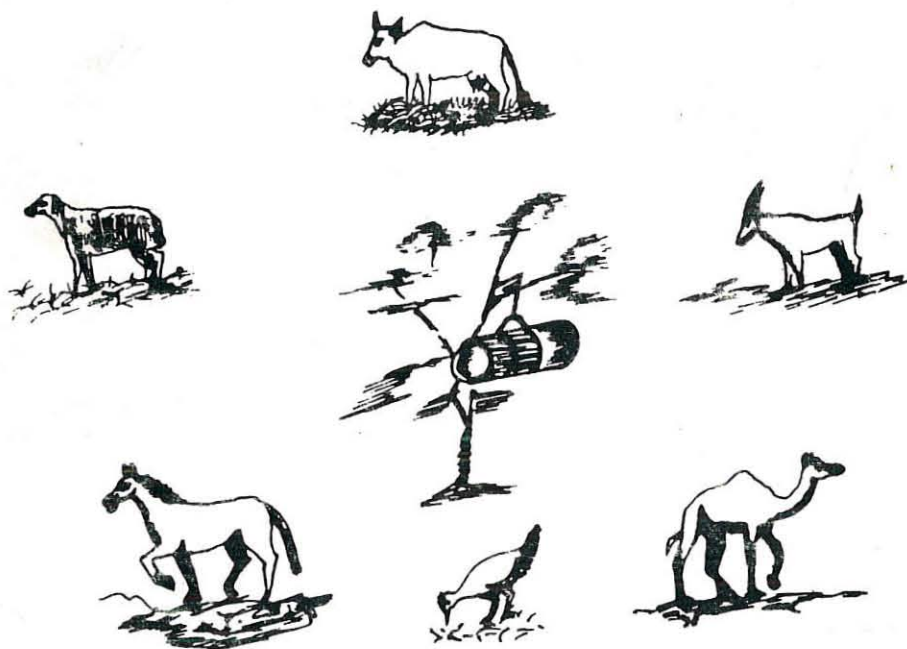



TRANSITIONAL GOVERNMENT OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

AGRICULTURAL SAMPLE SURVEY

1990/91 (1983 E.C.)
REPORT ON
LIVESTOCK, POULTRY & BEEHIVES POPULATION
(PRIVATE, CO-OPERATIVE AND STATE FARMS)



ADDIS ABABA
JUNE, 1993

TRANSITIONAL GOVERNMENT OF ETHIOPIA

CENTRAL STATISTICAL AUTHORITY

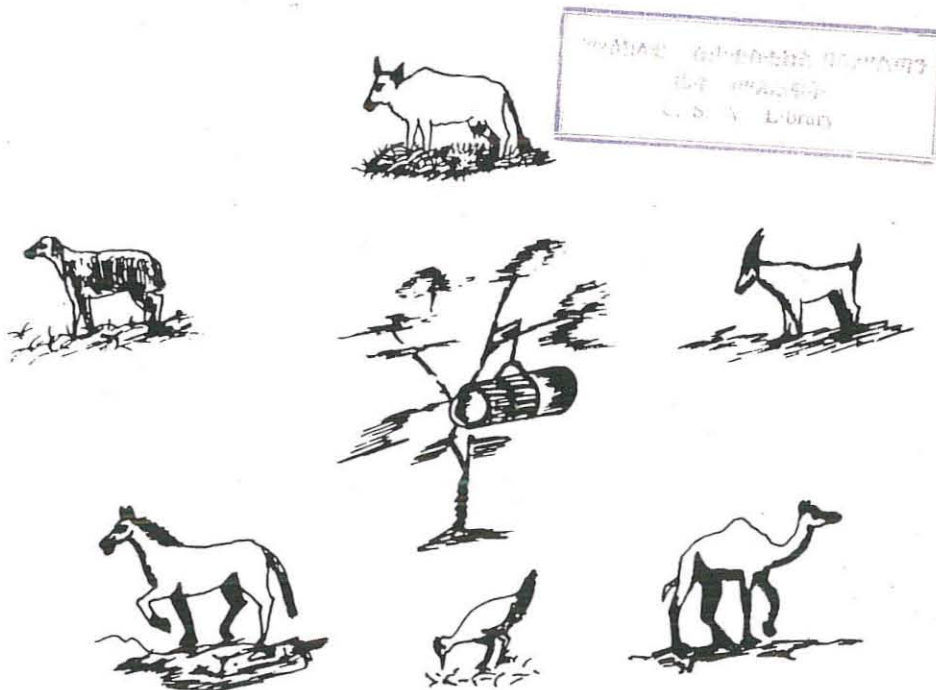
AGRICULTURAL SAMPLE SURVEY

1990/91 (1983 E.C.)

REPORT ON

LIVESTOCK, POULTRY & BEEHIVES POPULATION

(PRIVATE, CO-OPERATIVE AND STATE FARMS)



ADDIS ABABA
JUNE , 1993

24/11/93
C.2

REPUBLIC OF ETHIOPIA

AGRICULTURAL SAMPLE SURVEY

STATISTICAL BUREAU

ADDIS ABABA

1993



PREPARED AND PRINTED BY
CENTRAL STATISTICAL AUTHORITY
P.O.BOX 1143 ADDIS ABABA
Tel. 55-30-11

TABLE OF CONTENTS

	Page
List of Tables.....	II
List of Figures.....	IV
List of Annex Tables.....	V
1. Introduction.....	1
2. Objective.....	1
3. Coverage.....	1
4. Methods of Data Collection.....	2
5. Summary of the Results.....	2
5.1 Livestock, Poultry and Beehives.....	2
5.2 Distribution of Livestock, Poultry and Beehives by Region in the Private Holdings...	8
5.2.1 Cattle.....	8
5.2.2 Sheep.....	9
5.2.3 Goats.....	10
5.2.4 Draught Animals.....	11
5.2.5 Poultry.....	15
5.2.6 Beehives.....	16
5.3 Age Group and Breed.....	17
5.3.1 Age Group.....	17
5.3.2 Breed.....	19
6. Milk Yield, Lactation Period and Percentage of Milk Converted to Butter.....	19
7. Utilization of Livestock and Draught Animals Aged Two Years and Over and Poultry.....	20
7.1 Cattle.....	20
7.2 Sheep and Goats.....	24
7.3 Draught Animals.....	26
7.4 Poultry.....	26
8. Annex	29-109
9. References.....	110

LIST OF TABLES

	page
Table 1. Number and Percentage Distribution of LIVESTOCK, POULTRY and BEEHIVES Population by Type and sex for Private Holdings, National* 1990/91 (1983 E.C.).....	3
Table 2. Percentage Change of LIVESTOCK, POULTRY and BEEHIVES Population in 1989/90 and 1990/91 by Type for Private Holdings, National*.....	6
Table 3. Number and Percentage Distribution of Livestock and Poultry Population by Type and Sex, for STATE FARMS, National, 1990/91 (1983 E.C.).....	7
Table 4. Number and Percentage Distribution of CATTLE by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	8
Table 5. Number and Percentage Distribution of SHEEP by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	9
Table 6. Number and Percentage Distribution of GOATS by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	10
Table 7. Number and Percentage Distribution of HORSES by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	11
Table 8. Number and Percentage Distribution of ASSES by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	12
Table 9. Number and Percentage Distribution of MULES by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	13
Table 10. Number and Percentage Distribution of CAMELS by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	14
Table 11. Number and Percentage Distribution of POULTRY by Sex and Region for Private Holdings, 1990/91 (1983 E.C.).....	15
Table 12. Number and Percentage Distribution of BEEHIVES by Type and Region for Private Holdings, 1990/91 (1983 E.C.).....	16
Table 13. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age for Private Holdings, National* 1990/91 (1983 E.C.).....	17
Table 14. Number and Percentage Distribution of HORSES and ASSES by Sex and Age for Private Holdings, National* 1990/91 (1983 E.C.).....	18
Table 15. Number and Percentage Distribution of CAMELS by Sex and Age for Private Holdings, National* 1990/91 (1983 E.C.).....	18

Table 16. Number and Percentage Distribution of CATTLE, SHEEP and GOATS Aged Two Years and Over by Breed Type for Private Holdings, National* 1990/91 (1983 E.C.).....	19
Table 17. Average Milk Yield per Indigenous Cow, Lactation Period and Percentage of Milk Used for Butter by Region for Private Holdings, 1990/91 (1983 E.C.).....	20
Table 18. Number and Percentage Distribution of CATTLE Aged Two Years and Over by Purpose for Private Holdings, National* 1990/91 (1983 E.C.).....	21
Table 19. Number and Percentage Distribution of CATTLE Aged Two Years and Over by Purpose and Region for Private Holdings, 1990/91 (1983 E.C.).....	23
Table 20. Number and Percentage Distribution of SHEEP and GOATS Aged Two Years and Over by Purpose for Private Holdings, National* 1990/91 (1983 E.C.)...	24
Table 21. Number and Percentage Distribution of SHEEP and GOATS Aged Two Years and Over by Purpose and Region for Private Holdings, 1990/91 (1983 E.C.)..	25
Table 22. Number and Percentage Distribution of DRAUGHT ANIMALS for Draught purposes by Type for Private Holdings, National* 1990/91 (1983 E.C.).....	26
Table 23. Number and Percentage Distribution of POULTRY by Sex and Purpose for Private Holdings, National* 1990/91 (1983 E.C.).....	27

*Excluding Eritrea, Tigray, Asab and Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

LIST OF FIGURES

	Page
Fig 1. Percentage Distribution of Livestock, Private Holdings, 1990/91 (1983 E.C.).....	4
Fig 2. Percentage Distribution of Livestock by Sex, Private Holdings, 1990/91 (1983 E.C.)....	5
Fig 3. Cattle Aged Two Years and Over by Purpose, Private Holdings, 1990/91 (1983 E.C.).....	22

List of Annex Tables

Table Number	<u>ARSI</u>	Page
1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	29
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	29
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	30
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	30
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	31
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	31
 <u>BALE</u> 		
1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	32
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	32
3.	Number and Percentage Distribution of Camels by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	33
4.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	33
5.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	34
6.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	34
7.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	35

Table Number

Page

NORTH OMO

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	36
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	36
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	37
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	37
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	38
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	38

SOUTH OMO

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	39
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	39
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	40
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	40
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	41
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	41

EAST GOJAM

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	42
----	--	----

Table Number		Page
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	42
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	43
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	43
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	44
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	44

WEST GOJAM

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	45
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	45
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	46
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	46
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	47
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	47

METEKEL

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	48
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	48
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	49

Table Number		Page
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	49
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	50
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	50

NORTH GONDER

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	51
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	51
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	52
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	52
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	53
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	53

SOUTH GONDER

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	54
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	54
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	55
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	55
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	56

Table Number

Page

6. Number and Percentage Distribution of Poultry
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 56

DIRE DAWA

1. Number and Percentage Distribution of Cattle,
Sheep and Goats by Sex and Age, Private
Holdings, 1990/91 (1983 E.C.)..... 57
2. Number and Percentage Distribution of Horses
and Asses by Sex and Age, Private Holdings,
1990/91 (1983 E.C.)..... 57
3. Number and Percentage Distribution of Camels
by Sex and Age, Private Holdings,
1990/91 (1983 E.C.)..... 58
4. Cattle Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 58
5. Sheep Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 59
6. Goat Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 59
7. Number and Percentage Distribution of Poultry
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 60

EAST HARERGE

1. Number and Percentage Distribution of Cattle,
Sheep and Goats by Sex and Age, Private
Holdings, 1990/91 (1983 E.C.)..... 61
2. Number and Percentage Distribution of Horses
and Asses by Sex and Age, Private Holdings,
1990/91 (1983 E.C.)..... 61
3. Number and Percentage Distribution of Camels
by Sex and Age, Private Holdings,
1990/91 (1983 E.C.)..... 62
4. Cattle Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 62
5. Sheep Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 63
6. Goat Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)..... 63

Table Number		Page
--------------	--	------

7.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	64
----	--	----

WEST HARERGE

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	65
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	65
3.	Number and Percentage Distribution of CAMELS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	66
4.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	66
5.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	67
6.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	67
7.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	68

GAMBELA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	69
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	69
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	70
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	70
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	71
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	71

Table Number

Page

ILUBABOR

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	72
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	72
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	73
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	73
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	74
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	74

KEFA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	75
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	75
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	76
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	76
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	77
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	77

ADDIS ABABA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	78
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	78

Table Number		Page
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	79
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	79
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	80
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	80

EAST SHEWA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	81
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	81
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	82
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	82
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	83
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	83

NORTH SHEWA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	84
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	84
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	85
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	85

Table Number		Page
--------------	--	------

5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	86
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	86

SOUTH SHEWA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	87
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	87
3.	Number and Percentage Distribution of Camels by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	88
4.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	88
5.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	89
6.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	89

WEST SHEWA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	90
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	90
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	91
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	91
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	92

Table Number		Page
--------------	--	------

- | | | |
|----|--|----|
| 6. | Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 92 |
|----|--|----|

BORENA

- | | | |
|----|--|----|
| 1. | Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)..... | 93 |
| 2. | Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)..... | 93 |
| 3. | Number and Percentage Distribution of Camels by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)..... | 94 |
| 4. | Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 94 |
| 5. | Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 95 |
| 6. | Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 95 |
| 7. | Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 96 |

SIDAMO

- | | | |
|----|--|----|
| 1. | Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)..... | 97 |
| 2. | Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)..... | 97 |
| 3. | Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 98 |
| 4. | Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 98 |
| 5. | Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 99 |
| 6. | Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.)..... | 99 |

Table Number

Page

ASOSA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	100
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	100
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	101
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	101
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	102
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	102

WELEGA

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	103
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	103
3.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	104
4.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	104
5.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	105
6.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	105

SOUTH WOLO

1.	Number and Percentage Distribution of Cattle, Sheep and Goats by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	106
2.	Number and Percentage Distribution of Horses and Asses by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	106

Table Number		Page
3.	Number and Percentage Distribution of Camels by Sex and Age, Private Holdings, 1990/91 (1983 E.C.).....	107
4.	Cattle Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	107
5.	Sheep Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	108
6.	Goat Population Aged Two Years and Over by Breed, Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	108
7.	Number and Percentage Distribution of Poultry by Sex and Purpose, Private Holdings, 1990/91 (1983 E.C.).....	109

1. INTRODUCTION

In Ethiopia, agriculture is the dominant feature of the economy. Livestock and Poultry production, hence, is a major component of this sector of the economy. Similar to crop production, livestock and poultry production contribute quite significant amount to the livelihood of the rural population in terms of the daily food consumption and supplementary cash income of the farmers. On the other hand, live animals, meat, hides and skin play important role in the country's foreign currency earnings as export items next to coffee.

This publication contains data on livestock, poultry and beehives population for 1990/91 (1983 E.C.) obtained through Annual Agricultural Sample Survey conducted by Central Statistical Authority in 1990/91.

2. OBJECTIVE

The objective of the above mentioned survey was to obtain basic statistical information which is needed in decision making and formulation of efficient economic policies for the country. The survey was designed to produce reliable estimates at national level and relatively rough estimates for the regions in the country.

3. COVERAGE

The 1990/91 Agricultural Sample Survey was launched in 24 Administrative and one Autonomous Regions excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic areas.

Out of 864 sampled Farmers' Associations (FAS) the information was collected from 696 FAS. The population of the survey were private peasant holdings, co-operatives and state farms. Regarding producers' cooperatives, the number of cooperatives covered in the survey decreased tremendously comparing to the previous years. Thus, the data were collected only from 120 co-operatives out of 4000 in the country. This was due to the peasants decision to dismantle producers' co-operatives immediately after the announcement of mixed economy in 1990.

4. METHODS OF DATA COLLECTION

The method used to collect the data from private peasant holdings was by interviewing the sampled holders. The reference period for enumerating livestock and poultry population was January First of 1991 for the survey conducted in 1990/91.

In each selected Farmers' Association, a fresh list of all households was prepared and then agricultural households were identified from the list of the households. From this list, 25 agricultural households were selected using systematic random sampling. Thus, information related to livestock, poultry and beehives was collected by interviewing the sampled holders within the selected households. In the case of co-operatives, information was gathered by interviewing the executive committee members.

Furthermore, to collect information on the state farms relevant questionnaires were sent to each state farm. However, due to different reasons the data could not be made available on time. Hence, in 1990/91 (1983 E.C.) information related to livestock and poultry was obtained from the Ministry of State Farms.

5. SUMMARY OF THE RESULTS

5.1. Livestock, Poultry and Beehives

The estimate of livestock population of all holdings (private, co-operatives and state farms) in Ethiopia excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and nomadic areas was 39 million heads in 1990/91 (1983 E.C.).

As it is mentioned above, compared to the previous years, it was only 3 percent of the producers' cooperatives that existed in 1990/91 (1983 E.C.) and from these producers' cooperatives, the number of cattle and sheep reported were only 320. According to the Ministry of State Farms Development, as shown in Table 3 the reported number of livestock in the state farms was 11 thousand heads in 1990/91 (1983 E.C.). Of these total, the result of this survey shows that the private peasant sector has a share of over 99 percent in the total livestock population.

Table 1 presents the estimated population of livestock, poultry and beehives in the private peasant holdings. As indicated in this Table, cattle population accounts for 56.83 percent of the total livestock while sheep and goats accounts for about 22.75 and 13.01 percent, respectively. The remaining are draught animals. Poultry population which includes only cocks, cockerels, hens, pullets and chicks was estimated to be 16.82 million heads. As all chicks were considered as males, the ratio of male to female poultry was 140:100.

Table 1. Number and Percentage distribution of LIVESTOCK, POULTRY and BEEHIVES population by type and sex, for Private Holdings, National* 1990/91 (1983 E.C.)

Type	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Cattle	9613.02	24.57	12624.18	32.26	22237.20	56.83
Sheep	2519.61	6.44	6381.95	16.31	8901.56	22.75
Goats	1623.54	4.15	3467.48	8.86	5090.97	13.01
Horses	505.94	1.29	487.43	1.25	993.37	2.54
Asses	721.89	1.84	996.81	2.55	1718.70	4.39
Camels	28.77	0.07	13.70	0.04	42.47	0.11
Mules	65.30	0.17	77.63	0.20	142.93	0.37
Pigs	-	-	-	-	-	-
Total	15078.07	38.53	24049.18	61.47	39127.20	100.00
Poultry	9830.14	58.43	6992.69	41.57	16822.83	100.00
Beehives	-	-	-	-	3287.82	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

**Percentage Distribution of Livestock,
Private Holdings-1990/91(1983 E.C.)**

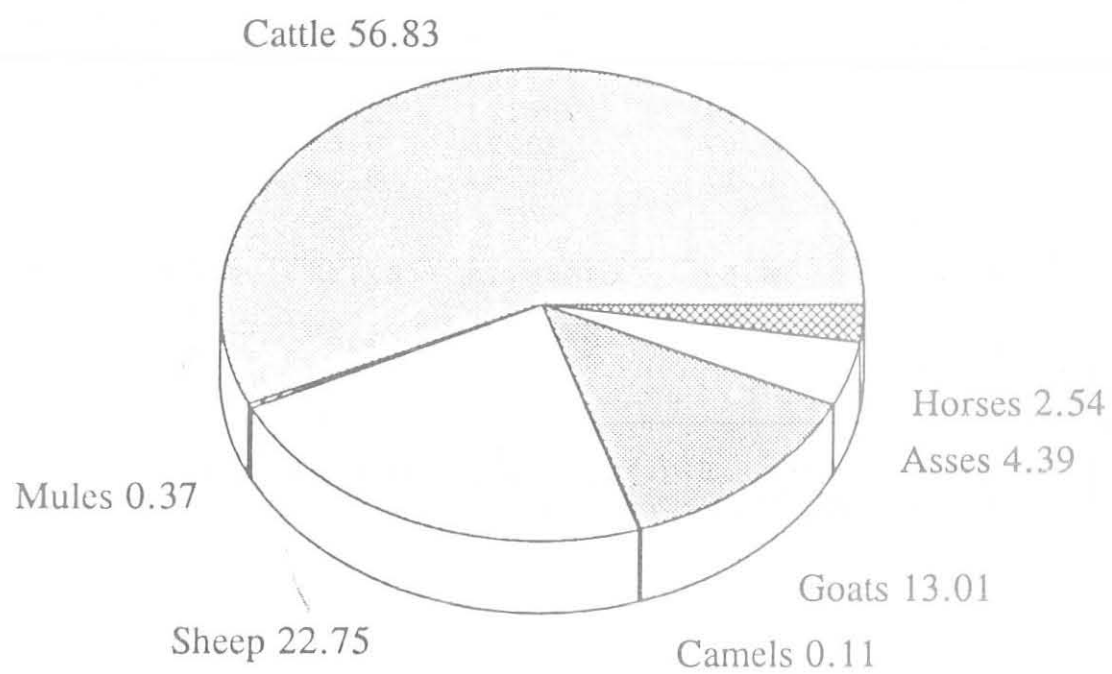


Fig. 1

Percentage Distribution of Livestock by Sex, Private Holdings-1990/91(1983 E.C.)

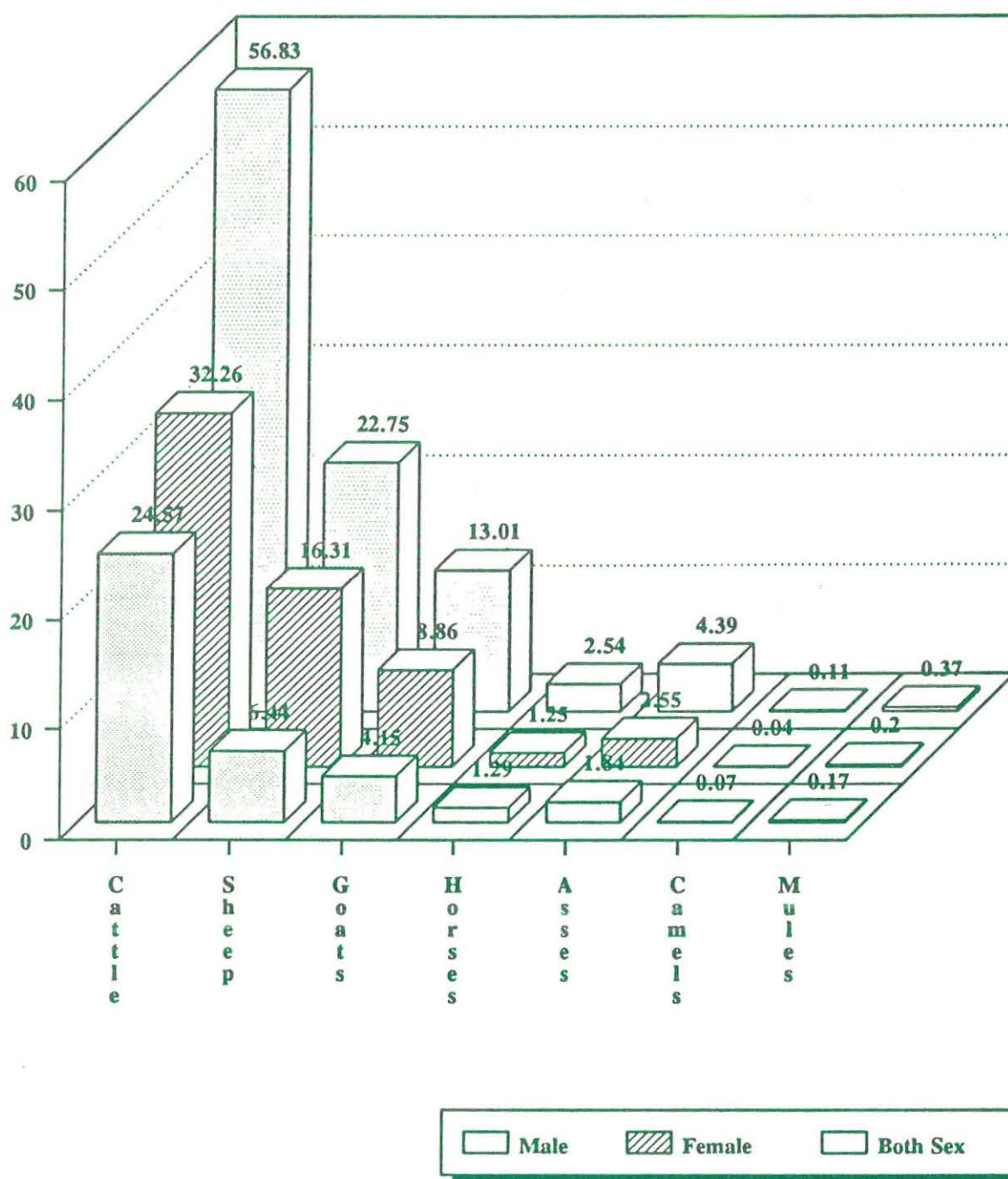


Fig. 2

Table 2 presents the percentage change of livestock, poultry and beehives population of the private holdings in 1990/91 as compared to 1989/90. The result indicates on the average, an increase of 343 thousand heads in 1990/91. One may observe a decrease in goats, horses, mules and pigs population and an increase in cattle, sheep, asses and a substantial increase of camels in 1990/91 as compared to previous year. The number of poultry and beehives have showed decreases by 16.69 percent and 0.81 percent in 1990/91, respectively.

Table 2. Percentage Change of LIVESTOCK, POULTRY and BEEHIVES Population in 1989/90 and 1990/91 by Type for Private Holdings, National*

TYPE	Number in Thousands		
	1989/90 1982 (E.C.)	1990/91 1983 (E.C.)	Percentage Change During the Last 12 Months
Cattle	21806.50	22237.20	+1.98
Sheep	8549.21	8901.56	+4.12
Goats	5468.32	5091.02	-6.91
Horses	1048.11	993.37	-5.22
Asses	1706.14	1718.70	+0.74
Camels	31.38	42.47	+35.34
Mules	174.04	142.93	-17.87
Pigs	0.38	-	-100.00
Total	38783.73	39127.20	+0.89
Poultry	20193.45	16822.83	-16.69
Beehives	3314.69	3287.82	-0.81

*Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

Table 3 presents the estimated population of livestock and poultry obtained from the Ministry of State Farms Development. It is observed that the first and second positions were held by sheep and pigs in the livestock population.

Table 3. Number and Percentage Distribution of Livestock and Poultry, Population by Type and Sex for
STATE FARMS, National, 1990/91 (1983 E.C.)

Type	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Cattle	0.22	1.89	3.09	27.14	3.31	29.03
Sheep	1.38	12.09	2.96	26.04	4.34	38.13
Pigs	2.16	19.01	1.58	13.83	3.74	32.84
Total	3.76	32.99	7.63	67.01	11.39	100.00
Poultry	0.30	0.06	429.44	99.94	492.74	100.00

Source: Ministry of State Farms Development

5.2. Distribution of Livestock, Poultry and Beehives by Region in the Private Holdings.

5.2.1. Cattle

As shown in Table 4 cattle population was the highest in South Shewa which is 2.28 million heads or 10.27 percent followed by West Shewa 2.07 million heads or 9.32 percent and Sidamo 2.05 million heads or 9.21 percent. On the other hand, the lowest was in Gambela 0.10 percent followed by South Omo 0.18 percent and Dire Dawa 0.23 percent.

Table 4. Number and Percentage Distribution of CATTLE by Sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	830.39	3.73	1102.36	4.96	1932.75	8.69
Bale	383.60	1.72	591.33	2.66	974.93	4.38
North Omo	468.99	2.11	712.96	3.21	1181.94	5.31
South Omo	20.61	0.09	19.25	0.09	39.87	0.18
East Gojam	513.60	2.31	446.97	2.01	960.56	4.32
West Gojam	557.03	2.50	539.74	2.43	1096.77	4.93
Metekel	79.18	0.36	92.92	0.42	172.10	0.77
North Gonder	241.76	1.09	239.83	1.08	481.59	2.17
South Gonder	288.52	1.30	316.06	1.42	604.58	2.72
Dire Dawa	17.90	0.08	33.16	0.15	51.06	0.23
East Harerge	351.06	1.58	533.64	2.40	884.70	3.98
West Harerge	295.34	1.33	360.83	1.62	656.17	2.95
Gambela	9.80	0.04	11.93	0.05	21.73	0.10
Ilubabor	657.21	2.96	700.83	3.15	1358.04	6.11
Kefa	196.99	0.89	205.89	0.93	402.88	1.81
Addis Ababa	177.70	0.80	182.72	0.82	360.42	1.62
East Shewa	236.44	1.06	163.19	0.73	399.63	1.81
North Shewa	668.24	3.00	610.10	2.74	1278.34	5.75
South Shewa	911.61	4.10	1373.35	6.17	2284.96	10.27
West Shewa	819.26	3.68	1253.33	5.64	2072.60	9.32
Borena	198.27	0.89	395.86	1.78	594.13	2.67
Sidamo	514.47	2.31	1533.83	6.90	2048.30	9.21
Asosa	48.11	0.22	65.33	0.29	113.44	0.51
Welega	490.76	2.21	568.93	2.56	1059.69	4.77
South Wolo	636.18	2.86	569.84	2.56	1206.02	5.42
All Regions	9613.02	43.23	12624.18	56.77	22237.20	100.00

5.2.2. Sheep

Sheep population was the highest in South Wolo which is 17.84 percent followed by North Shewa 16.28 percent and Arsi 12.81 percent. While sheep population was the lowest in Gambela 0.10 percent followed by Metekel 0.11 percent and South Omo 0.30 percent, as it is shown in Table 5.

Table 5. Number and Percentage Distribution of SHEEP by sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	301.19	3.38	838.79	9.42	1139.98 ✓	12.81
Bale	84.90	0.95	186.58	2.10	271.48 ✓	3.05
North Omo	87.29	0.98	282.16	3.17	369.45	4.15
South Omo	6.22	0.07	20.45	0.23	26.67	0.30
East Gojam	113.15	1.27	355.13	3.99	468.28	5.26
West Gojam	88.37	0.99	362.03	4.07	450.40	5.06
Metekel	3.68	0.04	5.98	0.07	9.66	0.11
North Gonder	4.68	0.05	36.20	0.41	40.88	0.46
South Gonder	56.11	0.63	187.37	2.10	243.48	2.74
Dire Dawa	14.48	0.16	29.97	0.34	44.45	0.50
East Harerge	72.98	0.82	145.53	1.63	218.51	2.45
West Harerge	38.34	0.43	81.39	0.91	119.73	1.34
Gambela	2.73	0.03	6.54	0.07	9.27	0.10
Ilubabor	117.86	1.32	324.66	3.65	442.52	4.97
Kefa	45.77	0.51	106.18	1.19	151.95 ✓	1.71
Addis Ababa	28.89	0.33	85.62	0.96	114.51	1.29
East Shewa	22.80	0.26	51.81	0.58	74.61	0.84
North Shewa	437.48	4.92	1011.55	11.36	1449.03	16.28
South Shewa	107.07	1.20	245.66	2.76	352.73	3.96
West Shewa	129.92	1.46	378.20	4.25	508.12 ✓	5.71
Borena	28.30	0.32	71.35	0.80	99.65	1.12
Sidamo	78.86	0.90	299.13	3.36	377.99	4.25
Asosa	16.49	0.19	47.18	0.53	63.67	0.71
Welega	76.21	0.86	190.06	2.14	266.27	2.99
South Wolo	555.84	6.24	1032.43	11.60	1588.27	17.84
All Regions	2519.61	28.31	6381.95	71.69	8901.56	100.00

5.2.3. Goats

Table 6 shows that the goat population was the highest in South Shewa, 10.82 percent followed by South Wolo 10.65 percent and East Harerge 8.78 percent. The lowest goat population was reported in Asosa followed by South Omo and Gambela.

Table 6. Number and Percentage Distribution of GOATS by Sex and Region for Private Holdings, 1999/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	94.03	1.85	181.46	3.56	275.49	5.41
Bale	61.17	1.20	142.63	2.80	203.80	4.00
North Omo	79.06	1.55	168.41	3.31	247.47	4.86
South Omo	3.82	0.08	7.83	0.15	11.65	0.23
East Gojam	69.61	1.37	141.44	2.78	211.05	4.15
West Gojam	33.81	0.66	75.75	1.49	109.56	2.15
Metekel	13.64	0.27	38.68	0.76	52.32	1.03
North Gonder	22.51	0.44	60.53	1.19	83.04	1.63
South Gonder	32.89	0.65	65.15	1.28	98.04	1.93
Dire Dawa	34.89	0.69	76.98	1.51	111.87	2.20
East Harerge	131.76	2.59	315.41	6.20	447.17	8.78
West Harerge	102.66	2.02	199.13	3.91	301.79	5.93
Gambela	5.98	0.12	14.72	0.29	20.70	0.41
Ilubabor	50.47	0.99	141.02	2.77	191.49	3.76
Kefa	23.97	0.47	44.43	0.87	68.40	1.34
Addis Ababa	10.68	0.21	16.13	0.32	26.81	0.53
East Shewa	53.78	1.06	81.04	1.59	134.82	2.65
North Shewa	120.19	2.36	219.09	4.30	339.28	6.66
South Shewa	152.00	2.99	398.82	7.83	550.82	10.82
West Shewa	68.51	1.35	135.12	2.65	203.63	4.00
Borena	105.82	2.08	196.86	3.87	302.68	5.95
Sidamo	125.08	2.46	291.46	5.73	416.54	8.18
Asosa	2.38	0.05	8.82	0.17	11.20	0.22
Welega	42.42	0.83	86.53	1.70	128.95	2.53
South Wolo	182.41	3.58	359.99	7.07	542.40	10.65
All Regions	1623.54	31.89	3467.43	68.11	5090.97	100.00

5.2.4. Draught Animals

Regarding the population of horses, the highest number was reported in Arsi, 206.79 thousand heads or 20.82 percent followed by West Shewa 12.79 percent and west Gojam 10.32 percent as it is shown in Table 7. However, in Metekel, Dire Dawa and Asosa the number of horses that were reported found to be insignificant and they were presented as zeros.

Table 7. Number and Percentage Distribution of HORSES by Sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	100.12	10.08	106.67	10.74	206.79	20.82
Bale	36.31	3.66	26.74	2.69	63.05	6.35
North Omo	18.07	1.82	10.72	1.08	28.79	2.90
South Omo	1.41	0.14	1.25	0.13	2.66	0.27
East Gojam	15.03	1.51	13.58	1.37	28.61	2.88
West Gojam	56.97	5.74	45.56	4.59	102.53	10.32
Metekel	0.00	0.00	0.00	0.00	0.00	0.00
North Gonder	3.29	0.33	2.47	0.25	5.76	0.58
South Gonder	18.22	1.83	9.86	0.99	28.08	2.83
Dire Dawa	0.00	0.00	0.00	0.00	0.00	0.00
East Harerge	0.51	0.05	2.58	0.26	3.09	0.31
West Harerge	0.70	0.07	0.99	0.10	1.69	0.17
Gambela	0.32	0.03	0.08	0.01	0.40	0.04
Ilubabor	18.77	1.89	27.74	2.79	46.51	4.68
Kefa	3.95	0.40	3.31	0.33	7.26	0.73
Addis Ababa	13.98	1.41	7.76	0.78	21.74	2.19
East Shewa	1.54	0.16	0.69	0.07	2.23	0.22
North Shewa	24.67	2.48	39.12	3.94	63.79	6.42
South Shewa	29.33	2.95	32.86	3.31	62.19	6.26
West Shewa	63.85	6.43	63.22	6.36	127.07	12.79
Borena	7.44	0.75	8.03	0.81	15.47	1.56
Sidamo	38.78	3.90	39.85	4.01	78.63	7.92
Asosa	0.00	0.00	0.00	0.00	0.00	0.00
Welega	4.00	0.40	3.80	0.38	7.80	0.78
South Wolo	48.68	4.90	40.55	4.08	89.23	8.98
All Regions	505.94	50.93	487.43	49.07	993.37	100.00

0.00 - Not significant

As shown in Table 8 the highest estimates of asses were reported in North Shewa, 227.06 thousand or 13.21 percent while the lowest were reported in Kefa 0.02 percent.

Table 8. Number and Percentage Distribution of ASSES by Sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	61.27	3.56	82.12	4.78	143.39	8.34
Bale	30.60	1.78	38.26	2.23	68.86	4.01
North Omo	14.23	0.83	8.61	0.50	22.84	1.33
South Omo	0.92	0.05	0.08	0.00	1.00	0.06
East Gojam	35.62	2.07	88.22	5.13	123.84	7.21
West Gojam	32.49	1.89	53.64	3.12	86.13	5.01
Metekel	5.09	0.30	7.04	0.41	12.13	0.71
North Gonder	15.41	0.90	43.40	2.53	58.81	3.42
South Gonder	13.75	0.80	37.47	2.18	51.22	2.98
Dire Dawa	3.91	0.23	3.89	0.23	7.80	0.45
East Harerge	75.79	4.41	51.39	3.00	127.18	7.41
West Harerge	37.25	2.17	40.60	2.36	77.85	4.53
Gambela	0.45	0.03	0.08	0.00	0.53	0.03
Ilubabor	13.80	0.80	9.71	0.56	23.51	1.37
Kefa	0.42	0.02	0.00	0.00	0.42	0.02
Addis Ababa	24.29	1.41	26.47	1.54	50.76	2.95
East Shewa	40.46	2.35	58.83	3.42	99.29	5.77
North Shewa	76.30	4.44	150.76	8.77	227.06	13.21
South Shewa	72.15	4.20	86.45	5.03	158.60	9.23
West Shewa	32.26	1.88	38.06	2.21	70.32	4.09
Borena	11.15	0.65	9.66	0.56	20.81	1.21
Sidamo	37.38	2.17	32.93	1.92	70.31	4.09
Asosa	2.57	0.15	7.05	0.41	9.62	0.56
Welega	16.47	0.96	29.53	1.72	46.00	2.68
South Wolo	67.86	3.95	92.56	5.39	160.42	9.33
All Regions	721.89	42.00	996.81	58.00	1718.70	100.00

0.00 - Not significant

The highest mule population was reported in South Wolo, 20.66 thousand or 14.45 percent and the lowest was in Dire Dawa, 0.02 percent as it is presented in Table 9.

Table 9. Number and Percentage Distribution of MULES by Sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	5.17	3.62	3.70	2.59	8.87	6.21
Bale	5.09	3.56	3.69	2.58	8.78	6.14
North Omo	4.75	3.32	2.19	1.53	6.94	4.85
South Omo	0.31	0.22	0.36	0.25	0.67	0.47
East Gojam	1.68	1.17	1.44	1.01	3.12	2.18
West Gojam	4.19	2.93	5.73	4.01	9.92	6.94
Metekel	0.00	0.00	0.26	0.18	0.26	0.18
North Gonder	0.00	0.00	2.20	1.54	2.20	1.54
South Gonder	4.89	3.42	4.70	3.29	9.59	6.71
Dire Dawa	0.03	0.02	0.00	0.00	0.03	0.02
East Harerge	0.00	0.00	0.26	0.18	0.26	0.18
West Harerge	0.20	0.14	0.16	0.11	0.36	0.25
Gambela	0.00	0.00	0.16	0.11	0.16	0.11
Ilubabor	3.04	2.13	9.46	6.62	12.50	8.75
Kefa	0.64	0.45	1.93	1.35	2.57	1.80
Addis Ababa	0.67	0.47	1.14	0.80	1.81	1.27
East Shewa	2.32	1.62	0.38	0.27	2.70	1.89
North Shewa	2.16	1.51	5.17	3.62	7.33	5.13
South Shewa	6.94	4.86	9.52	6.66	16.46	11.52
West Shewa	4.22	2.95	4.99	3.49	9.21	6.44
Borena	0.97	0.68	1.27	0.89	2.24	1.57
Sidamo	4.77	3.34	5.09	3.56	9.86	6.90
Asosa	0.12	0.08	0.12	0.08	0.24	0.17
Welega	2.41	1.69	3.78	2.64	6.19	4.33
South Wolo	10.73	7.51	9.93	6.95	20.66	14.45
All Regions	65.30	45.69	77.63	54.31	142.93	100.00

0.00 - Not significant

As it is presented in Table 10, among 25 administrative regions only 6 administrative regions reported camels. The total number of estimated camels were around 42.47 thousand heads in the survey areas. Of these, the highest number was reported in South Wolo, 10.10 thousand heads of camels or 23.78 percent followed by Dire Dawa which is 9.22 thousand heads or 21.71 percent.

Table 10. Number and Percentage Distribution of CAMELS by Sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	-	-	-	-	-	-
Bale	1.12	2.64	0.08	0.19	1.20	2.83
North Omo	-	-	-	-	-	-
South Omo	-	-	-	-	-	-
East Gojam	-	-	-	-	-	-
West Gojam	-	-	-	-	-	-
Metekel	-	-	-	-	-	-
North Gonder	-	-	-	-	-	-
South Gonder	-	-	-	-	-	-
Dire Dawa	5.15	12.13	4.07	9.58	9.22	21.71
East Harerge	5.71	13.44	2.45	5.77	8.16	19.21
West Harerge	2.29	5.39	4.65	10.95	6.94	16.34
Gambela	-	-	-	-	-	-
Ilubabor	-	-	-	-	-	-
Kefa	-	-	-	-	-	-
Addis Ababa	-	-	-	-	-	-
East Shewa	-	-	-	-	-	-
North Shewa	-	-	-	-	-	-
South Shewa	-	-	-	-	-	-
West Shewa	-	-	-	-	-	-
Borena	4.40	10.36	2.45	5.77	6.85	16.13
Sidamo	-	-	-	-	-	-
Asosa	-	-	-	-	-	-
Welega	-	-	-	-	-	-
South Wolo	10.10	23.78	0.00	0.00	10.10	23.78
All Regions	28.77	67.74	13.70	32.26	42.47	100.00

0.00 - Not significant

- - Not reported

5.2.5. Poultry

The highest poultry population, as shown in Table 11, was reported in South Wolo 2006.37 thousand or 12.00 percent followed by South Shewa 1581.05 thousand or 9.40 percent. The poultry population was the lowest in Dire Dawa 0.33 percent followed by South Omo 0.39 percent.

Table 11. Number and Percentage Distribution of POULTRY by Sex and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	MALE		FEMALE		BOTH SEX	
	Number	Percent	Number	Percent	Number	Percent
Arsi	367.37	2.18	316.64	1.88	684.01	4.06
Bale	121.80	0.72	128.84	0.77	250.64	1.49
North Omo	443.60	2.64	408.00	2.43	851.60	5.06
South Omo	34.71	0.21	31.19	0.19	65.90	0.39
East Gojam	242.12	1.44	215.56	1.28	457.68	2.72
West Gojam	642.86	3.82	357.31	2.12	1000.17	5.95
Metekel	117.52	0.70	51.59	0.31	169.11	1.01
North Gonder	358.02	2.13	152.17	0.90	510.19	3.03
South Gonder	373.93	2.22	164.08	0.98	538.01	3.20
Dire Dawa	27.47	0.16	28.49	0.17	55.96	0.33
East Harerge	526.40	3.13	458.21	2.72	984.61	5.85
West Harerge	327.64	1.95	292.29	1.74	619.93	3.69
Gambela	54.17	0.32	39.33	0.23	93.50	0.56
Ilubabor	847.97	5.04	486.99	2.89	1334.96	7.93
Kefa	442.63	2.63	327.08	1.94	769.71	4.58
Addis Ababa	100.57	0.60	71.21	0.42	171.78	1.02
East Shewa	189.14	1.12	155.52	0.92	344.66	2.05
North Shewa	516.46	3.07	537.60	3.20	1054.06	6.27
South Shewa	952.55	5.66	628.50	3.74	1581.05	9.40
West Shewa	419.07	2.49	335.47	1.99	754.54	4.48
Borena	115.39	0.69	88.39	0.53	203.78	1.21
Sidamo	537.99	3.20	447.37	2.66	985.36	5.86
Asosa	147.83	0.88	71.59	0.43	219.42	1.30
Welega	724.65	4.31	391.18	2.33	1115.83	6.63
South Wolo	1198.28	7.12	808.09	4.80	2006.37	11.93
All Regions	9830.14	58.43	6992.69	41.57	16822.83	100.00

5.2.6. Beehives

As it is provided in Table 12, the number and percentage distribution of both traditional and modern beehives are presented. 98.91 percent of the total beehives in the private holdings were found to be the traditional type.

Regarding the regional distribution of beehives, the first, second and third positions were held by Ilubabor 27.31 percent, Welega 12.28 percent and Kefa 9.36 percent, respectively. The lowest number of beehives were reported in Dire Dawa and East Shewa.

Table 12. Number and Percentage Distribution of BEEHIVES by Type and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands					
	TRADITIONAL		MODERN		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Arsi	73.07	2.22	0.18	0.01	73.25	2.23
Bale	99.89	3.04	0.90	0.03	100.79	3.07
North Omo	111.53	3.39	0.00	0.00	111.53	3.39
South Omo	18.66	0.57	0.00	0.00	18.66	0.57
East Gojam	91.48	2.78	1.19	0.04	92.67	2.82
West Gojam	129.70	3.94	13.09	0.40	142.79	4.34
Metekel	43.05	1.31	0.59	0.02	43.64	1.33
North Gonder	56.06	1.71	0.00	0.00	56.06	1.71
South Gonder	59.85	1.82	0.00	0.00	59.85	1.82
Dire Dawa	1.88	0.06	0.33	0.01	2.21	0.07
East Harerge	67.47	2.05	0.83	0.03	68.30	2.08
West Harerge	55.07	1.67	0.00	0.00	55.07	1.67
Gambela	7.13	0.22	0.16	0.00	7.29	0.22
Ilubabor	895.75	27.24	2.25	0.07	898.00	27.31
Kefa	304.59	9.26	3.10	0.09	307.69	9.36
Addis Ababa	8.44	0.26	0.49	0.01	8.93	0.27
East Shewa	2.92	0.09	0.37	0.01	3.29	0.10
North Shewa	70.31	2.14	0.00	0.00	70.31	2.14
South Shewa	154.67	4.70	1.94	0.06	156.51	4.76
West Shewa	194.85	5.93	8.99	0.27	203.84	6.20
Borena	44.15	1.34	0.00	0.00	44.15	1.34
Sidamo	179.03	5.45	0.00	0.00	179.03	5.45
Asosa	63.32	1.93	0.00	0.00	63.32	1.93
Welega	402.30	12.24	1.38	0.04	403.68	12.28
South Wolo	116.86	3.55	0.00	0.00	116.86	3.55
All Regions	3252.03	98.91	35.79	1.09	3287.82	100.00

0.00 - Not significant

5.3. Age Group and Breed

5.3.1. Age Group

The percentage distribution of livestock population by age and sex are presented in Tables 13 to 15. As shown in Table 13, 69.85 percent of the total cattle were found to be in the age group of 2 years and over. Furthermore, the young stocks (i.e. under 1 year of age) were 18.21 percent of the total cattle population. The others were in the 1 and under 2 years age group.

In the case of sheep and goats 52.38 percent and 47.05 percent of the total population were estimated to be in the age group of 2 years and over respectively.

Table 13. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age for Private Holdings, National* 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	9613.02	43.23	2519.61	28.31	1623.54	31.89
Under 1 year	1874.82	8.43	1352.63	15.20	827.70	16.26
1 year & under 2	1276.55	5.74	420.79	4.73	312.85	6.14
2 years and over	6461.65	29.06	746.19	8.38	482.99	9.49
Female Total	12624.18	56.77	6381.95	71.69	3467.43	68.11
Under 1 year	2175.28	9.78	1641.80	18.44	913.28	17.94
1 year & under 2	1385.02	6.23	823.47	9.25	641.93	12.61
2 years and over	9063.88	40.76	3916.68	44.00	1912.22	37.56
Total Animal	22237.20	100.00	8901.56	100.00	5090.97	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

As shown in Table 14, 77.60 percent of horses and 71.00 percent of asses were found to be in the age group of 3 years and over.

Table 14. Number and Percentage Distribution of HORSES and ASSES by Sex and Age for Private Holdings, National*
1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	percent
Male Total	505.94	50.93	721.89	42.00
Under 3 years	113.67	11.44	226.00	13.15
3 years and over	392.27	39.49	495.89	28.85
Female Total	487.43	49.07	996.81	58.00
Under 3 years	108.89	10.96	272.44	15.85
3 years and over	378.54	38.11	724.37	42.15
Total Animal	993.37	100.00	1718.70	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North wolo and Nomadic Areas.

Table 15. Number and Percentage Distribution of CAMELS by Sex and Age for Private Holdings, National*
1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CAMELS	
	Number	Percent
Male Total	28.77	67.74
Under 4 years	3.62	8.52
4 years and over	25.15	59.22
Female Total	13.70	32.25
Under 4 years	3.74	8.81
4 years and over	9.96	23.45
Total Animal	42.47	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

5.3.2. Breed

Table 16 presents data on the number of livestock in the private holdings by breed type. Out of the total cattle herd aged two years and over, 0.17 percent were found to be cross breeds (i.e hybrids). The remaining 99.83 percent accounted for local breeds (i.e indigenous). In the case of sheep and goats the cross breeds accounted for less than 0.40 percent of the total aged two years and over in the private holdings.

Table 16. Number and Percentage Distribution of CATTLE, SHEEP and GOATS Aged Two Years and Over by Breed Type for Private Holdings, National* 1990/91 (1983 E.C.)

Number in Thousands

Breed Type	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Indigenous	15498.03	99.83	4651.53	99.76	2392.97	99.91
Hybrid	27.12	0.17	11.37	0.24	2.17	0.09
Total	15525.15	100.00	4662.90	100.00	2395.14	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

6. Milk Yield, Lactation Period and Percentage of Milk Converted to Butter.

It was attempted to estimate the average milk yield per cow per day at regional level for indigenous breeds in the private sector. As it is shown in Table 17, the highest milk yield per cow per day was reported in Kefa 1.71 litre followed by Borena 1.59 litre. The lowest milk yield was reported in West Gojam i.e. 0.65 litre per cow per day.

The average lactation period of an indigenous cow was also estimated at regional level in the private sector. Hence, the average lactation period at national level was found to be 6.70 months for an indigenous cow. See Table 17 for detail.

It is also attempted to obtain the percentage coefficient of milk that was converted into butter within a year. Thus, the highest proportion of milk that was converted into butter was in Asosa and Welega administrative regions; while the lowest proportion was converted in Dire Dawa autonomous region.

Table 17. Average Milk Yield Per Indigenous Cow, Lactation Period and Percentage of Milk Used for Butter by Region for Private Holdings, 1990/91 (1983 E.C)

Region	Average Milk Yield Per Cow Per Day in Litter	Average Lactation Period in Month	Percentage of Milk Converted into Butter Per Year
Arsi	1.43	6.72	35.50
Bale	1.12	6.72	30.55
North Omo	1.21	6.84	55.65
South Omo	1.09	6.72	33.99
East Gojam	1.25	6.89	47.03
West Gojam	0.65	6.96	41.69
Metekel	1.24	7.10	50.08
North Gonder	1.00	7.55	56.97
South Gonder	0.66	7.47	64.45
Dire Dawa	1.32	6.08	1.49
East Harerge	1.30	6.22	7.03
West Harerge	1.35	6.51	15.46
Gambela	1.52	6.72	55.66
Ilubabor	1.42	6.52	40.04
Kefa	1.71	6.75	34.61
Addis Ababa	1.05	6.29	38.96
East Shewa	1.02	6.72	30.60
North Shewa	1.53	6.52	53.52
South Shewa	0.99	6.77	53.15
West Shewa	0.98	6.30	47.39
Borena	1.59	6.72	36.66
Sidamo	1.45	6.58	54.72
Asosa	1.08	7.01	76.49
Welega	1.13	6.71	68.02
South Wolo	1.47	6.21	53.68
Average	1.22	6.70	43.33

7. Utilization of Livestock and Draught Animals Aged Two Years and Over and Poultry.

7.1 Cattle

In general, the ownership of animals for individual owners is important because of its impact on social status. However, in the peasant holding sector, it is not common to keep cattle, sheep or goats specially for the purpose of

meat production. Hence, the number of these animals that are kept for meat production are very small as compared to animals kept for other purposes.

The number and percentage distribution of milking cows, beef cattle, draught cattle and cattle for other purposes are provided in Table 18 for private holdings at national level.

The number of milking cows were estimated to be around 6.89 million heads or 44.38 percent out of the total cattle herds in the specified age group. The number of draught cattle and beef cattle were 5.44 million heads and 182.54 thousand heads, respectively. However, cattle used as means of transport, breeding or those cattle which were not specified elsewhere which are categorized as cattle used for other purposes accounted for 19.41 percent of the total cattle herds within the same age group.

In addition, the number and percentage distribution of cattle population by breed, sex and purpose is presented in the annex for each administrative region.

Table 18. Number and Percentage Distribution of CATTLE Aged Two Years and Over by Purpose for Private Holdings, National* 1990/91 (1983 E.C.)

Number in Thousands		
Purpose	Number	Percent
Milking Cows	6890.40	44.38
Draught Cattle	5438.50	35.03
Beef Cattle	182.54	1.18
Cattle for Other purposes	3013.71	19.41
Total	15525.15	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

Cattle Aged Two Years and Over by
Purpose, Private Holdings-1990/91(1983)

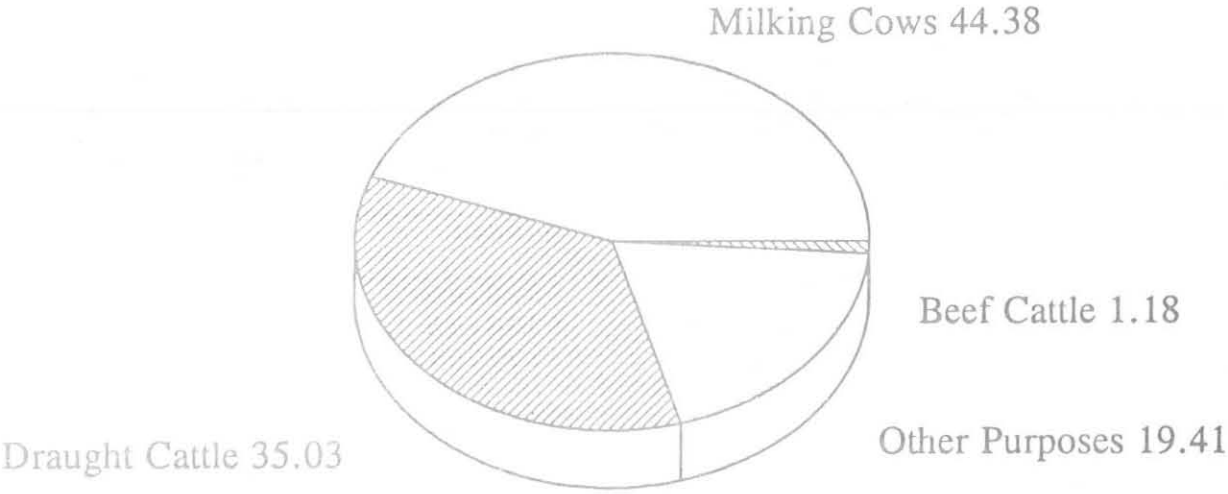


Fig. 3

Table 19 shows regional distribution of cattle aged 2 years and over by purpose in the private peasant holdings. As indicated in this table, the highest number of milking cows were reported in South Shewa which was about 763.05 thousand heads or 11.07 percent and the lowest was reported in Gambela which was 7.21 thousand heads or 0.10 percent. South Shewa was also reported the highest number of draught cattle while Gambela was reported the lowest. Sidamo was first in reporting beef cattle followed by North Omo.

Table 19. Number and Percentage Distribution of CATTLE, Aged Two years and Over by Purpose and Region for Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Region	Milking Cows		Draught Cattle		Beef Cattle		Cattle for Other Purposes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Arsi	607.68	8.82	426.41	7.84	13.93	7.63	298.24	9.90
Bale	332.79	4.83	167.41	3.09	10.65	5.83	138.48	4.60
North Omo	344.63	5.00	248.21	4.56	16.74	9.17	237.35	7.88
South Omo	8.50	0.12	15.85	0.29	0.18	0.10	4.48	0.15
East Gojam	267.81	3.89	360.42	6.63	2.42	1.33	74.88	2.48
West Gojam	309.55	4.49	382.53	7.03	3.47	1.90	129.93	4.31
Metekel	57.63	0.84	54.42	1.00	1.19	0.65	18.83	0.62
North Gonder	140.60	2.04	166.15	3.06	0.86	0.47	44.37	1.47
South Gonder	153.10	2.22	193.84	3.56	2.98	1.63	104.25	3.46
Dire Dawa	16.88	0.24	7.18	0.13	1.59	0.87	5.03	0.17
East Harerge	292.03	4.24	186.69	3.43	14.74	8.07	101.27	3.36
West Harerge	197.17	2.86	184.21	3.39	11.39	6.24	52.29	1.74
Gambela	7.21	0.10	4.36	0.08	0.88	0.48	1.05	0.03
Ilubabor	392.92	5.70	432.46	7.95	8.22	4.50	147.22	4.89
Kefa	112.81	1.64	107.72	1.98	1.89	1.04	45.22	1.50
Addis Ababa	107.14	1.56	113.98	2.10	2.65	1.45	32.16	1.07
East Shewa	86.41	1.25	178.15	3.28	5.70	3.12	30.07	1.00
North Shewa	310.36	4.50	440.35	8.10	13.35	7.31	127.79	4.24
South Shewa	763.05	11.07	479.50	8.82	4.61	2.53	321.61	10.67
West Shewa	697.72	10.13	394.69	7.26	8.42	4.61	315.14	10.46
Borena	217.73	3.16	47.00	0.86	7.87	4.31	121.36	4.03
Sidamo	817.46	11.86	102.47	1.88	39.41	21.59	392.25	13.02
Asosa	34.20	0.50	22.78	0.42	0.60	0.33	14.82	0.49
Welega	314.21	4.56	271.22	4.99	1.32	0.72	153.46	5.09
South Wolo	300.81	4.37	450.50	8.28	7.48	4.10	101.96	3.38
All Regions	6890.40	100.00	5438.50	100.00	182.54	100.00	3013.71	100.00

7.2. Sheep and Goats

According to the survey result, the percentage of sheep and goats that were kept for mutton and meat, in the private peasant holdings were 11.51 and 20.11 percent respectively out of the total sheep and goat in the specified age group. The remaining 88.49 percent for sheep and 79.89 percent for goats were reported to be raised for other purposes as shown in Table 20.

Table 20. Number and Percentage Distribution SHEEP and GOATS Aged Two Years and Over by Purpose for Private Holdings, National* 1990/91 (1983 E.C.)

Number in Thousands

Purpose	SHEEP		GOATS	
	Number	Percent	Number	Percent
For Mutton/Meat	536.93	11.51	481.62	20.11
For Other Purpose	4125.97	88.49	1913.52	79.89
Total	4662.90	100.00	2395.14	100.00

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

Table 21 presents the regional distribution of sheep and goats by purpose. Hence, South Wolo and North Shewa were the first and second in reporting large number of sheep for mutton, respectively. In the case of goats South Shewa and South Wolo held the first and second position in reporting the highest number of goats that were kept for meat. The lowest number of sheep and goats that were kept for mutton/meat were reported in Gambela and Asosa.

Table 21. Number and Percentage Distribution of SHEEP and GOATS, Aged Two Years and Over by Purpose and Region for Private Holdings, 1990/91 (1983 E.C.)

Region	Number in Thousands							
	Sheep for				Goats for			
	Mutton		Other Purposes		Meat		Other Purposes	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Arsi	24.48	4.56	527.63	12.79	16.34	3.39	115.46	6.03
Bale	8.27	1.54	140.54	3.41	6.61	1.37	98.56	5.15
North Omo	15.43	2.87	205.86	4.99	23.95	4.97	124.38	6.50
South Omo	1.45	0.27	14.49	0.35	0.91	0.19	4.94	0.26
East Gojam	9.81	1.83	236.79	5.74	14.24	2.96	84.30	4.41
West Gojam	7.99	1.49	257.53	6.24	3.64	0.76	43.11	2.25
Metekel	0.19	0.04	4.62	0.11	1.19	0.25	18.29	0.96
North Gonder	1.17	0.22	22.88	0.55	2.28	0.47	34.87	1.82
South Gonder	4.45	0.83	134.91	3.27	5.92	1.23	28.63	1.50
Dire Dawa	4.03	0.75	19.30	0.47	8.60	1.79	51.80	2.71
East Harerge	11.46	2.13	95.44	2.31	17.01	3.53	204.53	10.69
West Harerge	9.69	1.80	49.43	1.20	22.64	4.70	130.39	6.81
Gambela	0.10	0.02	3.56	0.09	1.32	0.27	6.01	0.31
Ilubabor	7.39	1.38	235.53	5.71	2.08	0.43	85.20	4.45
Kefa	12.37	2.30	77.90	1.89	5.26	1.09	29.60	1.55
Addis Ababa	8.58	1.60	54.55	1.32	4.24	0.88	5.06	0.26
East Shewa	8.13	1.51	26.63	0.65	23.66	4.91	41.23	2.15
North Shewa	85.46	15.92	725.47	17.58	46.65	9.69	91.97	4.81
South Shewa	52.92	9.86	127.98	3.10	136.88	28.42	133.48	6.98
West Shewa	7.72	1.44	207.30	5.02	15.80	3.28	76.61	4.00
Borena	8.48	1.58	47.18	1.14	24.71	5.13	142.38	7.44
Sidamo	10.58	1.97	195.69	4.74	27.39	5.69	184.66	9.65
Asosa	7.38	1.37	24.59	0.60	0.04	0.01	2.70	0.14
Welega	2.27	0.42	112.22	2.72	5.48	1.14	52.13	2.72
South Wolo	227.13	42.30	577.95	14.01	64.78	13.45	123.23	6.44
All Regions	536.93	100.00	4125.97	100.00	481.62	100.00	1913.52	100.00

7.3. Draught Animals

Table 22 presents the number and percentage distribution of draught animals that were used for draught purposes in the private peasant holdings. Draught purposes means facilitating and participating in agricultural practices such as ploughing, threshing and transporting to and from the farm. Hence, out of the total draught animals 45.47 percent of horses and 52.22 percent of asses accounted for draught purposes, respectively.

Table 22. Number and Percentage Distribution DRAUGHT ANIMALS for Draught Purposes by Type for Private Holdings, National* 1990/91 (1983 E.C.)
Number in Thousands

Type	Number	Percent
Horses	140.51	45.47
Asses	161.36	52.22
Mules	7.03	2.27
Camels	0.11	0.04
Total	309.01	100.00

0.00 - Not significant

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

7.4. Poultry

As mentioned earlier, since all chicks were considered as male, they accounted 70.55 percent of the total male poultry population. The remaining 17.77 percent and 11.68 percent of the male population were found to be cocks and cockerels, respectively. Table 23 also indicates that 48.87 percent of the total female poultry consisted of laying hens and 24.80 percent non-laying hens. The remaining 26.33 percent was estimated to be pullets. Moreover, poultry population by sex and purpose for each administrative region is presented in the annex.

Table 22. Number and Percentage Distribution of POULTRY by Sex and Purpose for Private Holdings, National*
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	Number	Percent
Total Male	9830.14	100.00
Cocks	1746.34	17.77
Cockerels	1148.19	11.68
Chicks	6935.61	70.55
Total Female	6992.69	100.00
Pullets	1841.54	26.33
Laying Hens	3417.03	48.87
Non-Laying Hens	1734.06	24.80

* Excluding Eritrea, Tigray, Asab, Ogaden Autonomous Regions, North Wolo and Nomadic Areas.

ANNEX TABLES

ARSI

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	830.40	42.96	301.20	26.42	94.02	34.13
Under 1 year	170.39	8.82	238.10	20.87	59.09	21.55
1 year & Under 2	98.47	5.09	34.50	3.03	15.29	5.55
2 years & Over	561.54	29.05	28.60	2.51	19.64	7.13
Female Total	1102.36	57.04	838.79	73.58	181.47	65.87
Under 1 year	202.93	10.50	250.63	21.99	53.69	19.49
1 year & Under 2	114.74	5.94	64.65	5.67	15.63	5.67
2 years & Over	784.69	40.60	523.51	45.92	112.15	40.71
Total Animal	1932.76	100.00	1139.99	100.00	275.49	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	100.11	48.41	61.27	42.73
Under 3 years	26.65	12.89	20.76	14.48
3 years & Over	73.46	35.52	40.51	28.25
Female Total	106.67	51.59	82.12	57.27
Under 3 years	29.20	14.12	24.92	17.38
3 years & Over	77.47	37.46	57.20	39.89
Total Animal	206.78	100.00	143.39	100.00

ARSI

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	561.02	100.00	0.52	100.00	561.54	100.00
For Draught	426.41	76.01	-	-	426.41	75.93
For Beef	11.54	2.06	0.52	100.00	12.06	2.15
For Other	123.07	21.93	-	-	123.07	21.92
Female Cattle	781.26	100.00	3.44	100.00	784.70	100.00
For Milk	604.67	77.40	3.01	87.50	607.68	77.44
For Beef	1.43	0.18	0.43	12.50	1.86	0.24
For Other	175.16	22.42	-	-	175.16	22.42

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	28.60	100.00	-	-	28.60	100.00
For Mutton	20.89	73.04	-	-	20.89	73.04
For Other	7.71	26.96	-	-	7.71	26.96
Female Sheep	523.51	100.00	-	-	523.51	100.00
For Mutton	3.59	0.69	-	-	3.59	0.69
For Other	519.92	99.31	-	-	519.92	99.31

ARSI

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	19.65	100.00	-	-	19.65	100.00
For Meat	16.34	83.16	-	-	16.34	83.16
For Other	3.31	16.84	-	-	3.31	16.84
Female Goats	112.15	100.00	-	-	112.15	100.00
For Meat	-	-	-	-	-	-
For Other	112.15	100.00	-	-	112.15	100.00

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	367.37	100.00
Cocks	66.46	18.09
Cockerels	46.16	12.57
Chicks	254.75	69.34
Total Female	316.63	100.00
Pullets	79.57	25.13
Laying hens	170.68	53.91
Non-Laying hens	66.38	20.96

BALE

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and
GOATS by Sex and Age, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	383.60	39.35	84.90	31.27	61.17	30.01
Under 1 year	103.17	10.58	48.60	17.91	35.48	17.41
1 year & Under 2	48.12	4.94	9.99	3.68	9.53	4.67
2 years & Over	232.31	23.83	26.31	9.69	16.16	7.93
Female Total	591.32	60.65	186.58	68.73	142.63	69.99
Under 1 year	116.90	11.99	49.30	18.16	39.68	19.47
1 year & Under 2	57.43	5.89	14.78	5.44	13.95	6.84
2 years & Over	416.99	42.77	122.50	45.13	89.00	43.67
Total Animal	974.92	100.00	271.48	100.00	203.80	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by
Sex and Age, private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	36.31	57.59	30.59	44.44
Under 3 years	9.25	14.67	8.08	11.74
3 years & Over	27.06	42.92	22.51	32.70
Female Total	26.74	42.41	38.25	55.56
Under 3 years	5.67	8.99	9.30	13.51
3 years & Over	21.07	33.42	28.95	42.05
Total Animal	63.05	100.00	68.84	100.00

BALE

Table 3. Number and Percentage Distribution of CAMELS by
Sex and Age, Private holdings,
1990/91 (1983 E.C.)

Sex and Age Group	Number in Thousands	
	Number	Percent
Male Total	1.12	93.33
Under 4 years	0.00	0.00
4 years & Over	1.12	93.33
Female Total	0.08	0.67
Under 4 years	0.08	0.67
4 years & Over	0.00	0.00
Total Camels	1.20	100.00

Table 4. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	232.31	100.00	-	-	232.31	100.00
For Draught	167.41	72.06	-	-	167.41	72.06
For Beef	8.72	3.75	-	-	8.72	3.75
For Other	56.18	24.18	-	-	56.18	24.18
Female Cattle	417.00	100.00	-	-	417.00	100.00
For Milk	332.79	79.81	-	-	332.79	79.81
For Beef	1.92	0.46	-	-	1.92	0.46
For Other	82.29	19.73	-	-	82.29	19.73

BALE

Table 5. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	26.12	100.00	0.19	100.00	26.31	100.00
For Mutton	5.59	21.40	0.19	100.00	5.78	21.97
For Other	20.53	78.60	-	-	20.53	78.03
Female Sheep	122.50	100.00	-	-	122.50	100.00
For Mutton	2.49	2.03	-	-	2.49	2.03
For Other	120.01	97.97	-	-	120.01	97.97

Table 6. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	15.98	100.00	0.19	100.00	16.17	100.00
For Meat	5.32	33.29	0.19	100.00	5.51	34.08
For Other	10.66	66.71	-	-	10.66	65.92
Female Goats	89.00	100.00	-	-	89.00	100.00
For Meat	1.10	1.24	-	-	1.10	1.24
For Other	87.90	98.76	-	-	87.90	98.76

BALE

Table 7. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands		
Sex and Purpose	Number	Percent
Total Male	121.81	100.00
Cocks	28.64	23.51
Cockerels	19.77	16.23
Chicks	73.40	60.26
Total Female	128.84	100.00
Pullets	40.81	31.67
Laying hens	70.02	54.35
Non-Laying hens	18.01	13.98

NORTH OMO

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	468.99	39.68	87.30	23.63	79.07	31.95
Under 1 year	84.55	7.15	32.49	8.79	29.78	12.03
1 year & Under 2	55.12	4.66	16.38	4.43	17.18	6.94
2 years & Over	329.32	27.86	38.43	10.40	32.11	12.97
Female Total	712.96	60.32	282.16	76.37	168.41	68.05
Under 1 year	119.67	10.12	55.49	15.02	31.49	12.72
1 year & Under 2	75.72	6.41	43.80	11.86	20.69	8.36
2 years & Over	517.56	43.79	182.87	49.50	116.23	46.97
Total Animal	1181.95	100.00	369.46	100.00	247.48	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	18.06	62.75	14.23	62.30
Under 3 years	2.88	10.01	2.09	9.15
3 years & Over	15.18	52.74	12.14	53.15
Female Total	10.72	37.25	8.61	37.70
Under 3 years	1.90	6.60	1.62	7.09
3 years & Over	8.82	30.65	6.99	30.60
Total Animal	28.78	100.00	22.84	100.00

NORTH OMO

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands					
	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	329.34	100.00	-	-	329.34	100.00
For Draught	248.21	75.37	-	-	248.21	75.37
For Beef	11.95	3.63	-	-	11.95	3.63
For Other	69.18	21.00	-	-	69.18	21.00
Female Cattle	516.87	100.00	0.70	100.00	517.57	100.00
For Milk	344.63	66.68	-	-	344.63	66.59
For Beef	4.08	0.79	0.70	100.00	4.78	0.92
For Other	168.16	32.53	-	-	168.16	32.49

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	38.21	100.00	0.21	100.00	38.42	100.00
For Mutton	12.58	32.92	0.21	100.00	12.79	33.29
For Other	25.63	67.08	-	-	25.63	66.71
Female Sheep	182.87	100.00	-	-	182.87	100.00
For Mutton	2.64	1.44	-	-	2.64	1.44
For Other	180.23	98.56	-	-	180.23	98.56

NORTH OMO

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	32.10	100.00	-	-	32.10	100.00
For Meat	13.95	43.46	-	-	13.95	43.46
For Other	18.15	56.54	-	-	18.15	56.54
Female Goats	116.23	100.00	-	-	116.23	100.00
For Meat	10.00	8.60	-	-	10.00	8.60
For Other	106.23	91.40	-	-	106.23	91.40

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	443.60	100.00
Cocks	101.85	22.96
Cockerels	71.37	16.09
Chicks	270.38	60.95
Total Female	407.99	100.00
Pullets	112.50	27.57
Laying hens	172.81	42.36
Non-Laying hens	122.68	30.07

SOUTH OMO

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	20.61	51.69	6.21	23.30	3.82	32.79
Under 1 year	1.84	4.61	1.94	7.28	1.83	15.71
1 year & Under 2	2.25	5.64	1.64	6.15	0.61	5.24
2 years & Over	16.52	41.44	2.63	9.87	1.38	11.85
Female Total	19.26	48.31	20.44	76.70	7.83	67.21
Under 1 year	4.36	10.94	3.67	13.77	1.36	11.67
1 year & Under 2	2.43	6.09	3.46	12.98	2.00	17.17
2 years & Over	12.47	31.28	13.31	49.94	4.47	38.37
Total Animal	39.87	100.00	26.65	100.00	11.65	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	1.41	53.01	0.93	92.08
Under 3 years	0.43	16.17	0.08	7.92
3 years & Over	0.98	36.84	0.85	84.16
Female Total	1.25	46.99	0.08	7.92
Under 3 years	0.45	16.92	0.00	0.00
3 years & Over	0.80	30.07	0.08	7.92
Total Animal	2.66	100.00	1.01	100.00

SOUTH OMO

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	16.51	100.00	-	-	16.51	100.00
For Draught	15.85	96.00	-	-	15.85	96.00
For Beef	0.13	0.79	-	-	0.13	0.79
For Other	0.53	3.21	-	-	0.53	3.21
Female Cattle	12.48	100.00	-	-	12.48	100.00
For Milk	8.50	68.11	-	-	8.50	68.11
For Beef	0.04	0.32	-	-	0.04	0.32
For Other	3.94	31.57	-	-	3.94	31.57

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	2.63	100.00	-	-	2.63	100.00
For Mutton	0.87	33.08	-	-	0.87	33.08
For Other	1.76	66.92	-	-	1.76	66.92
Female Sheep	13.31	100.00	-	-	13.31	100.00
For Mutton	0.58	4.36	-	-	0.58	4.36
For Other	12.73	95.64	-	-	12.73	95.64

SOUTH OMO

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	1.38	100.00	-	-	1.38	100.00
For Meat	0.84	60.87	-	-	0.84	60.87
For Other	0.54	39.13	-	-	0.54	39.13
Female Goats	4.47	100.00	-	-	4.47	100.00
For Meat	0.07	1.57	-	-	0.07	1.57
For Other	4.40	98.43	-	-	4.40	98.43

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	34.71	100.00
Cocks	11.00	31.69
Cockerels	4.48	12.91
Chicks	19.23	55.40
Total Female	31.19	100.00
Pullets	5.55	21.00
Laying hens	16.18	51.88
Non-Laying hens	8.64	27.12

EAST GOJAM

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	513.60	53.47	113.15	24.16	69.61	32.98
Under 1 year	65.62	6.83	86.30	18.43	48.10	22.79
1 year & Under 2	60.16	6.26	9.80	2.09	8.54	4.04
2 years & Over	387.82	40.37	17.05	3.64	12.97	6.15
Female Total	446.97	46.53	355.13	75.84	141.44	67.02
Under 1 year	76.42	7.96	94.89	20.27	38.73	18.35
1 year & Under 2	52.84	5.50	30.69	6.55	17.14	8.12
2 years & Over	317.71	33.07	229.55	49.02	85.57	40.05
Total Animal	960.57	100.00	468.28	100.00	211.05	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	15.03	52.53	35.62	28.76
Under 3 years	4.12	14.40	22.77	18.38
3 years & Over	10.91	38.13	12.85	10.38
Female Total	13.58	47.47	88.22	71.24
Under 3 years	2.24	7.83	29.03	23.44
3 years & Over	11.34	39.64	59.19	47.80
Total Animal	28.61	100.00	123.84	100.00

EAST GOJAM

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	387.55	100.00	0.26	100.00	387.81	100.00
For Draught	360.42	93.00	-	-	360.42	92.44
For Beef	0.86	0.22	0.26	100.00	1.12	0.29
For Other	26.27	6.78	-	-	26.27	6.77
Female Cattle	317.34	100.00	0.36	100.00	317.70	100.00
For Milk	267.81	84.39	-	-	267.81	84.30
For Beef	0.93	0.29	0.36	100.00	1.29	0.41
For Other	48.60	15.32	-	-	48.60	15.29

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	17.05	100.00	-	-	17.05	100.00
For Mutton	9.28	54.43	-	-	9.28	54.43
For Other	7.77	45.57	-	-	7.77	45.57
Female Sheep	229.55	100.00	-	-	229.55	100.00
For Mutton	0.53	0.23	-	-	0.53	0.23
For Other	229.02	99.77	-	-	229.02	99.77

EAST GOJAM

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	12.97	100.00	-	-	12.97	100.00
For Meat	8.98	69.24	-	-	8.98	69.24
For Other	3.99	30.67	-	-	3.99	30.76
Female Goats	85.57	100.00	-	-	85.57	100.00
For Meat	5.26	6.15	-	-	5.26	6.15
For Other	80.31	93.85	-	-	80.31	93.85

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	242.12	100.00
Cocks	45.32	18.72
Cockerels	15.81	6.53
Chicks	180.99	74.75
Total Female	215.56	100.00
Pullets	32.70	15.17
Laying hens	150.43	69.79
Non-Laying hens	32.43	15.04

WEST GOJAM

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	557.04	50.79	88.37	19.62	33.81	30.86
Under 1 year	80.49	7.34	70.83	15.73	24.06	21.96
1 year & Under 2	53.11	4.84	11.06	2.45	5.30	4.84
2 years & Over	432.44	38.61	6.48	1.44	4.45	4.05
Female Total	539.74	49.21	362.03	80.38	75.74	69.14
Under 1 year	77.59	7.07	80.89	17.96	23.92	21.84
1 year & Under 2	60.12	5.48	22.10	4.91	9.51	8.68
2 years & Over	402.03	36.65	259.04	57.51	42.31	38.62
Total Animal	1096.78	100.00	450.40	100.00	109.55	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	56.96	55.57	32.49	37.72
Under 3 years	9.15	8.93	15.33	17.80
3 years & Over	47.81	46.64	17.16	19.92
Female Total	45.55	44.43	53.65	62.28
Under 3 years	9.37	9.14	19.62	22.78
3 years & Over	36.18	35.29	34.03	39.50
Total Animal	102.51	100.00	86.14	100.00

WEST GOJAM

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	423.43	100.00	-	-	423.43	100.00
For Draught	382.53	90.34	-	-	382.53	90.34
For Beef	0.29	0.07	-	-	0.29	0.07
For Other	40.61	9.59	-	-	40.61	9.59
Female Cattle	402.03	100.00	-	-	402.03	100.00
For Milk	309.55	77.00	-	-	309.55	77.00
For Beef	3.17	0.79	-	-	3.17	0.79
For Other	89.31	22.21	-	-	89.31	22.21

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	6.48	100.00	-	-	6.48	100.00
For Mutton	5.53	85.34	-	-	5.53	85.34
For Other	0.95	14.66	-	-	0.95	14.66
Female Sheep	259.04	100.00	-	-	259.04	100.00
For Mutton	2.46	0.95	-	-	2.46	0.95
For Other	256.58	99.05	-	-	256.58	99.05

WEST GOJAM

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands					
	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	4.17	100.00	0.27	100.00	4.44	100.00
For Meat	2.94	70.50	0.27	100.00	3.21	72.30
For Other	1.23	29.50	-	-	1.23	27.70
Female Goats	42.31	100.00	-	-	42.31	100.00
For Meat	0.43	1.02	-	-	0.43	1.02
For Other	41.88	98.98	-	-	41.88	98.98

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	642.86	100.00
Cocks	56.60	8.80
Cockerels	43.44	6.76
Chicks	542.82	84.44
Total Female	357.31	100.00
Pullets	88.91	24.88
Laying hens	219.06	61.31
Non-Laying hens	49.34	13.81

METEKEL

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	79.19	46.01	3.68	38.09	13.64	26.07
Under 1 year	11.43	6.64	2.57	26.60	10.99	21.01
1 year & Under 2	6.97	4.05	0.33	3.42	1.53	2.92
2 years & Over	60.79	35.32	0.78	8.07	1.12	2.14
Female Total	92.91	53.99	5.98	61.91	38.68	72.93
Under 1 year	14.19	8.25	1.36	14.08	12.83	24.52
1 year & Under 2	7.46	4.33	0.59	6.11	7.49	14.32
2 years & Over	71.26	41.41	4.03	41.72	18.36	35.09
Total Animal	172.10	100.00	9.66	100.00	52.32	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	-	-	5.08	41.91
Under 3 years	-	-	1.64	13.53
3 years & Over	-	-	3.44	28.38
Female Total	-	-	7.04	58.09
Under 3 years	-	-	2.28	18.81
3 years & Over	-	-	4.76	39.28
Total Animal	-	-	12.12	100.00

METEKEL

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	60.79	100.00	-	-	60.79	100.00
For Draught	54.42	89.52	-	-	54.42	89.52
For Beef	0.23	0.38	-	-	0.23	0.38
For Other	6.14	10.10	-	-	6.14	10.10
Female Cattle	71.11	100.00	0.15	100.00	71.26	100.00
For Milk	57.63	81.04	-	-	57.63	80.87
For Beef	0.80	1.13	0.15	100.00	0.95	1.33
For Other	12.68	17.93	-	-	12.68	17.79

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	0.78	100.00	-	-	0.78	100.00
For Mutton	0.19	24.36	-	-	0.19	24.36
For Other	0.59	75.64	-	-	0.59	75.64
Female Sheep	4.03	100.00	-	-	4.03	100.00
For Mutton	-	-	-	-	-	-
For Other	4.03	100.00	-	-	4.03	100.00

METEKEL

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands					
	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	1.12	100.00	-	-	1.12	100.00
For Meat	1.02	91.07	-	-	1.02	91.07
For Other	0.10	8.93	-	-	0.10	8.93
Female Goats	18.36	100.00	-	-	18.36	100.00
For Meat	0.17	0.93	-	-	0.17	0.93
For Other	18.19	99.07	-	-	18.19	99.07

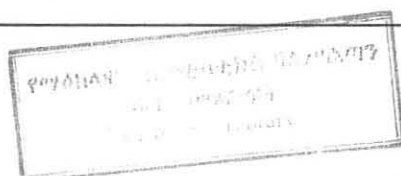


Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	117.52	100.00
Cocks	11.43	9.79
Cockerels	3.86	3.28
Chicks	102.23	86.99
Total Female	51.59	100.00
Pullets	12.75	24.72
Laying hens	31.57	61.19
Non-Laying hens	7.27	14.09

NORTH GONDER

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	241.76	50.20	4.68	11.45	22.51	27.11
Under 1 year	36.80	7.64	3.51	8.59	19.77	23.81
1 year & Under 2	28.33	5.88	0.26	0.64	0.73	0.88
2 years & Over	176.63	36.68	0.91	2.22	2.01	2.42
Female Total	239.83	49.80	36.20	88.55	60.53	72.89
Under 1 year	39.81	8.27	8.34	20.40	20.94	25.22
1 year & Under 2	24.69	5.13	4.72	11.55	4.45	5.36
2 years & Over	175.33	36.40	23.14	56.60	35.14	42.31
Total Animal	481.59	100.00	40.88	100.00	83.04	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	3.29	57.12	15.41	26.20
Under 3 years	0.14	2.43	9.74	16.56
3 years & Over	3.15	54.69	5.67	9.64
Female Total	2.47	42.88	43.40	73.80
Under 3 years	0.66	11.46	12.73	21.65
3 years & Over	1.81	31.42	30.67	52.15
Total Animal	5.76	100.00	58.81	100.00

NORTH GONDER

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	176.63	100.00	-	-	176.63	100.00
For Draught	166.15	94.07	-	-	166.15	94.07
For Beef	0.71	0.40	-	-	0.71	0.40
For Other	9.77	5.53	-	-	9.77	5.53
Female Cattle	175.33	100.00	-	-	175.33	100.00
For Milk	140.60	80.19	-	-	140.60	80.19
For Beef	0.14	0.08	-	-	0.14	0.08
For Other	34.59	19.73	-	-	34.59	19.37

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	0.91	100.00	-	-	0.91	100.00
For Mutton	0.65	71.43	-	-	0.65	71.43
For Other	0.26	28.57	-	-	0.26	28.57
Female Sheep	23.14	100.00	-	-	23.14	100.00
For Mutton	0.52	2.25	-	-	0.52	2.25
For Other	22.62	97.75	-	-	22.62	97.75

NORTH GONDER

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	2.01	100.00	-	-	2.01	100.00
For Meat	2.01	100.00	-	-	2.01	100.00
For Other	0.00	0.00	-	-	0.00	0.00
Female Goats	35.14	100.00	-	-	35.14	100.00
For Meat	0.27	0.77	-	-	0.27	0.77
For Other	34.87	99.23	-	-	34.87	99.23

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	358.02	70.17
Cocks	24.54	4.81
Cockerels	21.61	4.23
Chicks	311.87	61.13
Total Female	152.17	29.83
Pullets	42.89	8.41
Laying hens	52.82	10.35
Non-laying hens	56.46	10.07
Total Poultry	510.19	100.00

SOUTH GONDER

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	288.52	47.72	56.11	23.05	32.89	33.55
Under 1 year	36.51	6.04	45.18	18.56	16.91	17.25
1 year & Under 2	32.34	5.35	3.87	1.59	4.61	4.70
2 years & Over	219.67	36.33	7.06	2.90	11.37	11.60
Female Total	316.06	52.28	187.37	76.95	65.15	66.45
Under 1 year	45.36	7.50	47.30	19.42	13.77	14.05
1 year & Under 2	36.22	5.99	7.78	3.20	28.19	28.75
2 years & Over	234.48	38.78	132.29	54.33	23.19	23.65
Total Animal	604.58	100.00	243.48	100.00	98.04	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	18.22	64.89	13.75	26.84
Under 3 years	5.22	18.59	10.18	19.87
3 years & Over	13.00	46.30	3.57	6.67
Female Total	9.86	35.11	37.47	73.16
Under 3 years	0.91	3.24	10.35	20.21
3 years & Over	8.95	31.87	27.12	52.95
Total Animal	28.08	100.00	51.22	100.00

SOUTH GONDER

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	219.67	100.00	-	-	219.67	100.00
For Draught	193.84	88.24	-	-	193.84	88.24
For Beef	0.68	0.31	-	-	0.68	0.31
For Other	25.15	11.45	-	-	25.15	11.45
Female Cattle	233.30	100.00	1.18	100.00	234.48	100.00
For Milk	153.10	65.62	-	-	153.10	62.29
For Beef	1.11	0.48	1.18	100.00	2.29	0.98
For Other	79.09	33.90	-	-	79.09	33.73

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	7.07	100.00	-	-	7.07	100.00
For Mutton	2.40	33.95	-	-	2.40	33.95
For Other	4.67	66.05	-	-	4.67	66.05
Female Sheep	132.29	100.00	-	-	132.29	100.00
For Mutton	2.05	1.55	-	-	2.05	1.55
For Other	130.24	98.45	-	-	130.24	98.45

SOUTH GONDER

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	11.37	100.00	-	-	11.37	100.00
For Meat	5.75	50.57	-	-	5.75	50.57
For Other	5.62	49.43	-	-	5.61	49.43
Female Goats	23.19	100.00	-	-	23.19	100.00
For Meat	0.17	0.73	-	-	0.17	0.73
For Other	23.02	99.27	-	-	23.02	99.27

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	373.93	69.50
Cocks	21.47	3.99
Cockerels	27.34	5.08
Chicks	325.12	60.43
Total Female	164.08	30.50
Pullets	34.94	6.49
Laying hens	51.22	9.52
Non-Laying hens	77.92	14.48

DIRE DAWA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	17.90	35.06	14.47	32.56	34.89	31.19
Under 1 year	5.80	11.36	7.33	16.49	15.89	14.20
1 year & Under 2	3.53	6.91	2.61	5.87	5.65	5.94
2 years & Over	8.57	16.78	4.53	10.19	12.35	11.04
Female Total	33.16	64.94	29.97	67.44	76.98	68.81
Under 1 year	6.12	11.99	6.56	14.76	19.42	17.36
1 year & Under 2	4.95	9.69	4.61	10.37	9.50	8.49
2 years & Over	22.09	43.26	18.80	42.30	48.06	42.96
Total Animal	51.06	100.00	44.44	100.00	111.87	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	-	-	3.91	50.13
Under 3 years	-	-	0.97	12.44
3 years & Over	-	-	2.94	37.69
Female Total	-	-	3.89	49.87
Under 3 years	-	-	0.80	10.26
3 years & Over	-	-	3.09	39.61
Total Animal	-	-	7.80	100.00

DIRE DAWA

Table 3. Number and Percentage Distribution of CAMELS by
Sex and Age, Private holdings,
1990/91 (1983 E.C.)

Sex and Age Group	Number in Thousands	
	Number	Percent
Male Total	5.16	55.90
Under 4 years	1.00	10.83
4 years & Over	4.16	45.07
Female Total	4.07	44.10
Under 4 years	1.05	11.38
4 years & Over	3.02	32.72
Total Camels	9.23	100.00

Table 4. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	8.49	100.00	0.08	100.00	8.57	100.00
For Draught	7.18	84.57	-	-	7.18	83.78
For Beef	0.99	11.66	0.08	100.00	1.07	12.49
For Other	0.32	3.77	-	-	0.32	3.73
Female Cattle	22.09	100.00	-	-	22.09	100.00
For Milk	16.88	76.41	-	-	16.88	76.41
For Beef	0.51	2.31	-	-	0.51	2.31
For Other	4.70	21.28	-	-	4.70	21.28

DIRE DAWA

Table 5. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	4.53	100.00	-	-	4.53	100.00
For Mutton	2.16	47.68	-	-	2.16	47.68
For Other	2.37	52.32	-	-	2.37	52.32
Female Sheep	18.80	100.00	-	-	18.80	100.00
For Mutton	1.87	9.95	-	-	1.87	9.95
For Other	16.93	90.05	-	-	16.93	90.05

Table 6. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	12.35	100.00	-	-	12.35	100.00
For Meat	6.49	52.55	-	-	6.49	52.55
For Other	5.86	47.45	-	-	5.86	47.45
Female Goats	48.05	100.00	-	-	48.15	100.00
For Meat	2.11	4.39	-	-	2.11	4.39
For Other	45.94	95.61	-	-	45.94	95.61

DIRE DAWA

Table 7. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands		
Sex and Purpose	Number	Percent
Total Male	27.47	100.00
Cocks	7.73	28.14
Cockerels	4.66	16.96
Chicks	15.08	54.90
Total Female	28.48	100.00
Pullets	5.98	21.00
Laying hens	17.94	62.99
Non-Laying hens	4.56	16.01

EAST HARERGE

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Sex and Age Group	Number in Thousands					
	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	351.05	39.68	72.98	33.40	131.77	29.47
Under 1 year	90.37	10.21	35.56	16.27	75.38	16.86
1 year & Under 2	49.61	5.61	20.32	9.30	31.84	7.12
2 years & Over	211.07	23.86	17.10	7.83	24.55	5.49
Female Total	533.64	60.32	145.53	66.60	315.41	70.53
Under 1 year	93.39	10.56	35.46	16.23	76.13	17.02
1 year & Under 2	56.63	6.40	20.28	9.28	42.28	9.45
2 years & Over	383.62	43.36	89.79	41.09	197.00	44.05
Total Animal	884.69	100.00	218.51	100.00	447.18	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Sex and Age Group	Number in Thousands			
	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.50	16.23	75.79	59.60
Under 3 years	0.40	12.99	18.09	14.23
3 years & Over	0.10	3.25	57.70	45.37
Female Total	2.58	83.77	51.38	40.40
Under 3 years	0.34	11.04	12.99	10.21
3 years & Over	2.24	72.73	38.39	30.19
Total Animal	3.08	100.00	127.17	100.00

EAST HARERGE

Table 3. Number and Percentage Distribution of CAMELS by
Sex and Age, Private holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Age Group	Number	Percent
Male Total	5.71	69.98
Under 4 years	0.50	6.13
4 years & Over	5.21	63.85
Female Total	2.45	30.02
Under 4 years	0.50	6.13
4 years & Over	1.95	23.90
Total Camels	8.16	100.00

Table 4. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	211.07	100.00	-	-	211.07	100.00
For Draught	186.69	88.45	-	-	186.69	88.45
For Beef	9.17	4.34	-	-	9.17	4.34
For Other	15.21	7.21	-	-	15.21	7.21
Female Cattle	382.54	100.00	1.10	100.00	383.64	100.00
For Milk	292.03	76.34	-	-	292.03	76.12
For Beef	4.46	1.17	1.10	100.00	5.56	1.45
For Other	86.05	22.49	-	-	86.05	22.43

EAST HARERGE

Table 5. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	17.11	100.00	-	-	17.11	100.00
For Mutton	9.08	53.07	-	-	9.08	53.07
For Other	8.03	46.93	-	-	8.03	46.93
Female Sheep	89.79	100.00	-	-	89.79	100.00
For Mutton	2.38	2.65	-	-	2.38	2.65
For Other	87.41	97.35	-	-	87.41	97.35

Table 6. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	24.54	100.00	-	-	24.54	100.00
For Meat	14.24	58.04	-	-	14.24	58.04
For Other	10.30	41.96	-	-	10.30	41.96
Female Goats	196.74	100.00	0.26	100.00	197.00	100.00
For Meat	2.51	1.28	0.26	100.00	2.77	1.41
For Other	194.23	98.72	-	-	194.23	98.59

EAST HARERGE

Table 7. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	526.40	100.00
Cocks	113.88	21.63
Cockerels	87.98	16.71
Chicks	324.54	61.65
Total Female	458.21	100.00
Pullets	130.26	28.43
Laying hens	264.02	57.62
Non-Laying hens	63.93	13.95

WEST HARERGE

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)
Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	295.34	45.01	38.34	32.02	102.66	34.02
Under 1 year	58.60	8.93	18.18	15.18	55.46	18.38
1 & Under 2 year	36.59	5.58	8.75	7.31	15.90	5.27
2 years & Over	200.15	30.50	11.41	9.53	31.30	10.37
Female Total	360.83	54.99	81.40	67.98	199.14	65.98
Under 1 year	75.81	11.55	21.25	17.75	53.56	17.75
1 & Under 2 years	39.12	5.96	12.44	10.39	23.85	19.95
2 years & over	245.90	37.48	47.71	39.84	121.73	40.33
Total Animal	656.17	100.00	119.74	100.00	301.80	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)
Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.70	41.42	37.25	47.85
Under 3 years	0.39	23.08	7.27	9.34
3 years & Over	0.31	18.34	29.98	38.51
Female Total	0.99	58.58	40.60	52.15
Under 3 years	0.19	11.24	12.28	15.77
3 years & Over	0.80	47.34	28.32	36.38
Total Animal	1.69	100.00	77.85	100.00

WEST HARERGE

Table 3. Number and Percentage Distribution of CAMELS by
Sex and Age, Private holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	Number	Percent
Male Total	2.29	33.00
Under 4 years	0.96	13.83
4 years & Over	1.33	19.17
Female Total	4.65	67.00
Under 4 years	1.40	20.17
4 years & Over	3.25	46.83
Total Camels	6.94	100.00

Table 4. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	199.93	100.00	0.22	100.00	200.15	100.00
For Draught	184.21	92.14	-	-	184.21	91.94
For Beef	7.85	3.93	0.22	100.00	8.07	4.08
For Other	7.87	3.93	-	-	7.87	3.98
Female Cattle	243.67	100.00	1.23	100.00	244.90	100.00
For Milk	196.59	80.68	0.58	47.15	197.17	80.51
For Beef	2.66	1.09	0.65	52.85	3.31	1.35
For Other	44.42	18.23	-	-	44.42	18.14

WEST HARERGE

Table 5. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	11.41	100.00	-	-	11.41	100.00
For Mutton	6.18	54.16	-	-	6.18	54.16
For Other	5.23	45.84	-	-	5.23	45.84
Female Sheep	47.71	100.00	-	-	47.71	100.00
For Mutton	3.51	7.36	-	-	3.51	7.36
For Other	44.20	92.64	-	-	44.20	92.64

Table 6. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	31.30	100.00	-	-	31.30	100.00
For Meat	17.77	56.77	-	-	17.77	56.77
For Other	13.53	43.23	-	-	13.53	43.23
Female Goats	121.54	100.00	0.19	100.00	121.73	100.00
For Meat	4.68	3.85	0.19	100.00	4.87	4.00
For Other	116.86	96.15	-	-	116.86	96.00

WEST HARERGE

Table 7. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands		
Sex and Purpose	Number	Percent
Total Male	327.64	100.00
Cocks	68.71	20.97
Cockerels	52.40	15.99
Chicks	206.53	63.04
Total Female	292.29	100.00
Pullets	89.25	30.53
Laying hens	143.27	49.02
Non-Laying hens	59.77	20.45

GAMBELA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	9.80	45.08	2.73	29.42	5.98	28.89
Under 1 year	2.94	13.52	1.83	19.72	3.64	17.58
1 year & Under 2	1.74	8.00	0.45	4.85	1.65	7.97
2 years & Over	5.12	23.55	0.45	4.85	0.69	3.33
Female Total	11.94	54.92	6.55	70.58	14.72	71.11
Under 1 year	2.12	9.75	2.48	26.72	3.68	17.78
1 year & Under 2	1.46	6.72	0.86	9.27	4.40	21.26
2 years & Over	8.36	38.45	3.21	34.59	6.64	32.08
Total Animal	21.74	100.00	9.28	100.00	20.70	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.32	80.00	0.45	84.91
Under 3 years	0.24	60.00	0.00	0.00
3 years & Over	0.08	20.00	0.45	84.91
Female Total	0.08	20.00	0.08	15.09
Under 3 years	0.00	0.00	0.00	0.00
3 years & Over	0.08	20.00	0.08	15.09
Total Animal	0.40	100.00	0.53	100.00

GAMBELA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	5.12	100.00	-	-	5.12	100.00
For Draught	4.36	85.16	-	-	4.36	85.16
For Beef	0.42	8.20	-	-	0.42	8.20
For Other	0.34	6.64	-	-	0.34	6.64
Female Cattle	8.36	100.00	-	-	8.36	100.00
For Milk	7.21	86.24	-	-	7.21	86.24
For Beef	0.45	5.38	-	-	0.45	5.38
For Other	0.70	8.38	-	-	0.70	8.38

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	0.45	100.00	-	-	0.45	100.00
For Mutton	0.03	6.67	-	-	0.03	6.67
For Other	0.42	93.33	-	-	0.42	93.33
Female Sheep	3.21	100.00	-	-	3.21	100.00
For Mutton	0.07	2.18	-	-	0.07	2.18
For Other	3.14	97.81	-	-	3.14	97.81

GAMBELA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	0.69	100.00	-	-	0.69	100.00
For Meat	0.44	63.77	-	-	0.44	63.77
For Other	0.25	36.23	-	-	0.25	36.23
Female Goats	6.64	100.00	-	-	6.64	100.00
For Meat	0.88	13.25	-	-	0.88	13.25
For Other	5.76	86.75	-	-	5.76	86.75

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	54.16	100.00
Cocks	9.11	16.82
Cockerels	9.12	16.84
Chicks	35.93	66.34
Total Female	39.33	100.00
Pullets	14.67	37.30
Laying hens	17.85	45.39
Non-Laying hens	6.81	17.31

ILUBABOR

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	657.21	48.39	117.86	26.63	50.48	26.36
Under 1 year	104.72	7.71	62.90	14.21	32.50	16.97
1 year & Under 2	74.65	5.50	18.82	4.25	6.64	3.47
2 years & Over	477.84	35.19	36.14	8.17	11.34	5.92
Female Total	700.84	51.61	324.66	73.37	141.03	73.64
Under 1 year	118.45	8.72	86.59	19.57	46.82	24.45
1 year & Under 2	79.25	5.84	31.29	7.07	18.26	9.53
2 years & Over	503.14	37.05	206.78	46.73	75.95	39.66
Total Animal	1358.05	100.00	442.52	100.00	191.51	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	18.77	40.36	13.80	58.72
Under 3 years	4.63	9.95	1.74	7.40
3 years & Over	14.14	30.40	12.06	51.32
Female Total	27.74	59.64	9.70	41.28
Under 3 years	7.67	16.49	3.11	13.23
3 years & Over	20.07	43.15	6.59	28.04
Total Animal	46.51	100.00	23.50	100.00

ILUBABOR

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	477.38	100.00	0.48	100.00	477.86	100.00
For Draught	432.46	95.59	-	-	432.46	90.50
For Beef	5.02	1.05	0.48	100.00	5.50	1.15
For Other	39.90	8.36	-	-	39.90	8.35
Female Cattle	503.14	100.00	-	-	503.14	100.00
For Milk	392.92	78.09	-	-	392.92	78.09
For Beef	2.71	0.54	-	-	2.71	0.54
For Other	107.51	21.37	-	-	107.51	21.37

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	36.14	100.11	-	-	36.14	100.00
For Mutton	4.17	11.54	-	-	4.17	11.54
For Other	31.97	88.46	-	-	31.97	88.46
Female Sheep	206.78	100.00	-	-	206.78	100.00
For Mutton	3.22	1.56	-	-	3.22	1.56
For Other	203.56	98.44	-	-	203.56	98.44

ILUBABOR

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	11.33	100.00	-	-	11.33	100.00
For Meat	0.96	8.47	-	-	0.96	8.47
For Other	10.37	91.53	-	-	10.37	91.53
Female Goats	75.95	100.00	-	-	75.95	100.00
For Meat	1.12	1.48	-	-	1.12	1.48
For Other	74.83	98.52	-	-	74.83	98.52

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	847.97	100.00
Cocks	140.09	16.52
Cockerels	104.01	12.27
Chicks	603.87	71.21
Total Female	486.99	100.00
Pullets	107.75	22.13
Laying hens	200.23	41.12
Non-Laying hens	179.01	36.75

KEFA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Sex and Age Group	Number in Thousands					
	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	197.00	48.90	45.77	30.12	23.97	35.04
Under 1 year	36.74	9.12	19.11	12.58	10.76	15.73
1 year & Under 2	36.18	8.98	6.67	4.39	5.34	7.81
2 years & Over	124.08	30.80	19.99	13.16	7.87	11.50
Female Total	205.89	51.10	106.18	69.88	44.44	64.96
Under 1 year	31.79	7.89	22.63	14.89	11.20	16.37
1 year & Under 2	30.56	7.59	13.27	8.73	6.24	9.12
2 years & Over	143.54	35.62	70.28	46.25	27.00	39.48
Total Animal	402.89	100.00	151.95	100.00	68.41	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Sex and Age Group	Number in Thousands			
	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	3.95	54.48	0.42	100.00
Under 3 years	0.42	5.79	0.00	0.00
3 years & Over	3.53	48.69	0.42	100.00
Female Total	3.30	45.52	0.00	0.00
Under 3 years	0.67	9.24	0.00	0.00
3 years & Over	2.63	36.28	0.00	0.00
Total Animal	7.25	100.00	0.42	100.00

KEFA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	124.08	100.00	-	-	124.08	100.00
For Draught	107.72	86.81	-	-	107.72	86.81
For Beef	0.95	0.77	-	-	0.95	0.77
For Other	15.41	12.42	-	-	15.41	12.42
Female Cattle	143.25	100.00	0.30	100.00	143.55	100.00
For Milk	112.81	78.75	-	-	112.81	78.75
For Beef	0.64	0.45	0.30	100.00	0.94	0.65
For Other	29.80	20.80	-	-	29.80	20.76

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	19.55	100.00	0.45	100.00	20.00	100.00
For Mutton	9.17	46.91	0.45	100.00	9.62	48.10
For Other	0.38	53.09	-	-	10.38	51.90
Female Sheep	70.27	100.00	-	-	70.27	100.00
For Mutton	2.75	3.91	-	-	2.75	3.91
For Other	67.52	96.09	-	-	67.52	96.09

KEFA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	7.87	100.00	-	-	7.87	100.00
For Meat	4.43	56.29	-	-	4.43	56.29
For Other	3.44	43.71	-	-	3.44	43.71
Female Goats	26.99	100.00	-	-	26.99	100.00
For Meat	0.83	3.08	-	-	0.83	3.08
For Other	26.16	96.92	-	-	26.16	96.92

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	442.63	100.00
Cocks	126.46	28.57
Cockerels	65.83	14.87
Chicks	250.34	56.56
Total Female	327.08	100.00
Pullets	97.27	29.74
Laying hens	150.84	46.12
Non-Laying hens	78.97	24.14

ADDIS ABABA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	177.70	49.30	28.89	25.23	10.68	39.84
Under 1 year	27.87	7.73	19.36	16.91	6.17	23.01
1 year & Under 2	24.50	6.80	1.68	1.47	2.18	8.13
2 years & Over	125.33	34.77	7.85	6.85	2.33	8.70
Female Total	182.72	50.70	85.62	74.77	16.13	60.16
Under 1 year	29.52	8.20	23.40	20.43	4.86	18.12
1 year & Under 2	22.64	6.28	6.94	6.06	4.30	16.04
2 years & Over	130.56	36.22	55.28	48.28	6.97	26.00
Total Animal	360.42	100.00	114.51	100.00	26.81	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	13.97	64.26	24.28	47.84
Under 3 years	2.38	10.95	5.28	10.40
3 years & Over	11.59	53.31	19.00	37.44
Female Total	7.77	35.74	26.47	52.16
Under 3 years	2.03	9.34	7.46	14.70
3 years & Over	5.74	26.40	19.01	37.46
Total Animal	21.74	100.00	50.75	100.00

ADDIS ABABA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	124.88	100.00	0.46	100.00	125.34	100.00
For Draught	113.98	91.27	-	-	113.98	90.94
For Beef	1.41	1.13	0.46	100.00	1.87	1.49
For Other	9.49	7.60	-	-	9.49	7.57
Female Cattle	129.03	100.00	1.54	100.00	130.57	100.00
For Milk	105.77	81.97	1.37	88.96	107.14	82.06
For Beef	0.60	0.47	0.17	11.04	0.77	0.59
For Other	22.66	17.56	-	-	22.66	17.35

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	7.85	100.00	-	-	7.85	100.00
For Mutton	5.29	67.39	-	-	5.29	67.39
For Other	2.56	32.61	-	-	2.56	32.61
Female Sheep	55.11	100.00	0.17	100.00	55.28	100.00
For Mutton	3.12	5.66	0.17	100.00	3.29	5.95
For Other	51.99	94.34	-	-	51.99	94.05

ADDIS ABABA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	2.33	100.00	-	-	2.33	100.00
For Meat	2.17	93.13	-	-	2.17	93.13
For Other	0.16	6.87	-	-	0.16	6.87
Female Goats	6.97	100.00	-	-	6.97	100.00
For Meat	2.07	29.70	-	-	2.07	29.70
For Other	4.90	70.30	-	-	4.90	70.30

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	100.57	100.00
Cocks	12.35	12.28
Cockerels	30.91	30.73
Chicks	57.31	56.99
Total Female	71.22	100.00
Pullets	10.52	14.77
Laying hens	43.72	61.39
Non-Laying hens	16.98	23.84

EAST SHEWA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	236.44	59.16	22.80	30.56	53.78	39.89
Under 1 year	23.55	5.89	9.68	12.97	24.04	17.83
1 year & Under 2	20.88	5.22	6.51	8.73	10.87	8.06
2 years & Over	192.01	48.05	6.61	8.86	18.87	14.00
Female Total	163.19	40.84	51.81	69.44	81.04	60.11
Under 1 year	31.16	7.80	13.58	18.20	23.60	17.50
1 year & Under 2	23.73	5.94	10.08	13.51	11.42	8.47
2 years & Over	108.30	27.10	28.15	37.73	46.02	34.13
Total Animal	399.63	100.00	74.61	100.00	134.82	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	1.54	69.06	40.46	40.75
Under 3 years	0.00	0.00	11.51	11.59
3 years & Over	1.54	69.06	28.95	29.16
Female Total	0.69	30.94	58.83	59.25
Under 3 years	0.14	6.28	13.58	13.68
3 years & Over	0.55	24.66	45.25	45.57
Total Animal	2.23	100.00	99.29	100.00

EAST SHEWA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	192.01	100.00	-	-	192.01	100.00
For Draught	178.15	92.78	-	-	178.15	92.78
For Beef	3.06	1.59	-	-	3.06	1.59
For Other	10.80	5.63	-	-	10.80	5.63
Female Cattle	107.71	100.00	0.59	100.00	108.30	100.00
For Milk	86.41	80.23	-	-	86.41	79.79
For Beef	2.04	1.89	0.59	100.00	2.63	2.43
For Other	19.26	17.88	-	-	19.26	17.78

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	6.61	100.00	-	-	6.61	100.00
For Mutton	4.62	69.89	-	-	4.62	69.89
For Other	1.99	30.11	-	-	1.99	30.11
Female Sheep	28.15	100.00	-	-	28.15	100.00
For Mutton	3.51	12.47	-	-	3.51	12.47
For Other	24.64	87.53	-	-	24.64	87.53

EAST SHEWA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	18.87	100.00	-	-	18.87	100.00
For Meat	12.85	68.10	-	-	12.85	68.10
For Other	6.02	31.90	-	-	6.02	31.90
Female Goats	45.47	100.00	0.55	100.00	46.02	100.00
For Meat	10.26	22.56	0.55	100.00	10.81	23.49
For Other	35.21	77.44	-	-	35.21	76.51

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	189.14	100.00
Cocks	34.06	18.01
Cockerels	24.15	12.77
Chicks	130.93	69.22
Total Female	155.52	100.00
Pullets	31.51	20.26
Laying hens	79.52	51.13
Non-Laying hens	44.49	28.61

NORTH SHEWA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	668.24	52.27	437.48	30.19	120.19	35.43
Under 1 year	101.71	7.96	203.30	14.03	38.06	11.22
1 year & Under 2	91.87	7.18	57.29	3.95	30.75	9.06
2 years & Over	474.66	37.13	176.89	12.21	51.38	15.15
Female Total	610.10	47.73	1011.55	69.81	219.09	64.57
Under 1 year	113.00	8.84	248.04	17.12	60.20	17.74
1 year & Under 2	79.92	6.25	129.47	8.93	71.65	21.12
2 years & Over	417.18	32.64	634.04	43.76	87.24	25.71
Total Animal	1278.34	100.00	1449.03	100.00	339.28	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	24.67	38.68	76.30	33.60
Under 3 years	8.63	13.53	30.82	13.57
3 years & Over	16.04	25.15	45.48	20.03
Female Total	39.12	61.32	150.76	66.40
Under 3 years	9.73	15.25	35.67	15.71
3 years & Over	29.39	46.07	115.09	50.69
Total Animal	63.79	100.00	227.06	100.00

NORTH SHEWA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	474.66	100.00	-	-	474.66	100.00
For Draught	440.35	92.77	-	-	440.35	92.77
For Beef	4.08	0.86	-	-	4.08	0.86
For Other	30.23	6.37	-	-	30.23	6.37
Female Cattle	412.86	100.00	4.32	100.00	417.18	100.00
For Milk	306.92	74.34	3.44	79.63	310.36	74.39
For Beef	8.38	2.03	0.88	20.37	9.26	2.22
For Other	97.56	23.63	-	-	97.56	23.39

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	176.89	100.00	-	-	176.89	100.00
For Mutton	61.60	34.82	-	-	61.60	34.82
For Other	115.29	65.18	-	-	115.29	65.18
Female Sheep	634.04	100.00	-	-	634.04	100.00
For Mutton	23.86	3.76	-	-	23.86	3.76
For Other	610.18	96.24	-	-	610.18	96.24

NORTH SHEWA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	51.38	100.00	-	-	51.38	100.00
For Meat	42.30	82.33	-	-	42.30	82.33
For Other	9.08	17.67	-	-	9.08	17.67
Female Goats	87.24	100.00	-	-	87.24	100.00
For Meat	4.35	4.99	-	-	4.35	4.99
For Other	82.89	95.01	-	-	82.89	95.01

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	516.46	100.00
Cocks	118.04	22.86
Cockerels	61.75	11.96
Chicks	336.67	65.18
Total Female	537.60	100.00
Pullets	115.24	21.44
Laying hens	311.43	57.93
Non-Laying hens	110.93	20.63

SOUTH SHEWA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	911.62	39.90	107.07	30.35	151.99	27.59
Under 1 year	202.23	8.85	54.17	15.36	84.58	15.36
1 year & Under 2	138.06	6.04	24.74	7.01	28.34	5.14
2 years & Over	571.33	25.00	28.16	7.98	39.07	7.09
Female Total	1373.35	60.10	245.67	69.65	398.82	72.41
Under 1 year	248.88	10.89	59.39	16.84	106.56	19.35
1 year & Under	127.05	5.56	33.53	9.51	60.97	11.07
2 years & Over	997.42	43.65	152.75	43.30	231.29	41.99
Total Animal	2284.97	100.00	352.74	100.00	550.81	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	29.33	47.16	72.15	45.49
Under 3 years	6.02	9.68	17.81	11.23
3 years & Over	23.31	37.48	54.34	34.26
Female Total	32.86	52.84	86.45	54.51
Under 3 years	3.29	5.29	19.43	12.25
3 years & Over	29.57	47.55	67.02	42.26
Total Animal	62.19	100.00	158.60	100.00

SOUTH SHEWA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	571.33	100.00	-	-	571.33	100.00
For Draught	479.50	83.93	-	-	479.50	83.93
For Beef	3.57	0.62	-	-	3.57	0.62
For Other	88.26	15.45	-	-	88.26	15.45
Female Cattle	993.45	100.00	3.97	100.00	997.42	100.00
For Milk	759.08	76.41	3.97	100.00	763.05	76.43
For Beef	1.03	0.10	-	-	1.03	0.10
For Other	233.34	23.49	-	-	233.34	23.47

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	27.60	100.00	0.56	100.00	28.16	100.00
For Mutton	7.60	27.54	0.56	100.00	8.16	28.98
For Other	20.00	72.46	-	-	20.00	71.02
Female Sheep	151.71	100.00	1.03	100.00	152.74	100.00
For Mutton	43.73	28.82	1.03	100.00	44.76	29.30
For Other	107.98	71.18	-	-	107.98	70.70

SOUTH SHEWA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	39.07	100.00	-	-	39.07	100.00
For Meat	19.93	51.01	-	-	19.93	51.01
For Other	19.14	48.99	-	-	19.14	48.99
Female Goats	231.29	100.00	-	-	231.29	100.00
For Meat	116.95	50.56	-	-	116.95	50.56
For Other	114.36	49.44	-	-	114.34	49.44

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	952.54	100.00
Cocks	109.87	11.53
Cockerels	113.76	11.95
Chicks	728.91	76.52
Total Female	628.49	100.00
Pullets	183.23	29.15
Laying hens	283.08	45.04
Non-Laying hens	162.18	25.81

WEST SHEWA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	819.26	39.53	129.92	25.57	68.51	33.64
Under 1 year	189.86	9.16	92.31	18.17	38.15	18.73
1 year & Under 2	134.22	6.48	14.93	3.53	9.78	4.80
2 years & Over	495.18	23.89	22.68	4.46	20.58	10.11
Female Total	1253.34	60.47	378.20	74.43	135.12	66.36
Under 1 year	198.09	9.56	116.18	22.86	36.26	17.81
1 year & Under 2	134.50	6.49	69.68	13.71	27.03	13.27
2 years & Over	920.75	44.42	192.34	37.85	71.83	35.27
Total Animal	2072.60	100.00	508.12	100.00	203.63	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	63.85	50.25	32.26	45.88
Under 3 years	15.71	12.36	11.35	16.14
3 years & Over	48.14	37.89	20.91	29.74
Female Total	63.22	49.75	38.06	54.12
Under 3 years	16.58	13.05	12.07	17.16
3 years & Over	46.64	36.70	25.99	36.96
Total Animal	127.07	100.00	70.32	100.00

WEST SHEWA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	495.19	100.00	-	-	495.19	100.00
For Draught	394.69	79.70	-	-	394.19	79.70
For Beef	8.41	1.70	-	-	8.41	1.70
For Other	92.09	18.60	-	-	92.09	18.60
Female Cattle	919.86	100.00	0.90	100.00	920.76	100.00
For Milk	696.82	75.75	0.90	100.00	697.72	75.78
For Beef	-	-	-	-	-	-
For Other	223.04	24.25	-	-	223.04	24.22

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	22.68	100.00	-	-	22.68	100.00
For Mutton	3.74	16.49	-	-	3.74	16.49
For Other	18.94	83.51	-	-	18.94	83.51
Female Sheep	192.34	100.00	-	-	192.34	100.00
For Mutton	3.98	2.07	-	-	3.98	2.07
For Other	188.36	97.93	-	-	188.36	97.93

WEST SHEWA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	20.58	100.00	-	-	20.58	100.00
For Meat	11.75	57.09	-	-	11.75	57.09
For Other	8.83	42.91	-	-	8.83	42.91
Female Goats	70.92	100.00	0.91	100.00	71.93	100.00
For Meat	3.14	4.43	0.91	100.00	4.05	5.63
For Other	67.78	95.57	-	-	67.78	94.36

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	419.08	100.00
Cocks	85.55	20.41
Cockerels	32.24	7.69
Chicks	301.29	71.89
Total Female	335.47	100.00
Pullets	71.60	21.34
Laying hens	166.06	49.50
Non-Laying hens	97.81	29.16

BORENA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	198.27	33.37	28.30	28.40	105.82	34.96
Under 1 year	59.74	10.05	11.60	11.64	41.61	13.75
1 year & Under 2	34.79	5.86	4.72	4.74	23.15	7.65
2 years & Over	103.74	17.46	11.98	12.02	41.06	13.56
Female Total	395.86	66.63	71.35	71.60	196.86	65.04
Under 1 year	68.46	11.52	19.04	19.11	45.30	14.97
1 year & Under 2	37.20	6.26	8.63	8.66	25.53	8.43
2 years & Over	290.20	48.85	43.68	43.83	126.03	41.64
Total Animal	594.13	100.00	99.65	100.00	302.68	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	7.45	48.13	11.15	53.58
Under 3 years	1.54	9.95	2.01	9.66
3 years & Over	5.91	38.18	9.14	43.92
Female Total	8.03	51.87	9.66	46.42
Under 3 years	2.43	15.70	2.98	14.32
3 years & Over	5.60	36.18	6.68	32.10
Total Animal	15.48	100.00	20.81	100.00

BORENA

Table 3. Number and Percentage Distribution of CAMELS by
Sex and Age, Private holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Age Group	Number	Percent
Male Total	4.40	64.23
Under 4 years	1.17	17.08
4 years & Over	3.23	47.15
Female Total	2.45	35.77
Under 4 years	0.71	10.36
4 years & Over	1.74	25.40
Total Camels	6.85	100.00

Table 4. CATTLE Population Aged Two Years and Over by
Breed, Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	103.05	100.00	0.69	100.00	103.74	100.00
For Draught	47.00	45.61	-	-	47.00	45.30
For Beef	6.87	6.67	0.69	100.00	7.56	7.29
For Other	49.18	47.72	-	-	49.18	47.01
Female Cattle	290.20	100.00	-	-	290.20	100.00
For Milk	217.73	74.82	-	-	217.73	74.82
For Beef	0.30	0.10	-	-	0.30	0.10
For Other	72.17	24.88	-	-	72.17	24.88

BORENA

Table 5. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	11.98	100.00	-	-	11.98	100.00
For Mutton	7.39	61.69	-	-	7.39	61.69
For Other	4.59	38.31	-	-	4.59	38.31
Female Sheep	43.68	100.00	-	-	43.68	100.00
For Mutton	1.09	2.50	-	-	1.09	2.50
For Other	42.59	97.50	-	-	42.59	97.50

Table 6. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	41.06	100.00	-	-	41.06	100.00
For Meat	24.21	58.96	-	-	24.21	58.96
For Other	16.85	41.04	-	-	16.85	41.04
Female Goats	126.03	100.00	-	-	126.03	100.00
For Meat	0.50	0.40	-	-	0.50	0.40
For Other	125.53	99.60	-	-	125.53	99.60

BORENA

Table 7. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	115.39	100.00
Cocks	22.50	19.50
Cockerels	17.66	15.30
Chicks	75.23	65.20
Total Female	88.39	100.00
Pullets	23.21	26.26
Laying hens	38.99	44.11
Non-Laying hens	26.19	29.63

SIDAMO

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	514.47	25.12	78.86	20.86	125.08	30.03
Under 1 year	198.67	9.70	40.42	10.69	56.45	13.55
1 year & Under 2	90.70	4.43	15.01	3.97	27.80	6.67
2 years & Over	225.10	10.99	23.43	6.20	40.83	9.80
Female Total	1533.83	74.88	299.13	79.14	291.47	69.97
Under 1 year	266.22	13.00	77.63	20.54	67.91	16.30
1 year & Under 2	141.16	6.89	38.67	10.23	52.34	12.57
2 years & Over	1126.45	54.99	182.83	48.37	171.22	41.10
Total Animal	2048.30	100.00	377.99	100.00	416.55	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	38.78	49.32	37.37	53.16
Under 3 years	4.03	5.12	5.92	8.42
3 years & Over	34.75	44.20	31.45	44.74
Female Total	39.85	50.68	32.93	46.84
Under 3 years	6.38	8.11	11.58	16.47
3 years & Over	33.47	42.57	21.35	30.37
Total Animal	78.63	100.00	70.30	100.00

SIDAMO

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	224.68	100.00	0.52	100.00	225.10	100.00
For Draught	102.47	45.63	-	-	102.47	45.52
For Beef	25.21	11.23	0.52	100.00	25.73	11.43
For Other	96.90	43.14	-	-	96.90	43.05
Female Cattle	1124.90	100.00	1.55	100.00	1126.45	100.00
For Milk	817.46	72.67	-	-	817.46	72.57
For Beef	12.10	1.08	1.55	100.00	12.65	1.12
For Other	295.34	26.25	-	-	295.34	26.22

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	23.44	100.00	-	-	23.44	100.00
For Mutton	9.98	42.58	-	-	9.98	42.58
For Other	13.46	57.42	-	-	13.46	57.42
Female Sheep	182.83	100.00	-	-	182.83	100.00
For Mutton	0.60	0.33	-	-	0.60	0.33
For Other	182.23	99.67	-	-	182.23	99.67

SIDAMO

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	40.83	100.00	-	-	40.83	100.00
For Meat	18.97	46.46	-	-	18.97	46.46
For Other	21.86	53.54	-	-	21.86	53.54
Female Goats	171.22	100.00	-	-	171.22	100.00
For Meat	8.42	4.92	-	-	8.42	4.92
For Other	162.80	95.08	-	-	162.80	95.08

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	Number	Percent
Total Male	539.99	100.00
Cocks	80.82	14.97
Cockerels	60.27	11.16
Chicks	396.90	73.50
Total Female	447.37	100.00
Pullets	127.14	28.42
Laying hens	172.66	38.59
Non-Laying hens	147.57	32.99

ASOSA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	48.11	42.41	16.49	25.90	2.38	21.25
Under 1 year	10.48	9.24	13.29	20.87	1.90	16.97
1 year & Under 2	9.73	8.58	0.50	0.79	0.25	2.23
2 years & Over	27.90	24.59	2.70	4.24	0.23	2.05
Female Total	65.33	57.59	47.18	74.10	8.82	78.75
Under 1 year	9.02	7.95	10.38	16.30	2.82	25.18
1 year & Under 2	11.83	10.43	7.53	11.83	3.49	31.16
2 years & Over	44.48	39.21	29.27	45.97	2.51	22.41
Total Animal	113.44	100.00	63.67	100.00	11.20	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	0.00	0.00	2.57	26.74
Under 3 years	0.00	0.00	1.29	13.42
3 years & Over	0.00	0.00	1.28	13.32
Female Total	0.00	0.00	7.05	73.26
Under 3 years	0.00	0.00	1.81	18.84
3 years & Over	0.00	0.00	5.23	54.42
Total Animal	0.00	0.00	9.62	100.00

ASOSA

Table 3. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	27.90	100.00	-	-	27.90	100.00
For Draught	22.78	81.65	-	-	22.78	81.65
For Beef	0.12	0.43	-	-	0.12	0.43
For Other	5.00	17.92	-	-	5.00	17.92
Female Cattle	44.48	100.00	-	-	44.48	100.00
For Milk	34.20	76.89	-	-	34.20	76.89
For Beef	0.47	1.06	-	-	0.47	1.06
For Other	9.81	22.05	-	-	9.81	22.05

Table 4. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	2.70	100.00	-	-	2.70	100.00
For Mutton	-	-	-	-	-	-
For Other	2.70	100.00	-	-	2.70	100.00
Female Sheep	29.27	100.00	-	-	29.27	100.00
For Mutton	7.38	25.21	-	-	7.38	25.21
For Other	21.89	74.79	-	-	21.89	74.79

ASOSA

Table 5. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands					
	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	0.23	100.00	-	-	0.23	100.00
For Meat	-	-	-	-	-	-
For Other	0.23	100.00	-	-	0.23	100.00
Female Goats	2.51	100.00	-	-	2.51	100.00
For Meat	0.04	1.59	-	-	0.04	1.59
For Other	2.47	98.41	-	-	2.47	98.41

Table 6. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	147.83	100.00
Cocks	21.75	14.71
Cockerels	14.47	9.79
Chicks	111.61	75.50
Total Female	71.59	100.00
Pullets	25.74	35.95
Laying hens	31.54	44.06
Non-Laying hens	14.31	19.99

WELEGA

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	490.76	46.31	76.21	28.62	42.42	32.89
Under 1 year	93.35	8.81	52.85	19.85	29.66	23.00
1 year & Under 2	66.42	6.27	13.03	4.89	4.49	3.48
2 years & Over	330.99	31.23	10.33	3.88	8.27	6.41
Female Total	568.92	53.69	190.06	71.38	86.54	67.11
Under 1 year	89.66	8.46	60.64	22.77	25.67	19.91
1 year & Under 2	70.08	6.61	25.27	9.49	11.53	8.94
2 years & Over	409.18	38.61	104.15	39.11	49.34	38.26
Total Animal	1059.68	100.00	266.27	100.00	128.96	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	4.00	51.28	16.47	35.80
Under 3 years	1.20	15.38	4.64	10.09
3 years & Over	2.80	35.90	11.83	25.71
Female Total	3.80	48.72	29.53	64.20
Under 3 years	1.07	13.72	9.95	21.63
3 years & Over	2.73	35.00	19.58	42.57
Total Animal	7.80	100.00	46.00	100.00

SOUTH WOLO

Table 1. Number and Percentage Distribution of CATTLE, SHEEP and GOATS by Sex and Age, Private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	CATTLE		SHEEP		GOATS	
	Number	Percent	Number	Percent	Number	Percent
Male Total	636.18	52.75	555.84	35.00	182.41	33.63
Under 1 year	77.43	6.42	181.22	11.41	67.44	12.43
1 year & Under 2	78.21	6.48	136.93	8.62	43.91	8.10
2 years & Over	480.54	39.85	237.69	14.97	71.06	13.10
Female Total	569.84	47.25	1032.43	65.00	359.99	66.37
Under 1 year	96.35	7.99	246.68	15.53	92.88	17.12
1 year & Under 2	93.29	7.74	218.36	13.75	150.14	27.68
2 years & Over	380.19	31.52	567.39	35.72	116.97	21.57
Total Animal	1206.02	100.00	1588.27	100.00	542.40	100.00

Table 2. Number and Percentage Distribution of HORSES and ASSES by Sex and Age, private Holdings, 1990/91 (1983 E.C.)

Number in Thousands

Sex and Age Group	HORSES		ASSES	
	Number	Percent	Number	Percent
Male Total	48.68	54.56	67.86	42.30
Under 3 years	10.22	11.45	16.62	10.36
3 years & Over	38.46	43.10	51.24	31.94
Female Total	40.55	45.44	92.56	57.70
Under 3 years	7.97	8.93	18.87	11.76
3 years & Over	32.58	36.51	73.69	45.94
Total Animal	89.23	100.00	160.42	100.00

SOUTH WOLO

Table 3. Number and Percentage Distribution of CAMELS by
Sex and Age, Private holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Age Group	Number	Percent
Male Total	10.10	100.00
Under 4 years	0.00	0.00
4 years & Over	10.10	100.00
Female Total	0.00	0.00
Under 4 years	0.00	0.00
4 years & Over	0.00	0.00
Total Animals	10.10	100.00

Table 4. CATTLE Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)
Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Cattle	480.54	100.00	-	-	480.54	100.00
For Draught	450.50	93.75	-	-	450.50	93.75
For Beef	0.88	0.18	-	-	0.88	0.18
For Other	29.15	6.07	-	-	29.15	6.07
Female Cattle	378.14	100.00	2.05	100.00	380.19	100.00
For Milk	299.16	79.11	1.65	80.49	300.81	79.12
For Beef	6.18	1.63	0.40	19.51	6.59	1.73
For Other	72.80	19.25	-	-	72.80	19.15

SOUTH WOLO

Table 5. SHEEP Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Sheep	228.93	100.00	8.76	100.00	237.69	100.00
For Mutton	165.49	72.29	8.76	100.00	174.25	73.31
For Other	63.44	27.71	-	-	63.44	26.69
Female Sheep	567.39	100.00	-	-	567.39	100.00
For Mutton	52.88	9.32	-	-	52.88	9.32
For Other	514.51	90.68	-	-	514.51	40.68

Table 6. GOAT Population Aged Two Years and Over by Breed,
Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Number in Thousands

Sex and Purpose	INDIGENOUS		HYBRID		TOTAL	
	Number	Percent	Number	Percent	Number	Percent
Male Goats	71.06	100.00	-	-	71.06	100.00
For Meat	55.32	77.85	-	-	55.32	77.85
For Other	15.73	21.15	-	-	15.73	21.15
Female Goats	116.97	100.00	-	-	116.97	100.00
For Meat	9.46	8.09	-	-	9.46	8.09
For Other	107.50	91.91	-	-	107.50	91.91

SOUTH WOLO

Table 7. Number and Percentage Distribution of POULTRY
by Sex and Purpose, Private Holdings,
1990/91 (1983 E.C.)

Sex and Purpose	Number in Thousands	
	Number	Percent
Total Male	1198.28	59.72
Cocks	308.62	15.38
Cockerels	147.07	7.33
Chicks	742.59	37.01
Total Female	808.09	40.28
Pullets	249.60	12.44
Laying hens	386.53	19.27
Non-Laying hens	171.96	8.57

REFERENCES

1. Agricultural Sample Survey, Report on Livestock, poultry and Beehives Population (Private, Co-operatives and State Farms) 1989/90 (1982 E.C.), April 1992.