

**THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA**  
**CENTRAL STATISTICAL AUTHORITY**

**TRANSPORT AND COMMUNICATIONS STATISTICS**

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ADDIS ABABA  
MAY, 2000

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA  
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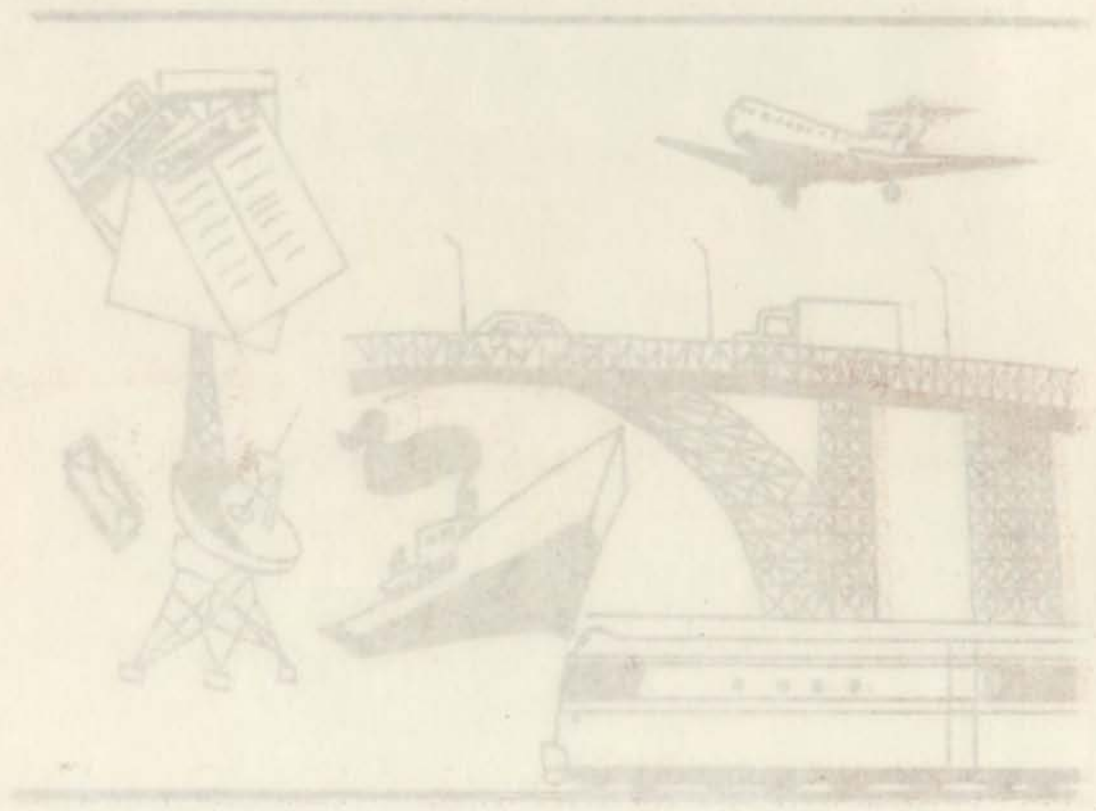


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PREPARED AND PRINTED BY  
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# CONTENTS

	<u>PAGE</u>
LIST OF TABLES .....	II
LIST OF CHARTS AND GRAPHS.....	IX
INTRODUCTION .....	1 - 2
<b>I. TRANSPORT STATISTICS.....</b>	<b>3 - 62</b>
1.1 ROAD TRANSPORT STATISTICS.....	3 - 22
1.2 RAILWAY STATISTICS .....	23 - 30
1.3 SHIPPING LINES STATISTICS.....	31 - 36
1.4 AVIATION STATISTICS.....	37 - 62
<b>II. COMMUNICATION STATISTICS.....</b>	<b>63 - 84</b>
2.1 POSTAL SERVICE STATISTICS .....	63 - 70
2.2 TELECOMMUNICATIONS STATISTICS.....	71 - 84
<b>III. BROADCASTING AND PRESS STATISTICS .....</b>	<b>85 - 105</b>
3.1 RADIO AND TELEVISION STATISTICS .....	85 - 99
3.2 PRESS STATISTICS .....	100 - 105

## LIST OF TABLES

<u>TABLES</u>	<u>PAGE</u>
R1 – IMPORTS AND EXPORTS OF GOODS BY MODE OF TRANSPORT .....	8
R2 – NUMBER OF INSPECTED AND REGISTERED MOTOR VEHICLES IN ETHIOPIA BY TYPE OF PLATE .....	9
R3 – NUMBER OF INSPECTED AND REGISTERED MOTOR VEHICLES IN ETHIOPIA BY TYPE AND SIZE .....	9
R4 – TECHNICAL INSPECTION OF VEHICLES BY TYPE OF PLATE AND SERVICES IN ADDIS ABABA .....	10-11
R5 – TECHNICAL INSPECTION OF VEHICLES BY TYPE OF PLATE, CAPACITY AND SERVICES (EXCLUDING PUBLIC AND FREIGHT TRANSPORT VEHICLES) IN ADDIS ABABA .....	12 - 13
R6 – TECHNICAL INSPECTION OF FUEL TRANSPORT VEHICLES BY TYPE OF PLATE AND CARRYING CAPACITY IN ADDIS ABABA .....	14
R7 – TECHNICAL INSPECTION OF PUBLIC TRANSPORT VEHICLES BY TYPE OF PLATE AND CARRYING CAPACITY IN ADDIS ABABA .....	15
R8 – TECHNICAL INSPECTION OF FREIGHT TRANSPORT VEHICLES BY TYPE OF PLATE AND CARRYING CAPACITY IN ADDIS ABABA .....	16-17
R9 – NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY BY OCCUPATION AND SEX .....	18
R10 – NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY BY SALARY GROUP AND SEX .....	18

R11 – LENGTH OF ALL WEATHER ROADS (IN KM) BY TYPE AND REGIONAL STATES .....	19
R12 – NUMBER OF DRIVING LICENCES ISSUED (NEW) BY NATIONALITY AND SEX .....	19
R13 – MOTOR VEHICLE TRAFFIC ACCIDENTS IN ADDIS ABABA .....	20
R14 – MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA .....	21
R15 – NUMBER OF ROAD MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA AND ADDIS ABABA BY TYPE OF VEHICLES .....	22
W1 – NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY OCCUPATION AND SEX .....	26
W2 – NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY SALARY GROUP AND SEX .....	27
W3 – NUMBER OF ROLLING STOCKS OF ETHIO-DJIBOUTI RAILWAY .....	28
W4 – PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY COMPANY .....	28
W5 – IMPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY .....	29
W6 – EXPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY .....	29
W7 – INTERNAL TRANSPORT OF GOODS BY THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY .....	30
W8 – FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY .....	30
H1 – NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES ENTERPRISE BY OCCUPATION AND SEX .....	34
H2 – NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES ENTERPRISE BY SALARY GROUP AND SEX .....	35

H3 – VESSELS IN USE BY NUMBER AND NET AND GROSS REGISTERED TONNAGE .....	35
H4 – FREIGHT CARRIED BY ETHIOPIAN SHIPPING LINES ENTERPRISE .....	36
H5 – FINANCIAL OPERATION OF ETHIOPIAN SHIPPING LINES ENTERPRISE .....	36
A1 – NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY OCCUPATION AND SEX .....	42
A2 – NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY REGION AND SEX .....	43
A3 – NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY SALARY GROUP AND SEX .....	43
A4 – CAPITAL EXPENDITURE BY TYPE AND LOCATION .....	44
A5 – SCHEDULED INTERNATIONAL AIR SERVICE OPERATED TO BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT BY TYPE OF AIRLINS, AIRCRAFT AND SERVICE CHARGE .....	45
A6 – LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE OF AIRPORT .....	46
A7 – INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS .....	47-48
A8 – BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED .....	49
A9 – BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED .....	49
A10 – BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC BY CARRIER SCHEDULED .....	50

A11 – DEJ. YIELMA A. TENA (DIRE DAWA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED .....	51
A12 – DEJ. YIELMA A. TENA (DIRE DAWA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED .....	51
A13 – NUMBER OF AIRCRAFT PASSES THROUGH ETHIOPIA'S AIRSPACE .....	52
A14 – NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY OCCUPATION AND SEX .....	53
A15 – NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY PLACE OF ASSIGNMENT AND SEX .....	54
A16 – NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY CONTINENT AND SEX .....	55
A17 – NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SALARY GROUP AND SEX .....	56
A18 – NUMBER AND TYPE OF AIRCRAFT OF ETHIOPIAN AIRLINES USED FOR INTERNATIONAL AND DOMESTIC SERVICES .....	56-57
A19 – DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS .....	58
A20 – DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS .....	59
A21 – DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS .....	60
A22 – REVENUE OF ETHIOPIAN AIRLINES BY SOURCE .....	61
A23 – EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE .....	61
A24 – ETHIOPIAN AIRLINES OPERATION STATISTICS .....	62
A25 – AIR DISTANCE IN KILOMETERS BETWEEN MAJOR AIRPORTS IN ETHIOPIA .....	62

P1 – NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY	
BY OCCUPATION AND SEX .....	66
P2 – NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY	
BY REGION AND SEX .....	67
P3 – NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY	
BY SALARY GROUP AND SEX .....	68
P4 – NUMBER OF POST OFFICES BY REGION .....	69
P5 – NUMBER OF MAIL AND POST BOXES BY REGION .....	69
P6 – NUMBER OF MAIL HANDED BY TYPE OF MAIL TRAFFIC .....	70
P7 – REVENUE OF POSTAL SERVICE AUTHORITY BY SOURCE .....	70
P8 – EXPENDITURE OF POSTAL SERVICE AUTHORITY BY PURPOSE .....	70
T1 – NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS	
CORPORATION BY OCCUPATION AND SEX .....	74
T2 – NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS	
CORPORATION BY REGION AND SEX .....	75
T3 – NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS	
CORPORATION BY SALARY GROUP AND SEX .....	76
T4 – NUMBER OF TELEPHONES IN USE BY REGIONAL CAPITALS	
AND OTHER TOWNS .....	77 - 78
T5 – PUBLIC TELEPHONES (COIN BOX TELEPHONES) BY	
SELECTED URBAN AREAS .....	79
T6 – NUMBER OF INTER - URBAN TELEPHONE CALLS AMONG	
MAJOR TOWNS VIA OPERATORS .....	80 - 82
T7 – NUMBER OF INTERNET SUBSCRIBERS BY TYPE .....	82
T8 – REVENUE OF TELECOMMUNICATIONS CORPORATION	
BY SOURCE .....	83

T9 – EXPENDITURE OF TELECOMMUNICATIONS CORPORATION	
BY PURPOSE .....	83
B1 – NUMBER OF EMPLOYEES ETHIOPIAN RADIO ENTERPRISE BY	
OCCUPATION AND SEX .....	87
B2– NUMBER OF EMPLOYEES ETHIOPIAN RADIO ENTERPRISE BY	
REGION AND SEX .....	87
B3 – NUMBER OF EMPLOYEES OF ETHIOPIAN RADIO ENTERPRISE BY	
SALARY GROUP AND SEX .....	88
B4 – RADIO BROADCASTING HOURS AND LANGUAGES USED BY	
LOCATION OF STUDIO, NATIONAL SERVICE .....	89 - 90
B5 – RADIO BROADCASTING HOURS AND LANGUAGES USED IN	
INTERNATIONAL SERVICE .....	91 - 92
B6 – REVENUE OF RADIO ENTERPRISE .....	93
B7 – RADIO ENTERPRISE OPERATING EXPENSES .....	93
B8 – ETHIOPIAN TELEVISION BROADCASTING HOURS BY	
LANGUAGES USED .....	94 - 95
B9 – NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL	
MASS MEDIA BY OCCUPATION AND SEX .....	96
B10 – NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL	
MASS MEDIA BY SALARY GROUP AND SEX .....	97
B11 – EDUCATIONAL RADIO BROADCASTING HOURS BY	
LANGUAGES USED .....	98 - 99
N1 – NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF	
INFORMATION AND CULTURE BY SALARY GROUP	
AND SEX .....	103
N2 – NUMBER OF COPIES OF DAILY NEWSPAPERS PRINTED, SOLD	
DONATED AND RETAINED (PRINTED IN ADDIS ABABA) .....	104

N3 - NUMBER OF COPIES OF BI - MONTHLY NEWSPAPERS  
 (PRINTED IN ADDIS ABABA) ..... 104

N4 - NEWSPAPERS PRINTED BY ETHIOPIAN ORTHODOX CHURCH ..... 104

N5 - CIRCULATION OF NEWSPAPERS BY REGION ..... 105

1. DRIVING LICENSES ISSUED BY SEX AND NATIONALITY .....	6
2. MOTOR VEHICLE TRAFFIC ACCIDENTS IN ADDIS ABABA .....	7
3. MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA .....	7
4. FREIGHT TRANSPORTED BY ETHIO- DJIBOUTI RAILWAY .....	25
5. FREIGHT TRANSPORTED BY ETHIOPIAN SHIPPING LINES .....	33
6. TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT AIRCRAFT MOVEMENT.....	39
7. DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORTS.....	40
8. BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED .....	41
9. NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA .....	65
10. NUMBER OF TELEPHONES IN USE IN ETHIOPIA .....	73
11. NUMBER OF TELEPHONES IN USE IN ADDIS ABABA .....	73
12. CIRCULATION OF NEWS PAPERS .....	102

## *Introduction*

The Central Statistical Authority (CSA) has been publishing the Transport and Communications Statistics bulletin since 1976 to serve as reference for statistical information on transport and communications. This statistical bulletin presents detail and more comprehensive statistical data on transport and communications than what are compiled in the annual Statistical Abstract of Ethiopia - a publication of the Authority. Though effort is exerted every year to improve the quality and details of the data, contents are determined by the availability of information at the sources.

This bulletin has been discontinued since September 1995, due to lack of data on road transport. Since road transport plays a major role in the transport activity of the country, it would have been incomplete to have this publication without this sector. However, for the last two years we are getting data on number of inspected and registered motor vehicles in the country from Road Transport Authority, and we hope that it will partially fill the data gap created in this sector. However, a lot remains to be done to bridge the data gap that exists, especially on freight traffic and passengers transported and vehicles involved.

In this issue as in the previous publications, the first part carries data on freight traffic volume, revenues, passenger and employment in each of the following modes of transport, i.e., land, water, air and rail. The second part presents data on the use, work force, finance and operations of the various communications media: telephone, telegraph, radio, television, newspapers and periodicals.

Some tables that were included in the previous issues are revised, series of data are updated and text notes are also revised, especially in respect to the new administrative structure of the country. The bulletin contains data from three to five years period.

Finally, taking this opportunity CSA would like to express its appreciation to its sources of data. The Authority believes that more remains to be done to meet the growing needs of data users, and thus welcomes comments and suggestions that would lead towards the improvement of the Bulletin.

Note:

- 1) The dates are in Ethiopian budget year and Gregorian Calendar following the reference period of sources. The Ethiopian budget year starts on July 8.
- 2) In some tables figures may not add up to totals due to rounding.
- 3) The following symbols have been used:

" - " Nil or negligible

" ... " Data not available

# PART I. TRANSPORT STATISTICS

## 1.1 ROAD TRANSPORT STATISTICS

Road transport is the major mode of transport activity in the country. In full recognition of the importance of this mode of transport, data on value and quantity of imports and exports by mode of transport, number of employees in Ethiopian Road Authority, number of motor vehicles inspected, length of all weather roads, driving licenses issued, motor vehicle traffic accidents in Ethiopia and Addis Ababa are presented.

Table R1 presents data on imports and exports of goods by mode of transport. In 1998 a total of about 3.6 million tons of goods entered the country. Of the specified amount 3.3 million tons (91.7 percent) was by multi-mode (sea & road) transport, while 153.9 thousand tons (4.3 percent) was by road and 48.8 thousand tons (1.4 percent) was by air. The remaining 91.6 thousand tons (2.6 percent) was transported by other modes of transport. The total import volume transported in 1998 has shown a rise of 221.0 percent and 109.3 percent compared to that of 1997 and 1994, respectively. Like wise total volume of exports were 241.5 thousand tons in 1998, a decline of 33.6 percent and 39.3 percent compared to its level in 1997 and 1994, respectively.

Tables R2 - R9 deal with technical inspection of new and old motor vehicles. However, in referring these tables it should be noted that, the total number of vehicles inspected does not necessarily mean the total number of road motor vehicles in the country. This is because military and other special purpose vehicles and those which failed to show up for inspection, due to various reasons, such as those which were in garages, for repair and maintenance are not usually included. And yet, it is the closest figure to the number of vehicles operating in the country.

Table R2 presents data on number of road motor vehicles inspected and registered in Ethiopia by type of plate. The figures indicate that the number of inspected vehicles has been steadily increasing for the period under review, i.e., 1993/94 - 1997/98. The figures for 1997/98 have shown an increase of about 47.6% compared to that of 1993/94, i.e., from

69,719 in 1993/94 to 102,880 in 1997/98. Private cars constitute the largest among the types in all the years. In 1997/98 private, commercial and government vehicles took 39.5, 33.1 and 12.6 percent of the total types in that order. Apart from this, Table R3 shows number of inspected and registered motor vehicles in Ethiopia by type and size. The figures in this table show that private cars were the largest type of vehicles inspected during the period under review followed by two types of trucks carrying up to 70 quintals and trucks with carrying capacity between 71-180 quintals. Out of the total 78,777 vehicles inspected in Addis Ababa in 1997/98, automobiles make up 57.3 percent. The comparative figure for 1998/99 stood at 61.5 percent (see Table R4).

Table R5 presents data on technical inspection of vehicles in Addis Ababa by type of plate, capacity and services. These figures do not include public transport and freight transport vehicles inspected during the same period in Addis Ababa. In 1998/99, a total of 40,052 old and 3,667 new vehicles in this category (automobiles, field vehicles, multi purpose, motor cycles, tractors and other small size vehicles) were registered. This is a decline of 5 and 2 percent as against old and new vehicles of the same type inspected in 1997/98, respectively. In a similar way Table R6 depicts inspected fuel transport vehicles for the years 1997/98 and 1998/99 in Addis Ababa. The figures reveal that there was a significant decline of inspected fuel transport vehicles in 1998/99 compared to that of 1997/98 i.e., it decreased from 1263 vehicles in 1997/98 to 938 in 1998/99 or a decline of 25.7 percent.

Fuel transport vehicles with a capacity of 10 - 12 thousand litres were the largest in number in both years among inspected fuel transport vehicles excluding the trailers. Likewise Table R7 presents data on number of inspected public transport vehicles in Addis Ababa for the same period.

Number of inspected freight transport vehicles by type of plate and carrying capacity in Addis Ababa is depicted in Table R8. A total of 14,469 freight transport vehicles were inspected in 1998/99 of which commercial cars make up 53.6 percent. From the total number of vehicles inspected by carrying capacity 4,674 of them (32.3 percent) were with carrying capacity less than 15 quintals.

Tables R9 and R10 deal with number of employees of Ethiopian Road Authority (ERA). The number of employees decreased by 25.4 percent from 15,079 in 1997/98 to 11,244 in 1998/99 (see Table R9). The figures in Table R10 depict that out of 11,244 employees in 1998/99, 79.5 percent of them were in salary group below Birr 505 - 604, while 3.7 percent were above salary group Birr 905 - 1,004.

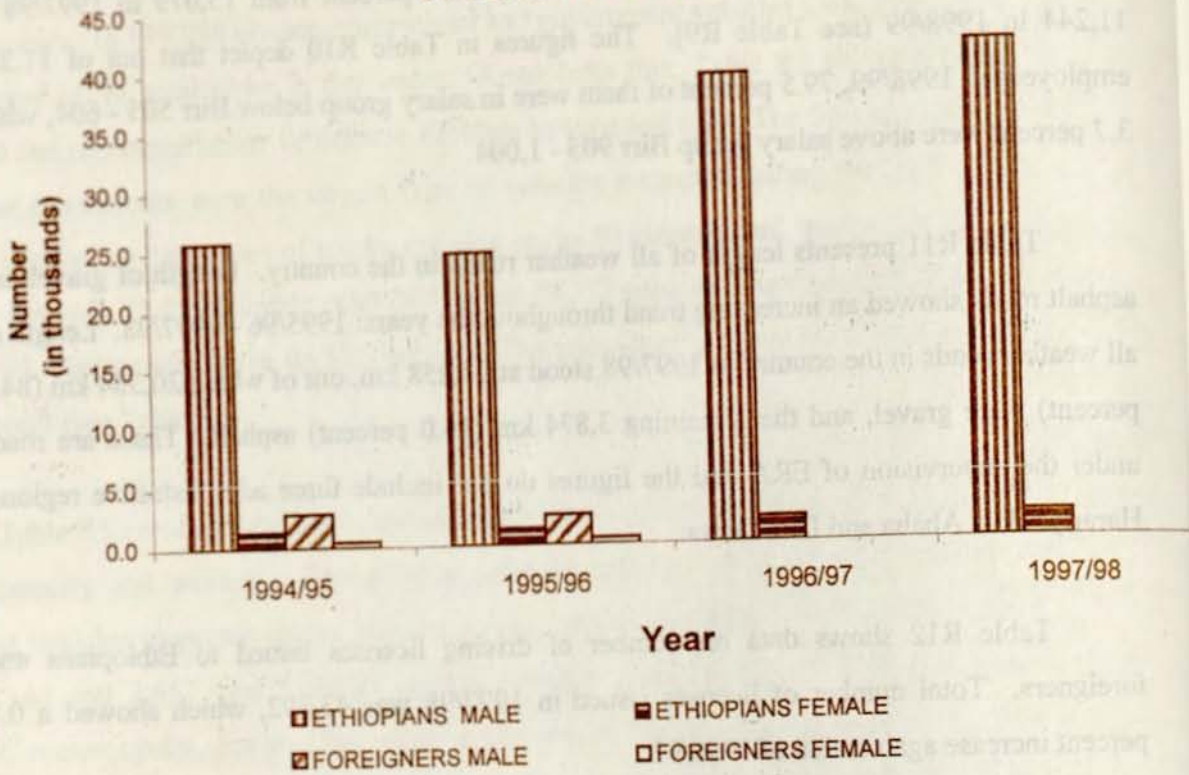
Table R11 presents length of all weather roads in the country. Length of gravel and asphalt roads showed an increasing trend throughout the years: 1995/96 - 1997/98. Length of all weather roads in the country in 1997/98 stood at 24,258 km, out of which 20,384 km (84.0 percent) were gravel, and the remaining 3,874 km (16.0 percent) asphalt. These are roads under the supervision of ERA and the figures do not include three administrative regions: Harari, Addis Ababa and Dire Dawa.

Table R12 shows data on number of driving licenses issued to Ethiopians and foreigners. Total number of licenses issued in 1997/98 was 43,392, which showed a 0.8 percent increase against that of 1996/97.

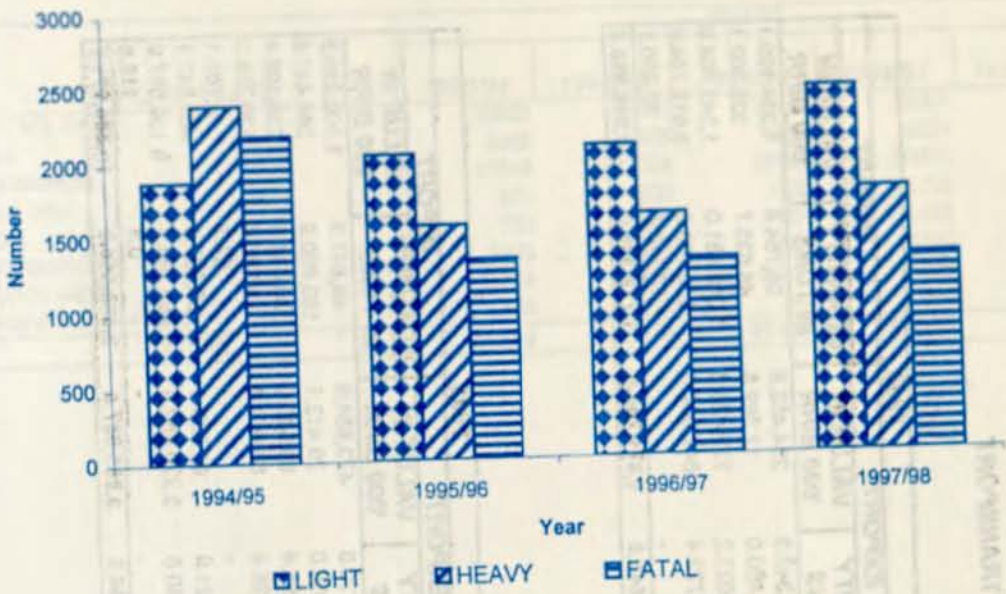
Finally, the last part in this section focuses on road motor vehicle traffic accidents, i.e., tables R14 and R15. These tables present data on motor vehicle traffic accidents in Ethiopia and Addis Ababa.



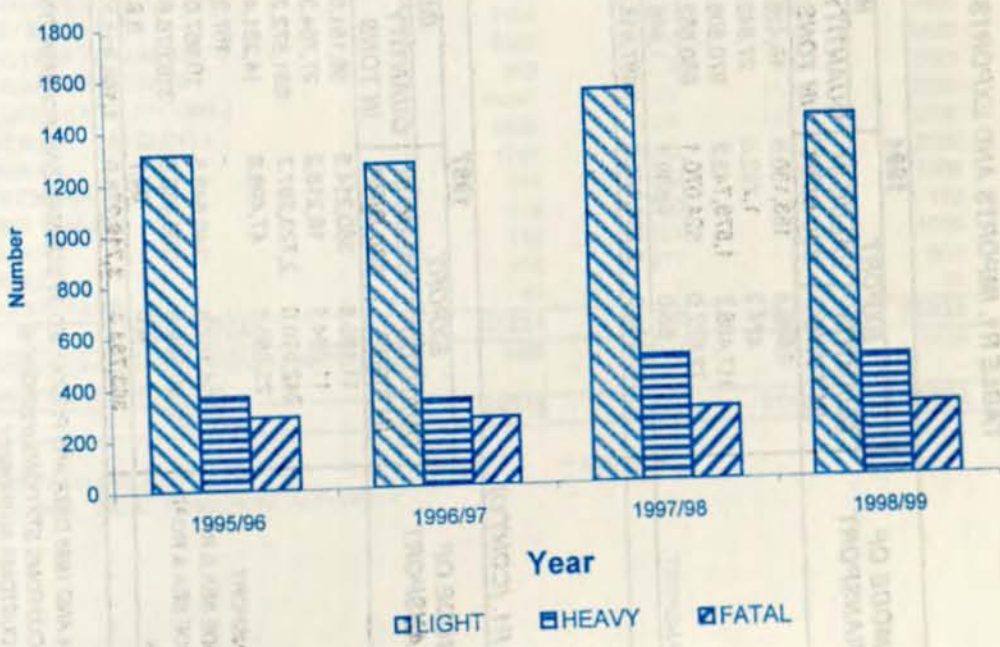
**Fig.1 - DRIVING LICENSES ISSUED  
BY SEX AND NATIONALITY**



**Fig. 2 - MOTOR VEHICLE TRAFFIC ACCIDENTS  
IN ETHIOPIA**



**Fig. 3 - MOTOR VEHICLE TRAFFIC ACCIDENTS  
IN ADDIS ABABA**



**TABLE R1. IMPORTS AND EXPORTS OF GOODS BY MODE OF TRANSPORT**

MODE OF TRANSPORT	1994				1995			
	EXPORT		IMPORT		EXPORT		IMPORT	
	QUANTITY IN TONS	VALUE IN '000 BIRR	QUANTITY IN TONS	VALUE IN '000 BIRR	QUANTITY IN TONS	VALUE IN '000 BIRR	QUANTITY IN TONS	VALUE IN '000 BIRR
AIR	6,985.1	183,130.3	16,426.1	368,835.8	7,342.3	234,452.8	55,764.8	1,234,199.1
ROAD	474.2	1,282.5	27,842.5	185,983.6	2,460.0	17,362.5	48,635.7	325,302.1
SEA	317,488.7	1,575,743.2	970,806.4	1,371,470.9	159,023.2	772,423.8	1,048,481.0	1,343,704.9
TRAIN	72,622.0	524,070.1	680,552.6	3,209,997.8	68,723.4	647,047.5	609,108.8	3,912,784.6
MAIL TRANSPORT	65.0	1,539.1	1,988.0	14,750.3	-	-	10,318.7	32,990.1
<b>TOTAL</b>	<b>397,635.0</b>	<b>2,285,765.2</b>	<b>1,697,615.6</b>	<b>5,151,038.4</b>	<b>237,548.9</b>	<b>1,671,286.6</b>	<b>1,772,309.0</b>	<b>6,848,980.8</b>

**TABLE R1. (CONT'D)**

MODE OF TRANSPORT	1997				1998			
	EXPORT		IMPORT		EXPORT		IMPORT	
	QUANTITY IN TONS	VALUE IN '000 BIRR	QUANTITY IN TONS	VALUE IN '000 BIRR	QUANTITY IN TONS	VALUE IN '000 BIRR	QUANTITY IN TONS	VALUE IN '000 BIRR
AIR	11,186.8	380,214.5	56,151.0	1,086,077.6	11,720.3	473,884.9	48,847.3	1,100,239.8
ROAD	11,094.1	16,218.2	27,764.3	158,945.7	2,005.0	29,413.1	153,890.9	264,447.6
SEA	242,510.0	2,728,297.7	681,572.2	4,048,461.3	8,651.4	89,640.0	30,811.6	238,108.4
TRAIN	23,851.3	47,498.8	14,231.4	169,929.7	20,825.4	65,664.4	24,385.6	120,765.0
MAIL TRANSPORT	-	-	167.3	2,212.1	-	-	67.7	2,787.1
MULTI-MODE SEA & RAIL	24,167.6	246,548.5	10,967.0	124,007.6	4,521.9	86,903.1	36,292.4	463,847.1
MULTI-MODE SEA & ROAD	50,969.5	300,435.6	316,076.6	1,900,325.7	193,760.5	3,220,482.3	3,259,363.1	8,196,657.9
UNKNOWN	4.0	64.7	3.9	619.3	-	-	0.3	118.8
<b>TOTAL</b>	<b>363,783.3</b>	<b>3,719,278.0</b>	<b>1,106,933.7</b>	<b>7,490,579.0</b>	<b>241,484.5</b>	<b>3,965,987.8</b>	<b>3,553,658.9</b>	<b>10,386,971.7</b>

NOTE: 1994 AND 1995 DATA ARE PRODUCED BY SUMMARIZING FOREIGN TRADE DATA

BY CUSTOMS STATIONS (REPORT 6)

SOURCE:- CUSTOMS AUTHORITY

**TABLE R2. NUMBER OF INSPECTED AND REGISTERED MOTOR VEHICLES  
IN ETHIOPIA BY TYPE OF PLATE**

TYPE OF PLATE	YEAR*				
	1993/94	1994/95	1995/96	1996/97	1997/98**
PRIVATE CARS	30928	34791	36167	39001	40608
TAXI	4869	6305	6595	6524	9847
COMMERCIAL	17046	23294	28990	30315	34033
UN & OAU	874	1200	1535	1098	1178
C.D.	733	587	751	1485	721
INTERNATIONAL ORGANIZATIONS	3493	3656	3561	3330	3310
GOVERNMENT	11338	13136	13510	14239	12983
MASS ORGANIZATIONS	438	310	348	510	200
<b>TOTAL</b>	<b>69719</b>	<b>83279</b>	<b>91457</b>	<b>96502</b>	<b>102880</b>

**TABLE R3. NUMBER OF INSPECTED AND REGISTERED MOTOR VEHICLES  
IN ETHIOPIA BY TYPE AND SIZE**

TYPE OF VEHICLE	YEAR*				
	1993/94	1994/95	1995/96	1996/97	1997/98**
PRIVATE CARS	30902	35686	35219	37906	42293
STATION WAGONS	6094	6101	7847	8090	5535
TAXI LESS THAN 5 SEATS	1705	1850	1935	2057	3786
TAXI 5 - 12 SEATS	3164	4455	4660	4465	6049
BUS LESS THAN 30 SEATS	5453	6994	7567	9635	9778
BUS ABOVE 30 SEATS	889	1699	2387	2625	2825
TRUCKS (UPTO 70 QUINT.)	10347	11069	11492	12286	13983
TRUCKS (71 - 180 QUINT.)	5866	8504	10713	10996	10778
TRAILER	1761	2505	3227	3698	2993
TRUCK-TRACTOR	515	480	1286	1108	1005
SEMI-TRAILER	478	360	971	190	353
TANKER	760	1191	994	1085	1236
TRAILER	276	877	900	856	815
SEMI-TRAILER	44	7	7	36	19
<b>SUB TOTAL</b>	<b>68254</b>	<b>81778</b>	<b>89205</b>	<b>95033</b>	<b>101448</b>
MOTOR CYCLES AND SPECIAL MACHINERY	1465	1501	2252	1469	1432
UNSPECIFIED VEHICLES	-	-	-	-	-
<b>TOTAL</b>	<b>69719</b>	<b>83279</b>	<b>91457</b>	<b>96502</b>	<b>102880</b>

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE: ROAD TRANSPORT AUTHORITY

**TABLE R4. TECHNICAL INSPECTION OF VEHICLES BY TYPE OF PLATE  
AND SERVICES IN ADDIS ABABA 1997/98**

TYPE OF PLATE	TYPE OF SERVICE					
	AUTOMOBILE		PUBLIC TRANSPORT		FREIGHT TRANSPORT	
	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	3852	445	524	125	1039	124
MASS ORGANIZATION VEHICLES	20	7	1	-	112	-
UNITED NATION CARS	722	62	41	1	168	28
DIPLOMATIC CARS	523	73	29	3	25	5
AID VEHICLES	1648	13	62	-	365	62
O.A.U CARS	88	10	-	-	1	-
COMMERCIAL CARS	1102	121	1358	308	8070	470
TAXI			9269	174	-	-
PRIVATE COMMERCIAL CARS	3070	432	756	63	3249	583
PRIVATE CARS	30683	2246	574	75	3686	259
<b>TOTAL</b>	<b>41708</b>	<b>3409</b>	<b>12614</b>	<b>749</b>	<b>16715</b>	<b>1531</b>

**TABLE R4. (CONT'D) 1997/98**

TYPE OF PLATE	TYPE OF SERVICE						GRAND TOTAL	
	FUEL TRANSPORT		MOTOR CYCLE		OTHERS			
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	32	1	164	70	54	13	5665	778
MASS ORGANIZATION VEHICLES	-	-	1	1	7	1	141	9
UNITED NATION CARS	-	-	-	16	1	2	932	109
DIPLOMATIC CARS	-	-	5	12	4	-	586	93
AID VEHICLES	1	-	18	123	11	2	2105	200
O.A.U CARS	-	-	-	-	-	-	89	10
COMMERCIAL CARS	1143	16	13	5	48	7	11734	927
TAXI	-	-	-	-	-	-	9269	174
PRIVATE COMMERCIAL CARS	60	9	26	18	3	1	7164	1106
PRIVATE CARS	1	-	84	60	16	2	35044	2642
<b>TOTAL</b>	<b>1237</b>	<b>26</b>	<b>311</b>	<b>305</b>	<b>144</b>	<b>28</b>	<b>72729</b>	<b>6048</b>

SOURCE :- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R4. (CONT'D) 1998/99

TYPE OF PLATE	TYPE OF SERVICE					
	AUTOMOBILE		PUBLIC TRANSPORT		FREIGHT TRANSPORT	
	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	4032	439	474	34	1265	230
MASS ORGANIZATION VEHICLES	122	61	1	-	77	-
UNITED NATION CARS	572	80	10	4	190	9
DIPLOMATIC CARS	583	92	22	3	27	3
AID VEHICLES	1666	121	118	8	356	11
O.A.U CARS	96	18	-	-	1	1
COMMERCIAL CARS	1597	268	479	85	6994	767
TAXI	-	-	7509	432	-	-
PRIVATE COMMERCIAL CARS	2018	413	818	58	1658	370
PRIVATE CARS	28925	1739	287	155	2503	7
<b>TOTAL</b>	<b>39611</b>	<b>3231</b>	<b>9718</b>	<b>779</b>	<b>13071</b>	<b>1398</b>

TABLE R4. (CONT'D) 1998/99

TYPE OF PLATE	TYPE OF SERVICE						GRAND TOTAL	
	FUEL TRANSPORT		MOTOR CYCLE		OTHERS		OLD	NEW
	OLD	NEW	OLD	NEW	OLD	NEW		
GOVERNMENT CARS	58	-	172	102	57	9	6058	456
MASS ORGANIZATION VEHICLES	-	-	1	-	6	-	207	61
UNITED NATION CARS	-	-	-	40	1	1	773	134
DIPLOMATIC CARS	-	-	5	-	4	-	641	98
AID VEHICLES	2	-	19	113	12	1	2173	254
O.A.U CARS	-	-	-	2	-	-	97	21
COMMERCIAL CARS	740	38	12	1	45	8	9867	1167
TAXI	-	-	-	-	-	-	7509	432
PRIVATE COMMERCIAL CARS	54	43	13	28	2	74	4563	986
PRIVATE CARS	3	-	76	54	15	3	31809	1958
<b>TOTAL</b>	<b>857</b>	<b>81</b>	<b>298</b>	<b>340</b>	<b>142</b>	<b>96</b>	<b>63697</b>	<b>5925</b>

SOURCE :- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R5. TECHNICAL INSPECTION OF VEHICLES BY TYPE OF PLATE, CAPACITY AND SERVICES (EXCLUDING PUBLIC AND FRIEGHT TRANSPORT VEHICLES) IN ADDIS ABABA 1997/98

TYPE OF PLATE	TYPE OF SERVICE								NUMBER	
	AUTOMOBILE*				FIELD VEHICLES		MULTI PURPOSE		TOTAL	
	BELOW 5 PERSONS		5 PERSONS AND ABOVE		OLD	NEW	OLD	NEW	OLD	NEW
	OLD	NEW	OLD	NEW						
GOVERNMENT CARS	1757	74	-	-	769	192	1326	179	3852	445
MASS ORGANIZATION VEHICLES	17	7	-	-	2	-	1	-	20	7
UNITED NATION CARS	455	40	-	-	206	15	61	7	722	82
DIPLOMATIC CARS	384	52	-	-	126	18	13	3	525	73
AID VEHICLES	998	13	-	-	322	-	328	-	1648	13
O.A.U CARS	74	9	-	-	9	1	5	-	88	10
COMMERCIAL CARS	158	39	-	-	427	10	517	72	1102	121
TAXI	-	-	-	-	-	-	-	-	0	0
PRIVATE COMMERCIAL CARS	1390	130	-	-	417	130	1263	172	3070	432
PRIVATE CARS	26376	1882	-	-	1590	155	2717	209	30683	2248
<b>TOTAL</b>	<b>31609</b>	<b>2246</b>	-	-	<b>3868</b>	<b>521</b>	<b>6231</b>	<b>642</b>	<b>41708</b>	<b>3409</b>

12

TABLE R5. (CONT'D) 1997/98

TYPE OF PLATE	TYPE OF SERVICE						TOTAL		GRAND TOTAL	
	MOTOR CYCLE		TRACTORS		OTHERS		OLD	NEW	OLD	NEW
	OLD	NEW	OLD	NEW	OLD	NEW				
GOVERNMENT CARS	164	70	-	-	54	13	218	83	4070	528
MASS ORGANIZATION VEHICLES	1	1	-	-	7	1	8	2	28	9
UNITED NATION CARS	-	16	-	-	1	2	1	18	723	80
DIPLOMATIC CARS	5	12	-	-	4	-	9	12	532	85
AID VEHICLES	18	123	-	-	11	2	29	125	1677	138
O.A.U CARS	-	-	-	-	-	-	0	0	88	10
COMMERCIAL CARS	13	5	-	-	48	7	61	12	1163	133
TAXI	-	-	-	-	-	-	0	0	0	0
PRIVATE COMMERCIAL CARS	26	18	-	-	3	1	29	19	3099	451
PRIVATE CARS	84	60	-	-	16	2	100	62	30783	2308
<b>TOTAL</b>	<b>311</b>	<b>305</b>	-	-	<b>144</b>	<b>28</b>	<b>455</b>	<b>333</b>	<b>42163</b>	<b>3742</b>

\* EXCLUDING THE DRIVER

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R5. (CONT'D) 1998/99

TYPE OF PLATE	TYPE OF SERVICE								NUMBER	
	AUTOMOBILE*				FIELD VEHICLES		MULTI PURPOSE		TOTAL	
	BELOW 5 PERSONS		5 PERSONS AND ABOVE		OLD	NEW	OLD	NEW	OLD	NEW
	OLD	NEW	OLD	NEW						
GOVERNMENT CARS	1791	81	-	-	924	102	1317	256	4032	439
MASS ORGANIZATION VEHICLES	93	61	-	-	16	-	13	-	122	61
UNITED NATION CARS	466	30	-	-	81	42	25	8	572	80
DIPLOMATIC CARS	468	77	-	-	105	9	10	6	583	92
AID VEHICLES	943	51	-	-	444	25	279	45	1666	121
O.A.U CARS	61	16	-	-	5	1	31	1	97	18
COMMERCIAL CARS	829	176	-	-	351	32	417	60	1597	268
TAXI	-	-	-	-	-	-	-	-	0	0
PRIVATE COMMERCIAL CARS	1422	185	-	-	343	42	253	186	2018	413
PRIVATE CARS	25205	1277	-	-	1660	246	2060	216	28925	1739
<b>TOTAL</b>	<b>31278</b>	<b>1954</b>	<b>-</b>	<b>-</b>	<b>3929</b>	<b>499</b>	<b>4405</b>	<b>778</b>	<b>39612</b>	<b>3231</b>

TABLE R5. (CONT'D) 1998/99

TYPE OF PLATE	TYPE OF SERVICE						NUMBER		GRAND TOTAL		
	MOTOR CYCLE		TRACTORS		OTHERS		TOTAL		OLD	NEW	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW			
GOVERNMENT CARS	172	102	-	-	3	57	6	229	111	4261	550
MASS ORGANIZATION VEHICLES	1	-	-	-	-	6	-	7	0	129	61
UNITED NATION CARS	-	40	-	-	-	1	1	1	41	573	121
DIPLOMATIC CARS	5	-	-	-	-	4	-	9	0	592	92
AID VEHICLES	19	113	-	-	-	12	1	31	114	1697	235
O.A.U CARS	-	2	-	-	-	-	-	0	2	97	20
COMMERCIAL CARS	12	1	-	-	-	45	8	57	9	1654	277
TAXI	-	-	-	-	-	-	-	0	0	0	0
PRIVATE COMMERCIAL CARS	13	28	-	-	1	2	73	15	102	2033	515
PRIVATE CARS	76	54	-	-	-	15	3	91	57	29016	1796
<b>TOTAL</b>	<b>298</b>	<b>340</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>142</b>	<b>92</b>	<b>440</b>	<b>436</b>	<b>40052</b>	<b>3667</b>

\* EXCLUDING THE DRIVER

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R6. TECHNICAL INSPECTION OF FUEL TRANSPORT VEHICLES BY TYPE OF PLATE  
AND CARRYING CAPACITY IN ADDIS ABABA 1997/98

TYPE OF PLATE	CARRYING CAPACITY IN '000 LITRE												NUMBER	
	< 10		10 - 12		13-14		> 14		TRAILER		TOTAL		GRAND TOTAL	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW		
GOVERNMENT CARS	20	1	8	-	-	-	-	-	-	4	-	32	1	33
MASS ORGANIZATION VEHICLES	-	-	-	-	-	-	-	-	-	-	-	-	-	-
UNITED NATION CARS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DIPLOMATIC CARS	-	-	-	-	-	-	-	-	-	-	-	1	-	1
AID VEHICLES	-	-	1	-	-	-	-	-	-	-	-	-	-	-
COMMERCIAL CARS	94	7	357	5	36	-	111	-	-	545	4	1143	16	1159
PRIVATE COMMERCIAL CARS	9	2	8	1	-	2	15	4	28	-	-	60	9	69
PRIVATE CARS	-	-	1	-	-	-	-	-	-	-	-	1	-	1
<b>TOTAL</b>	<b>123</b>	<b>10</b>	<b>375</b>	<b>6</b>	<b>36</b>	<b>2</b>	<b>126</b>	<b>4</b>	<b>577</b>	<b>4</b>	<b>1237</b>	<b>26</b>	<b>1263</b>	

TABLE R6 (CONT'D) 1998/99

TYPE OF PLATE	CARRYING CAPACITY IN '000 LITRE												NUMBER	
	< 10		10 - 12		13-14		> 14		TRAILER		TOTAL		GRAND TOTAL	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW		
GOVERNMENT CARS	21	-	4	-	-	-	8	-	25	-	58	-	58	
MASS ORGANIZATION VEHICLES	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNITED NATION CARS	-	-	-	-	-	-	-	-	2	-	2	-	2	
DIPLOMATIC CARS	-	-	-	-	-	-	-	-	-	-	-	-	-	
AID VEHICLES	-	-	-	-	-	-	-	-	-	-	-	-	-	
COMMERCIAL CARS	81	5	232	7	23	6	72	10	332	10	740	38	778	
PRIVATE COMMERCIAL CARS	2	2	2	4	-	3	6	9	44	25	54	43	97	
PRIVATE CARS	-	-	-	-	-	-	-	-	3	-	3	-	3	
<b>TOTAL</b>	<b>104</b>	<b>7</b>	<b>238</b>	<b>11</b>	<b>23</b>	<b>9</b>	<b>86</b>	<b>19</b>	<b>406</b>	<b>35</b>	<b>857</b>	<b>81</b>	<b>938</b>	

SOURCE - ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R7. TECHNICAL INSPECTION OF PUBLIC TRANSPORT VEHICLES BY TYPE OF PLATE  
AND CARRYING CAPACITY IN ADDIS ABABA 1997/98

TYPE OF PLATE	CARRYING CAPACITY								NUMBER		GRAND TOTAL
	< 13 PERSONS		13-29 PERSONS		30-45 PERSONS		> 45 PERSONS		TOTAL		
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	
GOVERNMENT CARS	-	-	406	99	60	10	58	16	524	125	649
MASS ORGANIZATION VEHICLES	-	-	1	-	-	-	-	-	1	-	1
UNITED NATION CARS	-	-	30	1	11	-	-	-	41	1	42
DIPLOMATIC CARS	-	-	27	2	2	1	-	-	29	3	32
AID VEHICLES	-	-	62	-	-	-	-	-	62	-	62
O.A.U CARS	-	-	-	-	-	-	-	-	-	-	-
COMMERCIAL CARS	-	-	274	58	470	102	614	148	1358	308	1666
TAXI	3810	40	5459	134	-	-	-	-	9269	174	9443
PRIVATE COMMERCIAL CARS	-	-	695	55	22	2	39	6	756	63	819
PRIVATE CARS	-	-	574	75	-	-	-	-	574	75	649
<b>TOTAL</b>	<b>3810</b>	<b>40</b>	<b>7528</b>	<b>424</b>	<b>565</b>	<b>115</b>	<b>711</b>	<b>170</b>	<b>12614</b>	<b>749</b>	<b>13363</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R7 (CONT'D) 1998/99

TYPE OF PLATE	CARRYING CAPACITY								NUMBER		GRAND TOTAL
	< 13 PERSONS		13-29 PERSONS		30-45 PERSONS		> 45 PERSONS		TOTAL		
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	
GOVERNMENT CARS	341	22	67	7	32	2	34	3	474	34	508
MASS ORGANIZATION VEHICLES	-	-	-	-	-	-	1	-	1	-	1
UNITED NATION CARS	-	4	10	-	-	-	-	-	10	4	14
DIPLOMATIC CARS	20	3	2	-	-	-	-	-	22	3	25
AID VEHICLES	100	8	17	-	-	-	1	-	118	8	126
O.A.U CARS	-	-	-	-	-	-	-	-	-	-	-
COMMERCIAL CARS	-	50	107	10	48	7	324	18	479	85	564
TAXI	7509	432	-	-	-	-	-	-	7509	432	7941
PRIVATE COMMERCIAL CARS	700	16	25	11	9	4	84	27	818	58	876
PRIVATE CARS	280	150	7	5	-	-	-	-	287	155	442
<b>TOTAL</b>	<b>8950</b>	<b>685</b>	<b>235</b>	<b>33</b>	<b>89</b>	<b>13</b>	<b>444</b>	<b>48</b>	<b>9718</b>	<b>779</b>	<b>10497</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R8. TECHNICAL INSPECTION OF FREIGHT TRANSPORT VEHICLES BY TYPE OF PLATE  
AND CARRYING CAPACITY IN ADDIS ABABA 1997/98

TYPE OF PLATE	CARRYING CAPACITY IN QUINTAL										NUMBER	
	< 15		15 - 35		36 - 70		71 - 120		121-180		TOTAL	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	640	87	42	4	55	10	174	10	-	-	911	111
MASS ORGANIZATION VEHICLES	14	-	-	-	-	-	76	-	-	-	90	0
UNITED NATION CARS	96	15	29	-	-	-	43	13	-	-	168	28
DIPLOMATIC CARS	18	5	3	-	1	-	3	-	-	-	25	5
AID VEHICLES	263	55	14	2	25	1	53	4	-	-	355	62
O.A.U CARS	1	-	-	-	-	-	-	-	-	-	1	0
COMMERCIAL CARS	947	53	1079	67	592	54	3383	212	-	-	6001	386
PRIVATE COMMERCIAL CARS	1549	338	353	1	136	20	945	156	-	-	2983	515
PRIVATE CARS	3570	259	25	-	10	-	45	-	-	-	3650	259
<b>TOTAL</b>	<b>7098</b>	<b>812</b>	<b>1545</b>	<b>74</b>	<b>819</b>	<b>85</b>	<b>4722</b>	<b>395</b>	<b>-</b>	<b>-</b>	<b>14184</b>	<b>1366</b>

16

TABLE R8. (CONT'D) 1997/98

TYPE OF PLATE	OTHER TYPE OF FREIGHT TRANSPORT VEHICLES								NUMBER	
	TRAILER		PULLER		SPECIAL TRAILERS		TOTAL		GRAND TOTAL	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	79	7	22	1	27	5	128	13	1039	124
MASS ORGANIZATION VEHICLES	22	-	-	-	-	-	22	-	112	-
UNITED NATION CARS	-	-	-	-	-	-	-	-	168	28
DIPLOMATIC CARS	-	-	-	-	-	-	-	-	25	5
AID VEHICLES	8	-	1	-	1	-	10	-	365	62
O.A.U CARS	-	-	-	-	-	-	-	-	1	-
COMMERCIAL CARS	1317	54	439	10	313	20	2069	84	8070	470
PRIVATE COMMERCIAL CARS	84	38	119	10	63	20	266	68	3249	583
PRIVATE CARS	26	-	10	-	-	-	36	-	3686	259
<b>TOTAL</b>	<b>1536</b>	<b>99</b>	<b>591</b>	<b>21</b>	<b>404</b>	<b>45</b>	<b>2531</b>	<b>165</b>	<b>16715</b>	<b>1531</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R8. LENGTH OF ALL WEATHER ROADS IN K.M.  
BY TYPE AND REGIONAL STATES

TABLE R8. (CONT'D) 1998/99

TYPE OF PLATE	CARRYING CAPACITY IN QUINTAL										NUMBER	
	< 15		15 - 35		36 - 70		71 - 120		121-180		TOTAL	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	472	-	138	60	114	47	222	53	100	67	1046	227
MASS ORGANIZATION VEHICLES	12	-	-	-	-	-	43	-	2	-	57	0
UNITED NATION CARS	156	-	29	-	1	9	4	-	-	-	190	9
DIPLOMATIC CARS	21	-	2	-	1	3	3	-	-	-	27	3
AID VEHICLES	228	-	26	-	42	7	47	2	4	-	347	9
O.A.U CARS	1	-	-	-	-	1	-	-	-	-	1	1
COMMERCIAL CARS	835	-	893	341	568	97	1824	135	670	87	4790	660
PRIVATE COMMERCIAL CARS	535	3	189	92	61	50	315	93	87	75	1187	313
PRIVATE CARS	2410	1	30	2	9	2	40	-	5	-	2494	5
<b>TOTAL</b>	<b>4670</b>	<b>4</b>	<b>1307</b>	<b>495</b>	<b>796</b>	<b>216</b>	<b>2498</b>	<b>283</b>	<b>868</b>	<b>229</b>	<b>10139</b>	<b>1227</b>

TABLE R8. (CONT'D) 1998/99

TYPE OF PLATE	OTHER TYPE OF FREIGHT TRANSPORT VEHICLES								NUMBER	
	TRAILER		PULLER		SPECIAL TRAILERS		TOTAL		GRAND TOTAL	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	139	1	16	1	64	1	219	3	1265	230
MASS ORGANIZATION VEHICLES	19	-	1	-	-	-	20	-	77	-
UNITED NATION CARS	-	-	-	-	-	-	-	-	190	9
DIPLOMATIC CARS	-	-	-	-	-	-	-	-	27	3
AID VEHICLES	9	1	-	-	-	1	9	2	356	11
O.A.U CARS	-	-	-	-	-	-	-	-	1	1
COMMERCIAL CARS	1350	91	574	4	280	12	2204	107	6994	767
PRIVATE COMMERCIAL CARS	369	9	46	36	56	12	471	57	1658	370
PRIVATE CARS	7	1	1	-	1	1	9	2	2503	7
<b>TOTAL</b>	<b>1893</b>	<b>103</b>	<b>638</b>	<b>41</b>	<b>401</b>	<b>27</b>	<b>2932</b>	<b>171</b>	<b>13071</b>	<b>1398</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

**TABLE R9. NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY  
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1995/96*			1997/98*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	41	1	42	42	2	44	...	...	...
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	2366	87	2453	2362	86	2448	...	...	...
3. CLERICAL AND RELATED PERSONNEL	572	335	907	850	369	1219	...	...	...
4. SALES WORKERS	181	32	213	12	2	14	...	...	...
5. SERVICE WORKERS	...	...	...	253	54	307	...	...	...
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	7228	543	7771	10890	157	11047	...	...	...
7. OTHERS	3798	245	4043	-	-	-	...	...	...
<b>TOTAL</b>	<b>14186</b>	<b>1243</b>	<b>15429</b>	<b>14409</b>	<b>670</b>	<b>15079</b>	<b>10627</b>	<b>617</b>	<b>11244</b>

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1996/97 ARE NOT AVAILABLE

SOURCE:- ETHIOPIAN ROAD AUTHORITY

**TABLE R10. NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY  
BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	8012	89	8101	4679	60	4739
205-304	2551	147	2698	1876	120	1996
305-404	555	77	632	312	58	370
405-504	1318	98	1416	1709	120	1829
505-604	542	118	660	581	109	690
605-704	502	102	604	279	76	355
705-804	74	18	92	213	45	258
805-904	498	15	513	537	20	557
905-1004	25	1	26	26	2	28
1005-1104	90	2	92	144	3	147
1105-1204	2	-	2	1	-	1
1205-1304	44	-	44	50	1	51
1305 & ABOVE	192	7	199	220	3	223
<b>TOTAL</b>	<b>14405</b>	<b>674</b>	<b>15079</b>	<b>10627</b>	<b>617</b>	<b>11244</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN ROAD AUTHORITY

**TABLE R11. LENGTH OF ALL WEATHER ROADS (IN KM)  
BY TYPE AND REGIONAL STATES**

REGIONAL STATE	1995/96*			1996/97*			1997/98*		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
TIGRAY	644	35	679	1420	220	1640	1471	220	1691
AFFAR	99	693	792	467	673	1140	484	673	1157
AMHARA	2556	565	3121	4269	565	4834	4381	565	4946
OROMIYA	4911	2064	6975	8604	2064	10668	8621	2064	10685
SOMALIA	1216	...	1216	1284	-	1284	1349	-	1349
BENISHANGUL-GUMUZ	404	...	404	424	-	424	424	-	424
SNNP	1961	299	2260	2625	299	2924	2722	352	3074
GAMBELLA	322	...	322	932	-	932	932	-	932
HARARI	...	...	...	-	-	-	-	-	-
ADDIS ABABA	...	...	...	-	-	-	-	-	-
DIRE DAWA	...	...	...	-	-	-	-	-	-
<b>TOTAL</b>	<b>12113</b>	<b>3656</b>	<b>15769</b>	<b>20025</b>	<b>3821</b>	<b>23846</b>	<b>20384</b>	<b>3874</b>	<b>24258</b>

\* YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN ROAD AUTHORITY

**TABLE R12. NUMBER OF DRIVING LICENCES ISSUED(NEW)  
BY NATIONALITY AND SEX**

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1993/94	25149	1508	26657	2717	375	3092	29749
1994/95	25774	1355	27129	2927	469	3396	30525
1995/96	24640	1420	26060	2496	483	2979	29039
1996/97	38994	2020	41014	1635	408	2043	43057
1997/98	41263	2129	43392	-	-	-	43392

\*YEAR ENDING JULY 7

SOURCE:- REGIONAL STATES' TRANSPORT AND COMMUNICATION BUREAUX

**TABLE R13. MOTOR VEHICLE TRAFFIC ACCIDENTS IN ADDIS ABABA**

YEAR*	TOTAL NUMBER OF ACCIDENTS				TOTAL
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	
1995/96	1312	370	286	4234	6202
1996/97	1261	340	264	4987	6852
1997/98	1527	487	283	6284	8581
1998/99	1409	470	280	5186	7345

**TABLE R13. (CONT'D)**

YEAR*	NUMBER OF DEATHS			TOTAL	NUMBER OF PERSONS INJURED			TOTAL
	YOUNG	MATURED**	OLD		YOUNG	MATURED**	OLD	
1995/96	129	115	61	305	1299	554	211	2064
1996/97	147	85	51	283	1203	545	241	1989
1997/98	164	91	45	300	1392	657	291	2340
1998/99	147	81	60	288	1402	562	276	2240

\*YEAR ENDING JULY 7

\*\* 19 - 55 YEARS OF AGE

NOTE: LIGHT - OUTGOING PATIENT; HEAVY - IN PATIENT.  
HOWEVER THE DEGREE OF INJURY, I.e., LIGHT AND  
HEAVY IS DETERMINED BY THE PHYSICIAN WHO  
HAS EXAMINED THE VICTIMS OF THE ACCIDENT

SOURCE :- FEDERAL POLICE CENTRAL BUREAU

**TABLE R14. MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA**

YEAR*	TOTAL NUMBER OF ACCIDENTS				TOTAL
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	
1995/96	2044	1568	1335	5553	10500
1996/97	2080	1618	1314	6512	11524
1997/98	2444	1762	1313	7783	13302

**TABLE R14. (CONT'D)**

YEAR*	NUMBER OF DEATHS			TOTAL
	YOUNG	MATURED	OLD	
1995/96	990	533	179	1702
1996/97	1003	495	169	1667
1997/98	1045	475	173	1693

**TABLE R14. (CONT'D)**

YEAR*	NUMBER OF PERSONS INJURED			TOTAL
	YOUNG	MATURED	OLD	
1995/96	4030	1974	501	6505
1996/97	4361	2021	602	6984
1997/98	4581	2154	700	7435

SOURCE :- FEDERAL POLICE CENTRAL BUREAU

**TABLE R15. NUMBER OF ROAD MOTOR VEHICLE TRAFFIC ACCIDENTS  
IN ETHIOPIA AND ADDIS ABABA BY TYPE OF VEHICLES**

VEHICLES INVOLVED BY TYPE	1996/97*		1997/98*		1998/99*	
	IN ETHIOPIA	OF WHICH ADDIS ABABA	IN ETHIOPIA	OF WHICH ADDIS ABABA	IN ETHIOPIA	OF WHICH ADDIS ABABA
PRIVATE CARS	7349	3812	8508	4947	...	4110
TAXI	1958	1783	2295	2136	...	1570
BUSES	1573	620	1722	874	...	771
TRUCKS	4192	1617	4870	2081	...	1652
GOVERNMENT CARS	2091	1296	2410	1614	...	1404
MILITARY CARS	106	69	144	82	...	83
DIPLOMATIC CARS	79	71	71	66	...	83
UNITED NATIONS CARS+	67	51	86	51	...	55
MOTOR CYCLES	103	25	125	45	...	40
CYCLES	89	32	101	39	...	47
CART	25	3	27	6	...	-
SPECIAL VEHICLES	65	-	57	3	...	2
OTHER	7129	4315	6188	5218	...	4873
<b>TOTAL</b>	<b>24826</b>	<b>13694</b>	<b>26604</b>	<b>17162</b>	...	<b>14690</b>

\*YEAR ENDING JULY 7

SOURCE :- FEDERAL POLICE CENTRAL BUREAU

## 1.2 RAILWAY STATISTICS

For slightly more than a century now (102 years) the Ethio-Djibouti Railway is one of the most important means of transportation and link to the outside world for Ethiopia. The route covers 781 km from Addis Ababa to the port city of Djibouti. The Railway Company plays an important role in transporting imports, exports, internal freight and passengers (international and local). The company employs the nationals of the two countries, Ethiopia and Djibouti.

This section of the bulletin refers to data on number of employees engaged and the activities of the company from 1994/95 to 1998/99. The data presented in tables W1-W9 covers data on rolling stocks, passengers carried, quantity of freight transported and financial operation of the company.

Tables W1 – W2 deal with number of employees categorized by occupation and salary groups. From these tables, it can be inferred that there was a declining trend in the number of employees, except in 1998/99, during which there was a rise of 4.2 percent compared to that of 1997/98.

The number of rolling stocks for most of the years showed little or no change except in 1998/99, during which it showed an increase of 1.4 percent, i.e., from 648 in 1997/98 to 657 in 1998/99. For details refer to Table W3.

Table W4 depicts that, both number of passengers and amount of freight carried exhibited ups and downs during the referred years. Number of passengers transported was at its peak in 1997/98 while at its lowest in 1994/95. Among 730.0 thousand passengers in 1998/99 about 9.6 percent were 1<sup>st</sup> and 2<sup>nd</sup> class passengers, while the rest 90.4 percent were 3<sup>rd</sup> class passengers. The comparative figures for 1994/95 were 27.3 percent for 1<sup>st</sup> and 2<sup>nd</sup> class and 72.7 percent, for 3<sup>rd</sup> class passengers. Despite the fluctuations there was an increase of 42.1 percent in 1998/99 in total number of passengers compared to that of 1994/95. On the other hand in 1998/99 passenger km and average km per passenger showed an increase of 26.1 and 35.8 percent compared to 1997/98. Out of 270.0 thousand tons freight carried in

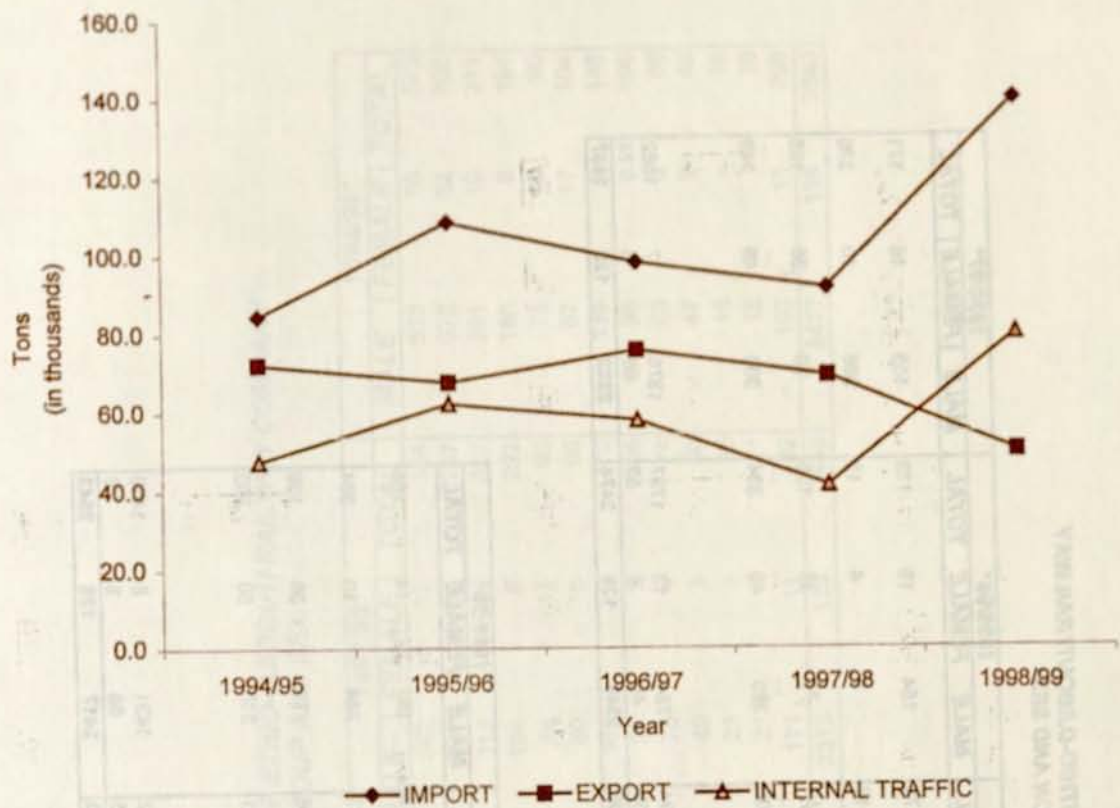
1998/99, 140.0 thousand tons (51.9 percent) were imports, 50.0 thousand tons (18.5 percent) exports and 80.0 thousand tons (29.6 percent) internal freight.

As a whole, imports were the dominant type of goods carried by the company. In 1998/99, fuels, lubricants and related materials, miscellaneous articles and food and live animals were the three major items transported, taking 25.8, 25.3 and 23.1 percent of the total import value, respectively. During the same year food and live animals were the dominant export items making 63.2 percent of the total followed by miscellaneous articles (35.2 percent) and manufactured articles 1.4 percent. In internal traffic food and live animals took the biggest share (64.9 percent) followed by miscellaneous articles (17.5 percent) and machinery and transport equipment (13.5 percent) in that order during 1998/99. For details refer to W5 - W7.

Financial operations of the company during the period under review (1994/95 - 1998/99) indicate that, the company gained more from freight, than passengers and other sources combined. To put into figures, in 1998/99 out of Birr 65.6 million the company gained, Birr 51.0 million came from freight, Birr 13.4 million from passengers and the rest Birr 1.2 million was from other sources (see Table W8). As to the expenses of the company, the data in the table reveals that, personnel expenditure took the biggest share during the same period.

In general, revenue and expenditure of the company followed an upward but oscillating trend, throughout the years 1994/95 - 1998/99. Nevertheless, as could be observed from the data in the same table, expenditure of the company was higher than the revenue except for 1996/97 and 1998/99. The company gained a profit of Birr 2.4 million in 1998/99.

Fig. 4 - FREIGHT TRANSPORTED  
BY ETHIO-DJIBOUTI RAILWAY



**TABLE W1. NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY OCCUPATION AND SEX**

OCCUPATION GROUP	1994/95*			1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	153	18	171	154	19	173	155	16	171
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	13	3	16	9	4	13	366	10	376
3. CLERICAL AND RELATED PERSONNEL	73	38	111	70	35	105	70	35	105
4. SALES WORKERS	...	...	...	...	...	...	...	...	...
5. SERVICE WORKERS	359	47	406	285	49	334	300	49	349
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1784	10	1794	1784	13	1797	1375	7	1382
7. OTHERS	47	5	52	46	6	52	66	8	74
<b>TOTAL</b>	<b>2429</b>	<b>121</b>	<b>2550</b>	<b>2348</b>	<b>126</b>	<b>2474</b>	<b>2332</b>	<b>125</b>	<b>2457</b>

**TABLE W1. (CONT'D)**

OCCUPATION GROUP	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	158	15	173	151	14	165
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	360	13	373	384	10	394
3. CLERICAL AND RELATED PERSONNEL	62	34	96	73	36	109
4. SALES WORKERS	...	...	...	...	...	...
5. SERVICE WORKERS	284	47	331	310	50	360
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1345	7	1352	1431	8	1439
7. OTHERS	106	9	115	68	8	76
<b>TOTAL</b>	<b>2315</b>	<b>125</b>	<b>2440</b>	<b>2417</b>	<b>126</b>	<b>2543</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W2. NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY  
BY SALARY GROUP AND SEX

SALARY GROUP IN BIRR	1996/97*			1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	300	17	317	342	12	354	513	16	529
205-304	843	31	874	707	30	737	676	32	708
305-404	335	14	349	313	14	327	301	10	311
405-504	147	7	154	194	8	202	186	8	194
505-604	68	17	85	84	12	96	78	12	90
605-704	80	9	89	80	16	96	87	17	104
705-804	116	7	123	162	8	170	139	7	146
805-904	91	10	101	97	9	106	98	8	106
905-1004	72	3	75	70	4	74	63	3	66
1005-1104	55	1	56	49	1	50	47	2	49
1105-1204	28	-	28	25	-	25	16	-	16
1205-1304	14	-	14	21	-	21	16	-	16
1305 & ABOVE	183	9	192	171	11	182	197	11	208
<b>TOTAL</b>	<b>2332</b>	<b>125</b>	<b>2457</b>	<b>2315</b>	<b>125</b>	<b>2440</b>	<b>2417</b>	<b>126</b>	<b>2543</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W3. NUMBER OF ROLLING STOCKS OF ETHIO-DJIBOUTI RAILWAY**

	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
LENGTH OF RAILWAYS (KM)	781	781	781	781	781
ROLLING STOCKS (NUMBER) :	648	648	649	648	657
(I) STEAM LOCOMOTIVES AND LOCOTRACTORS	6	6	6	6	7
(II) DIESEL-ELECTRIC LOCOMOTIVES	16	16	17	17	17
(III) PASSENGER CARS	31	31	31	31	31
(IV) FREIGHT CARS	590	590	590	590	590
(V) AUTORAILS	5	5	5	4	5
(VI) OTHERS	-	-	-	-	7

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W4. PASSENGERS AND FREIGHT CARRIED BY  
ETHIO- DJIBOUTI RAILWAY COMPANY**

YEAR*	PASSENGERS ('000)			PASSENGER KM MILLION	AVERAGE KMS PER PASSENGER
	1st and 2nd CLASS	3rd CLASS	TOTAL		
1994/95	140.3	373.6	513.9	150.7	293.3
1995/96	114.0	652.2	766.2	166.6	217.5
1996/97	124.5	637.1	761.6	156.9	206.0
1997/98	146.3	641.2	787.5	119.0	151.0
1998/99	70.0	660.0	730.0	150.0	205.0

**TABLE W4. (CONT'D)**

YEAR*	FREIGHT ('000 TONS)				COMMERCIAL TRAFFIC MILLION-TON/KMS	AVERAGE KM/TON OF COMM. TRAFFIC
	IMPORT	EXPORT	INTERNAL TRAFFIC	TOTAL		
1994/95	84.6	72.3	47.7	204.6	93.0	454.6
1995/96	108.6	67.7	62.3	238.6	104.0	435.9
1996/97	98.3	75.8	58.0	232.1	106.0	456.7
1997/98	91.7	69.3	41.3	202.3	90.3	446.4
1998/99	140.0	50.0	80.0	270.0	116.0	430.0

\*YEAR ENDING JULY 7

NOTE: 1) PASSENGER KM = NUMBER OF PASSENGERS X KM

2) TON KM = TON X KM

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W5. IMPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY  
BY TYPE OF COMMODITY**

COMMODITY	QUANTITY IN '000 TONS				
	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
FOOD AND LIVE ANIMALS	9.0	28.6	20.5	19.1	32.4
BEVERAGES AND TOBACCO	-	-	0.1	0.1	0.4
CRUDE MATERIALS EXCEPT FUELS	0.1	-	0.3	0.3	0.3
FUELS, LUBRICANTS AND RELATED MATERIALS	27.7	35.0	30.3	28.2	36.1
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	6.9	1.1	11.3	10.6	14.0
MANUFACTURED ARTICLES	27.1	7.7	16.0	14.9	18.8
MACHINERY AND TRANSPORT EQUIPMENT	2.4	1.8	2.8	2.6	2.6
MISCELLANEOUS ARTICLES N.E.S	11.5	34.4	17.0	15.9	35.4
<b>TOTAL</b>	<b>84.7</b>	<b>108.6</b>	<b>98.3</b>	<b>91.7</b>	<b>140.0</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W6. EXPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY  
BY TYPE OF COMMODITY**

COMMODITY	QUANTITY IN '000 TONS				
	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
FOOD AND LIVE ANIMALS	62.9	58.9	54.8	61.6	31.6
BEVERAGES AND TOBACCO	-	0.1	0.0	-	-
CRUDE MATERIALS EXCEPT FUELS	-	-	-	-	-
FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	-	-	-
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	0.1
CHEMICALS AND COMPOUNDS	-	-	-	1.1	0.7
MANUFACTURED ARTICLES	0.4	0.4	-	-	-
MACHINERY AND TRANSPORT EQUIPMENT	-	-	0.0	0.2	0.0
MISCELLANEOUS ARTICLES N.E.S	9.0	8.3	20.9	6.4	17.6
<b>TOTAL</b>	<b>72.3</b>	<b>67.7</b>	<b>75.8</b>	<b>69.3</b>	<b>50.0</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W7. INTERNAL TRANSPORT OF GOODS BY THE ETHIO-DJIBOUTI RAILWAY  
BY TYPE OF COMMODITY**

COMMODITY	QUANTITY IN '000 TONS				
	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
FOOD AND LIVE ANIMALS	32.7	46.1	41.1	29.2	51.9
BEVERAGES AND TOBACCO	0.7	0.1	0.1	0.1	0.1
CRUDE MATERIALS EXCEPT FUELS	3	1.1	1.2	0.9	2.4
FUELS, LUBRICANTS AND RELATED MATERIALS	0.3	0.1	0.2	0.2	0.3
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	-	1.1	0.5	0.3	0.5
MANUFACTURED ARTICLES	6.7	7.1	7.0	5.0	...
MACHINERY AND TRANSPORT EQUIPMENT	1.2	1.8	2.0	1.4	10.8
MISCELLANEOUS ARTICLES N.E.S	3.1	4.8	5.9	4.2	14.0
<b>TOTAL</b>	<b>47.7</b>	<b>62.2</b>	<b>58.0</b>	<b>41.3</b>	<b>80.0</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W8. FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY**

YEAR*	REVENUE IN '000 BIRR				EXPENDITURE IN '000 BIRR			
	PASSENGER	FREIGHT	OTHERS	TOTAL	PERSONNEL	MATERIAL AND OTHER	PROVISIONS FOR WORK AND RENEWAL**	TOTAL
1994/95	12696.7	30462.6	1671.4	44830.7	28934.9	21609.7	2045.0	52589.6
1995/96	13184.0	39388.0	2505.0	55077.0	30723.0	27159.0	2200.0	60082.0
1996/97	11874.3	39008.6	2048.0	52930.9	30341.2	11899.6	8167.4	50408.2
1997/98	12936.8	38316.3	1910.0	53163.1	28799.0	20195.0	5215.0	54209.0
1998/99	13430.0	50965.0	1160.0	65555.0	31350.0	29345.0*	2500.0	63195.0

\*YEAR ENDING JULY 7

+ INCLUDES INTEREST

\*\* TYPE OF EXPENSE ALLOTTED TO OTHER EXPENSES AND MAINTENANCE

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

### 1.3 SHIPPING LINES STATISTICS

Ethiopian Shipping Lines Enterprise is a domestic company, which is, mainly engaged in transporting commercial goods from country to country through its international route. In the following few pages, data that show number of employees of the enterprise and its activities are presented.

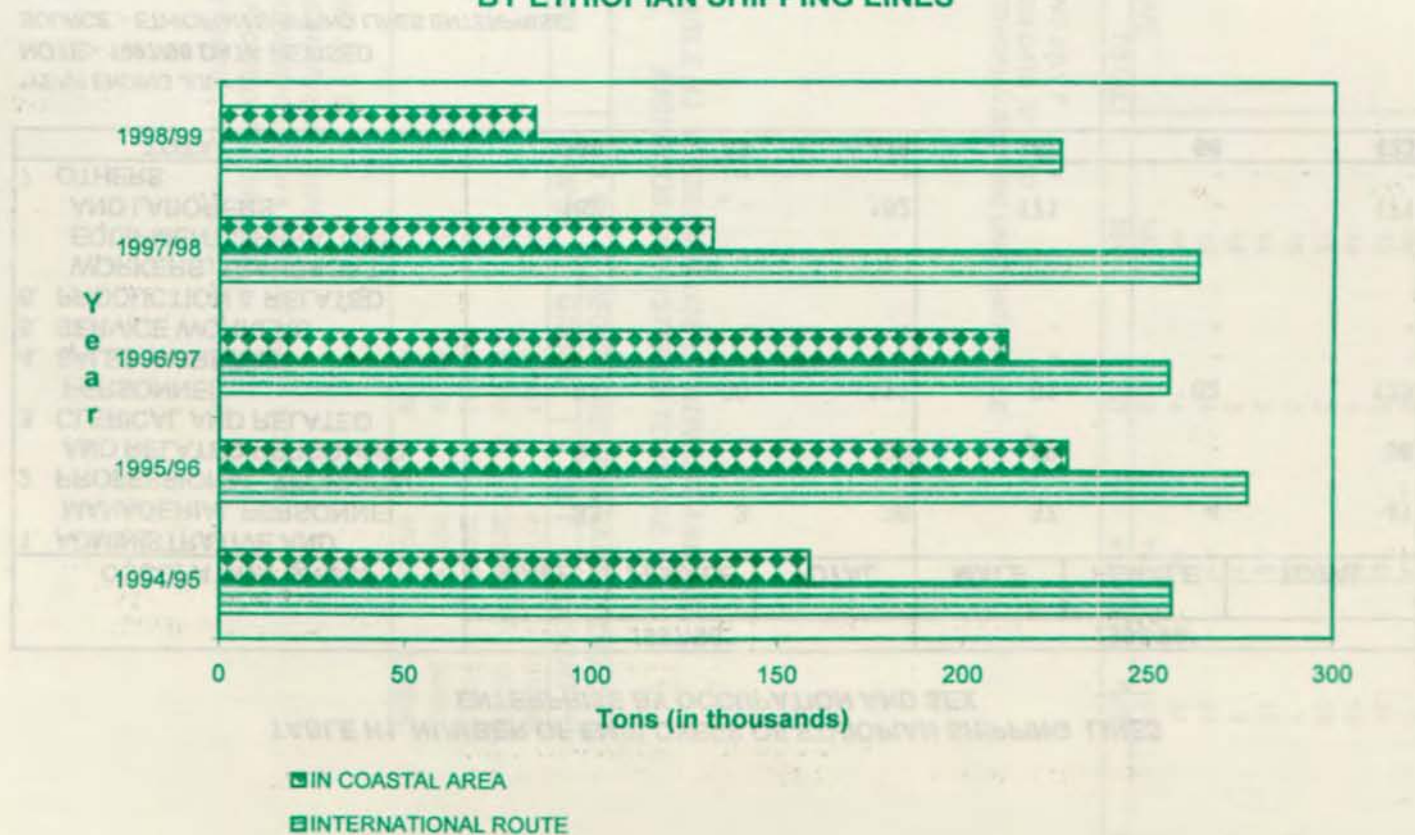
Tables H1 - H2 present data on the number of employees by occupation and salary group. From these tables one can observe that the number of employees of the enterprise in 1998/99 has slightly increased (0.9 percent) compared to its level in 1997/98. In 1998/99 most of the employees were production and related workers, transport equipment operators and laborers, followed by clerical and related personnel, and the third biggest category of employees is the professional, technical and related personnel. The picture for the preceding year is the same. If we look at the number of employees by salary group, the single largest group is of those earning Birr 1,305 and above, i.e., 210 employees (49.6 percent) in 1998/99 and 194 (46.3) percent in 1997/98.

Table H3 presents data on vessels in use, by number and net and gross registered tonnage. During the period 1994/95 to 1998/99 the enterprise owned 13 ships in the first year, in the following two years it had 12 ships and the number of ships further declined to 11 in 1997/98 and returned to 12 in 1998/99.

Freight carried by Ethiopian Shipping Lines Enterprise is summarized in Table H4. Volume of freight carried was at its peak in 1995/96, and at its lowest level in 1998/99. In 1998/99 volume of freight carried in international route decreased by 14.2 percent, compared to that of 1997/98, which was 263.1 thousand tons. Likewise freight carried in the coastal area showed ups and downs during the period under review exhibiting its lowest level in 1998/99 at 84,531 tons and the comparative figures for 1997/98 stood at 132,374 tons.

As far as the financial operations of the Ethiopian Shipping Lines Enterprise are concerned, revenue of the company was at its lowest in 1998/99 and at its highest in 1995/96. Similarly expenditure of the company was at its highest in 1995/96 and at its lowest in 1998/99. Meanwhile the company has incurred a loss of almost Birr 20.0 million in 1998/99.

**Fig. 5 - FREIGHT TRANSPORTED  
BY ETHIOPIAN SHIPPING LINES**



**TABLE H1. NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES  
ENTERPRISE BY OCCUPATION AND SEX**

OCCUPATION GROUP	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	33	3	36	37	4	41
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	90	-	90	88	-	88
3. CLERICAL AND RELATED PERSONNEL	61	50	111	61	62	123
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	-	-	-	-	-	-
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	182	-	182	171	-	171
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>366</b>	<b>53</b>	<b>419</b>	<b>357</b>	<b>66</b>	<b>423</b>

\*YEAR ENDING JULY 7

NOTE:- 1997/98 DATA REVISED

SOURCE :- ETHIOPIAN SHIPPING LINES ENTERPRISE

**TABLE H2. NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES ENTERPRISE BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	-	-	-	-	-	-
205-304	19	3	22	13	1	14
305-404	-	2	2	-	2	2
405-504	20	3	23	9	-	9
505-604	13	3	16	34	-	34
605-704	14	1	15	18	2	20
705-804	15	3	18	18	3	21
805-904	16	3	19	1	25	26
905-1004	14	2	16	11	-	11
1005-1104	14	3	17	7	2	9
1105-1204	13	4	17	21	6	27
1205-1304	46	14	60	34	6	40
1305 & ABOVE	182	12	194	191	19	210
<b>TOTAL</b>	<b>366</b>	<b>53</b>	<b>419</b>	<b>357</b>	<b>66</b>	<b>423</b>

\*YEAR ENDING JULY 7

NOTE:- 1997/98 DATA REVISED

SOURCE :- ETHIOPIAN SHIPPING LINES ENTERPRISE

**TABLE H3. VESSELS IN USE BY NUMBER AND NET AND GROSS REGISTERED TONNAGE**

YEAR*	NO. OF SHIPS**	REGISTERED TONNAGE		DEAD WEIGHT***
		GROSS	NET	
1994/95	13	87587	41747	101696
1995/96	12	82503	39029	95041
1996/97	12	82503	39029	95041
1997/98	11	81508	38731	94689
1998/99	12	65159	46203	112834

\*YEAR ENDING JULY 7

\*\*EXCLUDING CHARTERED SHIPS

\*\*\* THE TOTAL WEIGHT WHICH A SHIP CAN CARRY, INCLUDING CARGO, PROVISIONS, CREW, ..ETC.

SOURCE :- ETHIOPIAN SHIPPING LINES ENTERPRISE

**TABLE H4. FREIGHT CARRIED BY ETHIOPIAN SHIPPING LINES ENTERPRISE**

YEAR*	NO. OF SHIPS**	FREIGHT CARRIED (TONS) INTERNATIONAL ROUTE			FREIGHT CARRIED (TONS) IN COASTAL AREA			GRAND TOTAL (TONS)
		LOADED	UNLOADED	TOTAL	DRY CARGO	FUEL	TOTAL	
1994/95	13	49222	206964	256186	3512	155090	158602	414788
1995/96	12	42602	234251	276853	965	227269	228234	505087
1996/97	12	42803	212580	255383	453	211369	211822	467205
1997/98	11	36855	226297	263152	4990	127384	132374	395526
1998/99	12	16251	209647	225898	2383	82148	84531	310429

\*YEAR ENDING JULY 7

SOURCE :- ETHIOPIAN SHIPPING LINES ENTERPRISE

**TABLE H5. FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES ENTERPRISE**

IN '000 BIRR

YEAR*	REVENUE	EXPENDITURE
1994/95	279971	248324
1995/96	320171	287319
1996/97**	301618	285227
1997/98**	252218	254750
1998/99	206988	226956

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE :- ETHIOPIAN SHIPPING LINES ENTERPRISE

## 1.4 AVIATION STATISTICS

Air transport is one of the main transport systems in the country. The order and speed of socio-economic development has received further focus with the beginning of modern transport facilities. In such situation air transport is of vital importance. Air transport plays a considerable role in Ethiopia in transporting goods and passengers. Air transport is also the fastest of all modes of transport, which makes it indispensable for a speedy travel.

This part of the bulletin presents data on the number of persons employed, passengers carried, aircraft landing and take off, type of airport and aircraft, volume of cargo carried and financial operation of the Civil Aviation Authority and Ethiopian Airlines.

The Civil Aviation Authority had a staff of 1014 in 1998 (see Table A1). As shown in Table A6, the Authority administered 33 domestic and 2 international airports, i.e., Bole in Addis Ababa and Yilma Abatena in Dire Dawa. Table A4 presents capital expenditure by type and location. The Authority spent Birr 31.6 and 103.7 million in 1997/98 and 1998/99 for the expansion of Addis Ababa airport, respectively. Apart from this the Authority spent Birr 59.7 and 57.5 million for the construction of new facilities in other areas, other than Addis Ababa and Dire Dawa during the same period.

As indicated in Table A5 in 1998/99, 14 types of aircraft belonging to nine airlines landed at Bole. The frequency of landing of eight airlines (excluding Ethiopian Airlines) totaled 68 per month. The frequency of landing showed a rise of 6.3 percent in 1998/99 compared to that of 1997/98.

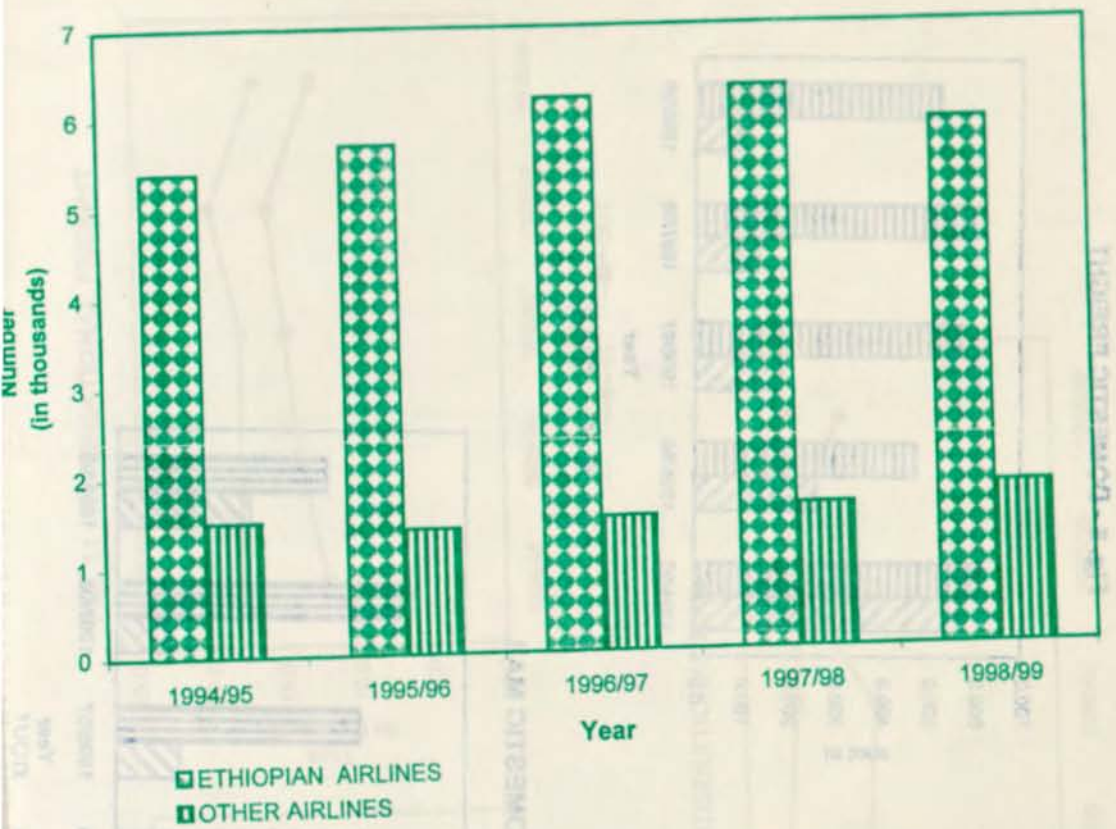
As could be seen from the data in Table A7, number of scheduled international aircraft movements (landing and take-off) at Bole decreased from 8,049 in 1997/98 to 7,924 in 1998/99, i.e., a decline of 1.6 percent. From Table A8 one can see that, the number of domestic passengers decreased from 299,164 in 1997/98 to 231,673 in 1998/99, that is a decline of 22.6 percent. Likewise domestic cargo decreased by 17.9 percent, from 763 tons in 1997/98 to 626 tons in 1998/99. On the other hand, domestic mail carried in 1998/99

showed a rise of 1.7 percent as against a year before. Referring to international traffic at Bole, aircraft movement has increased throughout the years, except in 1998/99 during which it has decreased by 2.9 percent compared to its level in 1997/98. Likewise in 1998/99 passengers and international cargo have decreased by 10.0 and 17.5 percent compared to a year before (see Table A9). Tables A10, A11 and A12 show domestic and international traffic scheduled in Addis Ababa and Dire Dawa International airports. Number of aircraft passes through Ethiopia's air space is presented in Table A13. The service charge gained in 1997/98 was almost the same as that of 1996/97, which was 15.5 million.

The national carrier, Ethiopian Airlines had 3,648 employees in 1998/99, of which female employees accounted for 23.3 percent of the company's work force (see Table A14). Number of employees of Ethiopian Airlines by continent and sex is illustrated in Table A16. With respect to geographic distribution, in 1998/99 there were 3,469 employees of Ethiopian Airlines in Africa (including Ethiopia) while the comparative figure for Europe stands at 86. Table A18 deals with the number and type of aircraft of Ethiopian Airlines used for international and domestic services. In 1997/98 out of 23 aircraft, 20 of them were 2 engine types and 3 were 4-engine types. In 1998/99 the number of 4-engine types aircraft decreased by one while the 2-engine types increased by one.

As shown in Table A22, Ethiopian Airlines has collected a revenue of Birr 1,830 million in 1998/99 of which 1,230 million (67.2 percent) and 370 million (20.2 percent) were from passengers and freight, respectively. The expenditure of Ethiopian Airlines showed an upward trend during 1994/95 - 1998/99 (refer to Table A23). Thus, the expenditure of Ethiopian Airlines increased by 8.5 percent from 1,673 million in 1997/98 to Birr 1,816 million in 1998/99. However, Ethiopian Airlines gained a profit of Birr 14 million in 1998/99.

**Fig. 6 - TRAFFIC AT BOLE (ADDIS ABABA)  
INTERNATIONAL AIRPORT, AIRCRAFT MOVEMENT**



# DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT

Fig. 7 - DOMESTIC PASSENGERS

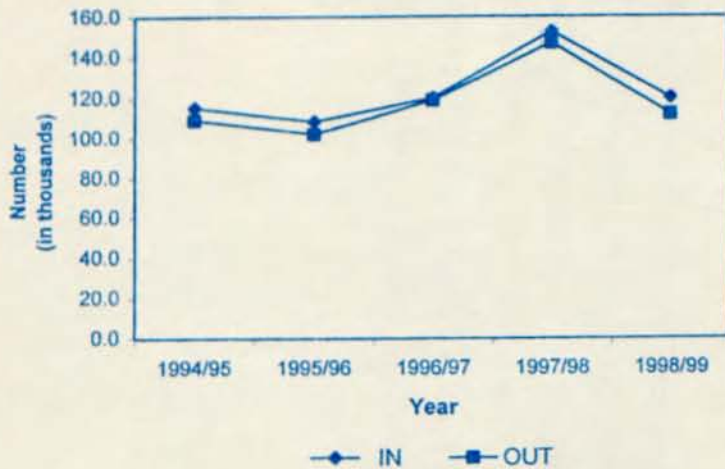


Fig. 8 - DOMESTIC FREIGHT

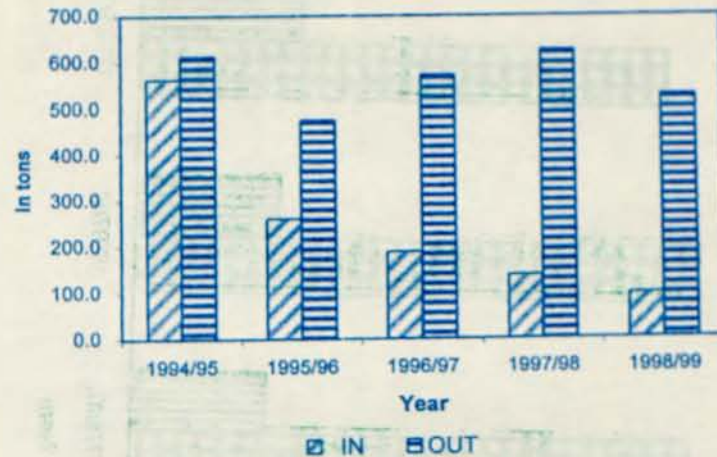
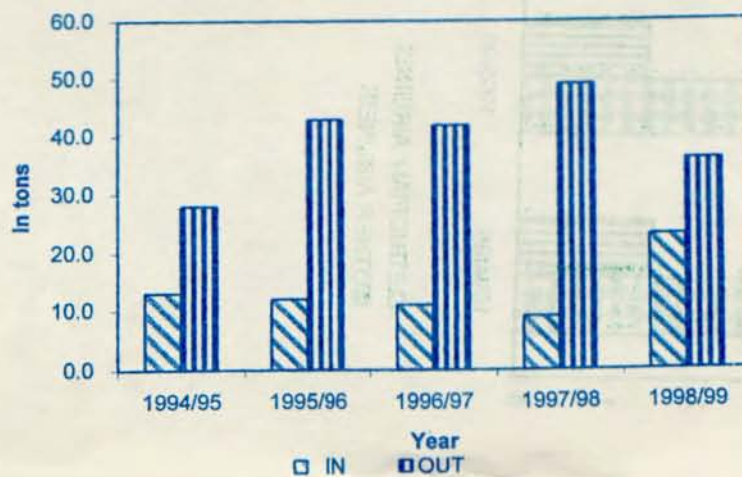
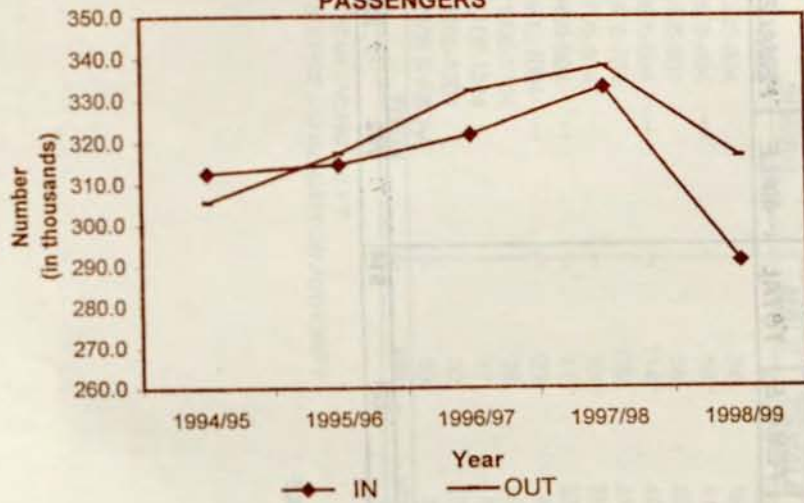


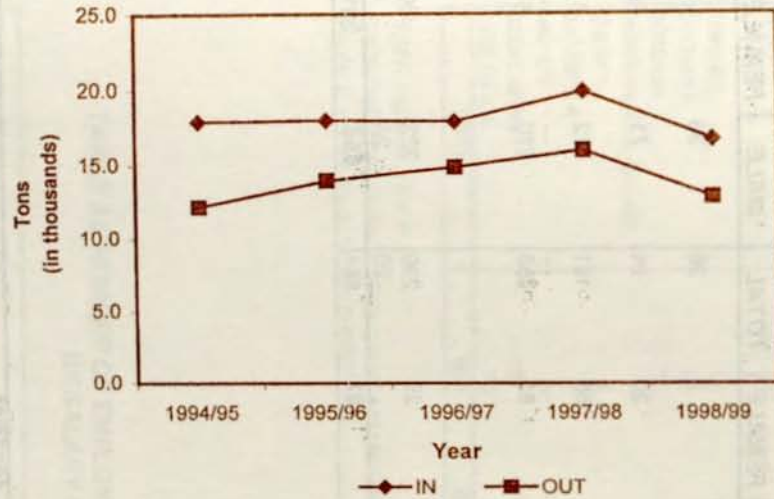
Fig. 9 - DOMESTIC MAIL



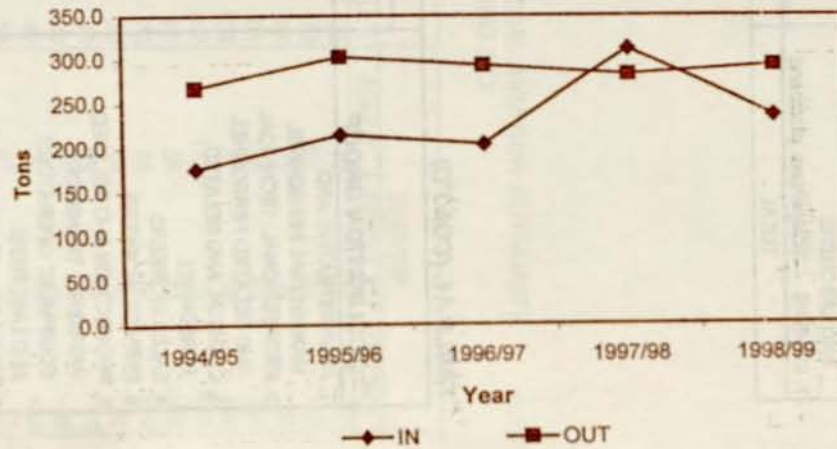
**Fig. 10 - INTERNATIONAL PASSENGERS**



**Fig. 11 - INTERNATIONAL FREIGHT**



**Fig. 12 - INTERNATIONAL MAIL**



**TABLE A1. NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY  
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	24	2	26	33	1	34
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	74	20	94	71	28	99
3. CLERICAL AND RELATED PERSONNEL	96	65	161	72	61	133
4. SALES WORKERS	...	...	...	...	...	...
5. SERVICE WORKERS	272	81	353	270	81	351
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	201	29	230	223	30	253
7. OTHERS (Carpenters, plumbers)	20	-	20	26	-	26
<b>TOTAL</b>	<b>687</b>	<b>197</b>	<b>884</b>	<b>695</b>	<b>201</b>	<b>896</b>

**TABLE A1. (CONT'D)**

OCCUPATION GROUP	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	...	...	...	...	...	...
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	...	...	...	...	...	...
3. CLERICAL AND RELATED PERSONNEL	...	...	...	...	...	...
4. SALES WORKERS	...	...	...	...	...	...
5. SERVICE WORKERS	...	...	...	...	...	...
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	...	...	...	...	...	...
7. OTHERS (Carpenters, plumbers)	...	...	...	...	...	...
<b>TOTAL</b>	<b>693</b>	<b>221</b>	<b>914</b>	<b>792</b>	<b>222</b>	<b>1014</b>

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1997/98 & 1998/99 IS NOT AVAILABLE  
BY OCCUPATION AND SEX BREAKDOWN

SOURCE :- CIVIL AVIATION AUTHORITY

**TABLE A2. NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY  
BY REGION AND SEX**

REGIONAL STATE	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	24	8	32	32	8	40
AFAR	-	-	-	-	-	-
AMHARA	53	13	66	63	15	78
OROMIYA	26	5	31	27	7	34
SOMALIA	12	2	14	12	2	14
BENISHANGUL-GUMUZ	-	-	-	-	-	-
SNNP**	4	1	5	6	1	7
GAMBELLA	8	-	8	8	-	8
HARARI	-	-	-	-	-	-
ADDIS ABABA	487	178	665	561	178	739
DIRE DAWA	79	14	93	83	11	94
<b>TOTAL</b>	<b>693</b>	<b>221</b>	<b>914</b>	<b>792</b>	<b>222</b>	<b>1014</b>

\*YEAR ENDING JULY 7

\*\* SOUTHERN NATIONS NATIONALITIES AND PEOPLES' REGION

SOURCE :- CIVIL AVIATION AUTHORITY

**TABLE A3. NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY  
BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	8	12	20	10	17	27
205-304	54	19	73	81	22	103
305-404	55	11	66	81	8	89
405-504	56	25	81	108	23	131
505-604	114	45	159	87	38	125
605-704	126	26	152	112	24	136
705-804	63	25	88	58	10	68
805-904	51	22	73	48	24	72
905-1004	23	6	29	14	6	20
1005-1104	36	10	46	64	28	92
1105-1204	17	5	22	26	4	30
1205-1304	30	12	42	36	13	49
1305 & ABOVE	60	3	63	67	5	72
<b>TOTAL</b>	<b>693</b>	<b>221</b>	<b>914</b>	<b>792</b>	<b>222</b>	<b>1014</b>

\*YEAR ENDING JULY 7

SOURCE :- CIVIL AVIATION AUTHORITY

**TABLE A4. CAPITAL EXPENDITURE BY TYPE AND LOCATION**

IN '000 BIRR

YEAR*	LOCATION	TYPE			TOTAL
		NEW	MAINTENANCE	EXPANSION	
1994/95	ADDIS ABABA	15692.0	3781.0	-	19473.0
	DIRE DAWA	3187.0	113.0	-	3300.0
	OTHERS	23086.0	2149.0	-	25235.0
	TOTAL	41965.0	6043.0	-	48008.0
1995/96	ADDIS ABABA	19594.0	515.0	1978.0	22087.0
	DIRE DAWA	571.0	3093.0	-	3664.0
	OTHERS	83858.0	458.0	-	84316.0
	TOTAL	104023.0	4066.0	1978.0	110067.0
1996/97	ADDIS ABABA	744.3	477.6	35795.7	37017.6
	DIRE DAWA	992.4	-	2527.9	3520.3
	OTHERS	50440.7	4135.2	-	54576.0
	TOTAL	52177.4	4612.8	38323.6	95113.9
1997/98	ADDIS ABABA	712.1	-	31552.5	32264.6
	DIRE DAWA	18.8	-	1120.9	1139.7
	OTHERS	59656.4	1822.7	-	61479.1
	TOTAL	60387.3	1822.7	32673.4	94883.4
1998/99	ADDIS ABABA	392.5	-	103679.9	104072.4
	DIRE DAWA	-	-	365.0	365.0
	OTHERS	57504.2	1551.6	-	59055.8
	TOTAL	57896.7	1551.6	104044.9	163493.2

\*YEAR ENDING JULY 7

DATA FOR 1996/97 AND 1997/98 ARE REVISED

SOURCE :- CIVIL AVIATION AUTHORITY

**TABLE A5. SCHEDULED INTERNATIONAL AIR SERVICES OPERATED TO BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT BY TYPE OF AIRLINES, AIR CRAFT AND SERVICE CHARGE**

1996/97*				
SR.NO.	AIRLINES	AIRCRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AEROFLOT	TU154	2	113,132.23
2	ALITALIA	B767	8	....
3	ALYEMDA	-	-	....
4	CHINA	-	-	....
5	ETHIOPIAN AIRLINES	B707/B737/B757/B767/L100/ATR42	232	16,971,441.13
6	EGYPT AIR	B707, B737, A320	8	381,427.73
7	KENYA AIR WAYS	B737	8	355,551.22
8	LUFTHANSA	A300/A310/B727, DC8, B727	12	2,284,250.52
9	YEMEN AIR WAYS	B727, B737	4	252,502.68
10	SUDAN AIR WAYS	-	-	....
11	SAUDIA	A300/DC8	12	1,104,058.54
12	GERMAN CARGO	-	-	....
13	PUNTAVIA (AIR DJIBOUTI)	AN26, B707, B727, TU54	8	344,589.86
TOTAL			294	21,806,953.91

**TABLE A5. (CONT'D)**

1997/98*				
SR.NO.	AIRLINES	AIRCRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AEROFLOT	TU154	4	182,100.40
2	ALITALIA	B767	8	822,140.04
3	ALYEMDA	-	-	-
4	CHINA	-	-	-
5	ETHIOPIAN AIRLINES	B707/B737/B757/B767/L100/ATR42	244	20,101,166.28
6	EGYPT AIR	A300	8	436,507.32
7	KENYA AIR WAYS	B737	8	433,517.65
8	LUFTHANSA	A300/A310, B727	12	2,238,461.24
9	YEMEN AIR WAYS	B727, B737	4	255,130.66
10	SUDAN AIR WAYS	-	-	-
11	SAUDIA	A300	12	1,266,850.07
12	GERMAN CARGO	-	-	-
13	PUNTAVIA (AIR DJIBOUTI)	AN12, AN24, AN26, L410, TU54	8	180,318.25
TOTAL			308	25,916,191.91

**TABLE A5. (CONT'D)**

1998/99*				
SR.NO.	AIRLINES	AIRCRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AEROFLOT	TU154	4	195,287.69
2	ALITALIA	B767	8	1,524,345.78
3	DAALLO AIRLINES	AN24, L410	8	39,938.87
4	CHINA	-	-	-
5	ETHIOPIAN AIRLINES	B707/B737/B757/B767/L100/ATR42	254	20,438,215.89
6	EGYPT AIR	B737, B767, A320	8	446,568.83
7	KENYA AIR WAYS	B737	12	547,044.73
8	LUFTHANSA	A300/A310, B727	12	2,164,047.64
9	YEMEN AIR WAYS	B727, B737	8	482,684.41
10	SUDAN AIR WAYS	-	-	....
11	SAUDIA	A300	8	....
12	GERMAN CARGO	-	-	....
13	PUNTAVIA (AIR DJIBOUTI)	-	-	....
TOTAL			322	25,838,133.84

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1996/97 & 1997/98 ARE REVISED

SOURCE:- CIVIL AVIATION AUTHORITY

**TABLE A6. LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE OF AIRPORT 1998/99\***

SR.NO.	REGIONAL STATE	AIRPORT	TYPE
1	ADDIS ABABA ADMINISTRATION	ADDIS ABABA	INTERNATIONAL
2	AMHARA	BAHIR DAR	DOMESTIC
3	"	DEBREMAROS	"
4	"	DESSIE	"
5	"	GENDA WUHA	"
6	"	GONDAR	"
7	"	LALIBELLA	"
8	"	MAKANE SELAM	"
9	BENISHANGUL-GUMUZ	ASSOSA	"
10	DIRE DAWA	DIRE DAWA	INTERNATIONAL
11	GAMBELLA	GAMBELLA	DOMESTIC
12	OROMIYA	BEICA	"
13	"	DEMBI DOLLO	"
14	"	GORE	"
15	"	JIMMA	"
16	"	MENDI	"
17	"	NEJO	"
18	"	NEKEMT	"
19	"	NEGELE	"
20	"	GOBA	"
21	SOMALI	GODE	"
22	"	JIJIGA	"
23	"	KELAFO	"
24	"	SHILAVO	"
25	"	KEBREDAHAR	"
26	SNNP	ARBA MINCH	"
27	"	JINKA	"
28	"	MIZAN TEFERI	"
29	"	SODDO	"
30	"	TEPPI	"
31	"	TUM	"
32	TIGRAY	AXUM	"
33	"	HUMERA	"
34	"	MEKELE	"
35	"	INDASELASSIE	"

\*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

1994/95

NAME OF AIRPORT	AIRCRAFT MOVEMENT											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	3474	3434	6908	280	265	545	462	459	921	4216	4158	8374
YILMA ABA TENA DEJ.(DIRE DAWA)	513	561	1074	11	9	20	30	27	57	554	597	1151
<b>TOTAL</b>	<b>3987</b>	<b>3995</b>	<b>7982</b>	<b>291</b>	<b>274</b>	<b>565</b>	<b>492</b>	<b>486</b>	<b>978</b>	<b>4770</b>	<b>4755</b>	<b>9525</b>

TABLE A7. (CONT'D) 1995/96\*

NAME OF AIRPORT	AIRCRAFT MOVEMENT											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	3582	3532	7114	153	148	301	345	344	689	4080	4024	8104
YILMA ABA TENA DEJ.(DIRE DAWA)	477	530	1007	7	5	12	7	5	12	491	540	1031
<b>TOTAL</b>	<b>4059</b>	<b>4062</b>	<b>8121</b>	<b>160</b>	<b>153</b>	<b>313</b>	<b>352</b>	<b>349</b>	<b>701</b>	<b>4571</b>	<b>4564</b>	<b>9135</b>

TABLE A7. (CONT'D) 1996/97\*

NAME OF AIRPORT	AIRCRAFT MOVEMENT*											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	3564	3564	7128	335	335	670	274	274	548	4173	4173	8346
YILMA ABA TENA DEJ.(DIRE DAWA)	437	437	874	6	7	13	7	6	13	450	450	900
<b>TOTAL</b>	<b>4001</b>	<b>4001</b>	<b>8002</b>	<b>341</b>	<b>342</b>	<b>683</b>	<b>281</b>	<b>280</b>	<b>561</b>	<b>4623</b>	<b>4623</b>	<b>9246</b>

TABLE A7. (CONT'D) 1997/98\*

NAME OF AIRPORT	AIRCRAFT MOVEMENT*											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	3583	3582	7165	354	353	707	322	321	643	4259	4256	8515
YILMA ABA TENA DEJ.(DIRE DAWA)	442	442	884	6	6	12	22	22	44	470	470	940
<b>TOTAL</b>	<b>4025</b>	<b>4024</b>	<b>8049</b>	<b>360</b>	<b>359</b>	<b>719</b>	<b>344</b>	<b>343</b>	<b>687</b>	<b>4729</b>	<b>4726</b>	<b>9455</b>

TABLE A7. (CONT'D) 1998/99\*

NAME OF AIRPORT	AIRCRAFT MOVEMENT*											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	3522	3522	7044	260	260	520	277	276	553	4059	4058	8117
YILMA ABA TENA DEJ.(DIRE DAWA)	440	440	880	18	18	36	11	11	22	469	469	938
<b>TOTAL</b>	<b>3962</b>	<b>3962</b>	<b>7924</b>	<b>278</b>	<b>278</b>	<b>556</b>	<b>288</b>	<b>287</b>	<b>575</b>	<b>4528</b>	<b>4527</b>	<b>9055</b>

\*YEAR ENDING JULY 7

+ REVISED

\*\*NON-SCHEDULED :- PRIVATE, SPECIAL, MILITARY AND SIMILAR FLIGHTS

\*\*\*OTHERS :- TEST, TRAINING, RESEARCH AND FORCED  
RETURN DUE TO MECHANICAL FAILURES

SOURCE :- CIVIL AVIATION AUTHORITY

**TABLE A8. BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT  
DOMESTIC TRAFFIC SCHEDULED**

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1994/95	6495	115296	109321	224617	564.0	613.0	1177.0	13.0	28.0	41.0
1995/96	6181	108351	102248	210599	261.0	477.0	738.0	12.0	43.0	55.0
1996/97**	7171	119953	119038	238991	189.0	573.0	762.0	11.0	42.0	53.0
1997/98**	8439	152326	146838	299164	138.0	625.0	763.0	9.0	49.0	58.0
1998/99	6563	119778	111895	231673	97.0	529.0	626.0	23.0	36.0	59.0

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE:- CIVIL AVIATION AUTHORITY

**TABLE A9. BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT  
INTERNATIONAL TRAFFIC SCHEDULED**

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1994/95	6908	312622	305643	1608	619873	17909.0	12172.0	30081.0	176.0	267.0	443.0
1995/96	7114	314898	317517	2610	635025	17969.0	14036.0	32005.0	215.0	303.0	518.0
1996/97**	7798	321977	332443	2470	656890	17869.0	14893.0	32762.0	204.0	293.0	497.0
1997/98**	7872	333349	338190	3985	675524	19913.0	15995.0	35908.0	312.0	282.0	594.0
1998/99	7645	291211	316577	387	608175	16723.0	12912.0	29635.0	236.0	293.0	529.0

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A10. BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC  
BY CARRIER SCHEDULED

YEAR*	AIRCRAFT MOVEMENT	ETHIOPIAN AIRLINES								
		PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1994/95	5423	259977	258380	518357	14655	11279	25934	22	235	257
1995/96	5679	259270	265691	524961	15123	13004	28127	45	275	320
1996/97**	6253	275023	268385	543408	14882	13931	28813	41	254	295
1997/98**	6287	273501	270032	543533	16594	15034	31628	98	239	337
1998/99	5889	236974	254071	491045	14044	11419	25463	67	254	321

TABLE A10. (CONT'D)

YEAR*	AIRCRAFT MOVEMENT	OTHER AIRLINES								
		PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1994/95	1485	52645	47263	99908	3254	893	4147	154	32	186
1995/96	1435	54921	51826	106747	2874	1032	3906	170	28	198
1996/97**	1545	46954	64058	111012	2987	962	3949	163	39	202
1997/98**	1585	59848	68158	128006	3319	961	4280	214	43	257
1998/99	1756	54237	62506	116743	2679	1493	4172	169	39	208

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A11. DEJ. YIELMA A.TENA (DIRE DAWA) INTERNATIONAL AIRPORT  
DOMESTIC TRAFFIC SCHEDULED

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1994/95	1440	44250	43844	88094	6.0	667.0	673	0.1	7.0	7.1
1995/96	1371	37505	38371	75876	0.3	600.0	600.3	-	17.0	17.0
1996/97**	2085	40054	40944	80998	-	384.0	384.0	-	10.0	10.0
1997/98**	2445	43574	43291	86865	43.0	431.0	474.0	-	14.0	14.0
1998/99	2320	37170	36535	73705	-	385.0	385.0	-	20.0	20.0

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A12. DEJ. YIELMA A.TENA (DIRE DAWA) INTERNATIONAL AIRPORT  
INTERNATIONAL TRAFFIC SCHEDULED

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1994/95	1074	4388	4988	9376	70.0	4150.0	4220.0	0.1	-	0.1
1995/96	1007	4955	4940	9895	1.8	4211.0	4212.8	0.1	0.3	0.4
1996/97**	887	4054	4294	8348	55.0	3933.0	3988.0	-	10.0	10.0
1997/98**	896	3959	3513	7472	84.0	3721.0	3805.0	-	-	-
1998/99	916	3212	3282	6494	113.0	3507.0	3620.0	-	-	-

\*YEAR ENDING JULY 7

\*\* REVISED

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A13. NUMBER OF AIRCRAFT PASSES THROUGH ETHIOPIA'S AIRSPACE

TYPE OF PASS	1993/94*		1994/95*		1995/96*	
	NUMBER OF PASSES	SERVICE CHARGE IN '000 BIRR	NUMBER OF PASSES	SERVICE CHARGE IN '000 BIRR	NUMBER OF PASSES	SERVICE CHARGE IN '000 BIRR
SCHEDULED	14001	12742	...	...	...	...
UNSCHEDULED	9725	670	...	...	...	...
TOTAL	23726	13412	23094	14371	21759	15524

TABLE A13. (CONT'D)

TYPE OF PASS	1996/97*		1997/98*	
	NUMBER OF PASSES	SERVICE CHARGE IN '000 BIRR	NUMBER OF PASSES	SERVICE CHARGE IN '000 BIRR
SCHEDULED	...	...	...	...
UNSCHEDULED	...	...	...	...
TOTAL	20408	15295	19645	15506

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1994/95 , 1995/96, 1996/97 & 1997/98 BY BREAKDOWN ARE NOT AVAILABLE

SOURCE:- CIVIL AVIATION AUTHORITY

**TABLE A14. NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES  
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	59	8	67	359	56	415
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	977	26	1003	1744	616	2360
3. CLERICAL AND RELATED PERSONNEL	86	66	152	47	17	64
4. SALES WORKERS	502	169	671	-	-	-
5. SERVICE WORKERS	70	319	389	-	-	-
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	331	4	335	630	40	670
7. OTHERS	488	96	584	-	-	-
<b>TOTAL</b>	<b>2513</b>	<b>688</b>	<b>3201</b>	<b>2780</b>	<b>729</b>	<b>3509</b>

1996/97 DATA REVISED

**TABLE A14. (CONT'D)**

OCCUPATION GROUP	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	382	51	433	369	49	418
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	1777	626	2403	1714	603	2317
3. CLERICAL AND RELATED PERSONNEL	36	105	141	33	144	177
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	-	-	-	-	-	-
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	718	50	768	683	53	736
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>2913</b>	<b>832</b>	<b>3745</b>	<b>2799</b>	<b>849</b>	<b>3648</b>

1997/98 DATA REVISED

\*YEAR ENDING JULY 7

NOTE: FOR 1996/97 AND 1997/98 THERE IS NO DATA BY OCCUPATION GROUP

SOURCE:- ETHIOPIAN AIRLINES

**TABLE A15. NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES  
BY PLACE OF ASSIGNMENT AND SEX**

YEAR*	IN ETHIOPIA						TOTAL
	ETHIOPIANS			FOREIGNERS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1994/95	2005	645	2650	200	-	200	2850
1995/96	2276	639	2915	27	-	27	2942
1996/97**	2419	671	3090	1	1	2	3092
1997/98**	2631	685	3316	2	-	2	3318
1998/99	2527	719	3246	2	-	2	3248

**TABLE A15. (CONT'D)**

YEAR*	ABROAD						TOTAL	GRAND TOTAL
	ETHIOPIANS			FOREIGNERS				
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		
1994/95	102	16	118	203	82	285	403	
1995/96	105	21	126	105	28	133	259	
1996/97**	87	28	115	190	112	302	417	
1997/98**	83	29	112	197	118	315	427	
1998/99	85	26	111	185	104	289	400	

\*YEAR ENDING JULY 7  
SOURCE:- ETHIOPIAN AIRLINES

\*\* REVISED

TABLE A16. NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY CONTINENT AND SEX

CONTINENT	1994/95*			1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2372 (2210)	691 (622)	3063 (2832)	2337 (2200)	682 (616)	3019 (2816)	2583	750	3333
NORTH AND SOUTH AMERICA	9	7	16	6	8	14	2	5	7
ASIA AND MIDDLE EAST	62	17	79	59	19	78	53	21	74
EUROPE	57	38	95	53	37	90	56	39	95
GRAND TOTAL	2500	753	3253	2455	746	3201	2694	815	3509

TABLE A16. (CONT'D)

CONTINENT	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2799	769	3568	2684	785	3469
NORTH AND SOUTH AMERICA	5	5	10	8	10	18
ASIA AND MIDDLE EAST	60	20	80	58	17	75
EUROPE	49	38	87	49	37	86
GRAND TOTAL	2913	832	3745	2799	849	3648

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1992/93 IS NOT AVAILABLE

\*\*INCLUDING ETHIOPIA

DATA FOR 1996/97 AND 1997/98 ARE REVISED

SOURCE:- ETHIOPIAN AIRLINES

**TABLE A17. NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES  
BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1997/98			1998/99		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	10	5	15	17	14	31
205-304	355	12	367	339	13	352
305-404	127	21	148	121	20	141
405-504	309	111	420	196	112	308
505-604	291	86	377	275	84	359
605-704	104	46	150	92	51	143
705-804	122	40	162	112	43	155
805-904	138	83	221	128	85	213
905-1004	161	79	240	145	77	222
1005-1104	82	47	129	71	45	116
1105-1204	47	18	65	38	17	55
1205-1304	80	58	138	76	56	132
1305 & ABOVE	1097	231	1328	1089	232	1321
<b>TOTAL</b>	<b>2923</b>	<b>837</b>	<b>3760</b>	<b>2699</b>	<b>849</b>	<b>3548</b>

\*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN AIRLINES

**TABLE A18a. NUMBER AND TYPE OF AIRCRAFT OF  
ETHIOPIAN AIRLINES USED FOR INTERNATIONAL  
AND DOMESTIC SERVICES**

CATEGORY	TYPE OF AIRCRAF	1996/97	
		ON HAND	TOTAL
4 ENGINES	DOUGLAS DC-6A/B	-	-
	DC-6B	-	-
	INTERNATIONAL B707-3 STRATOLINER 720-B	1	1
	TOTAL	1	1
TRI ENGINES	BOEING 727-200	-	-
2 ENGINES	BOEING 757-200	5	5
	BOEING 737-200	1	1
	BOEING 767-260	2	2
	LOCKHEED-L-100-30	2	2
	DOUGLAS DC-3/C-47	-	-
	LIGHT AIRCRAFT	-	-
	F27-MK050	5	5
	ATR-42	2	2
	DASH-5	1	1
	DASH-6	4	4
TOTAL	22	22	
<b>GRAND TOTAL</b>		<b>23</b>	<b>23</b>

\*YEAR ENDING JULY 7

NOTE - DATA FOR 1992/93, 1993/94, 1994/95  
AND 1995/96 ARE NOT AVAILABLE

SOURCE - ETHIOPIAN AIRLINES

**TABLE A18b. NUMBER AND TYPE OF AIRCRAFT OF ETHIOPIAN AIRLINES USED FOR INTERNATIONAL AND DOMESTIC SERVICES**

CATEGORY	TYPE OF AIRCRAFT	1997/98*		1998/99*	
		ON HAND	TOTAL	ON HAND	TOTAL
4 ENGINES	B707 - 300C	1	1	-	-
	L-100	2	2	2	2
	TOTAL	3	3	2	2
TRI ENGINES	NONE	-	0	-	-
2 ENGINES	B767- 300ER	1	1	2	2
	B767-200ER	2	2	2	2
	B757 - 200PF	1	1	1	1
	B757 -200	4	4	4	4
	B737 - 200	1	1	1	1
	ATR42	2	2	2	2
	DHC-6	4	4	4	4
	F-50	5	5	5	5
TOTAL	20	20	21	21	
<b>GRAND TOTAL</b>		<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN AIRLINES

**TABLE 19. DOMESTIC PASSENGERS BY ORIGIN, DESTINATION  
AND MAJOR AIRPORTS**

1996/97\*

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	...	...	...	...	...
DIR	...	...	...	...	...
JIM	...	...	...	...	...
OTHERS	...	...	...	...	...
<b>TOTAL</b>	...	...	...	...	<b>321351</b>

**TABLE A19. (CONT'D) 1997/98\***

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	30371	5255	102316	137942
DIR	32550	-	-	9029	41579
JIM	6011	-	-	841	6852
OTHERS	105203	9258	1172	63970	179603
<b>TOTAL</b>	<b>143764</b>	<b>39629</b>	<b>6427</b>	<b>176156</b>	<b>365976</b>

**TABLE A19. (CONT'D) 1998/99\***

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	27905	4642	71504	104051
DIR	28480	-	-	6746	35226
JIM	4989	-	-	909	5898
OTHERS	76567	7384	1559	30653	116163
<b>TOTAL</b>	<b>110036</b>	<b>35289</b>	<b>6201</b>	<b>109812</b>	<b>261338</b>

\*YEAR ENDING JUNE 30

N.B. ADD= ADDIS ABABA

DIR= DIRE DAWA, JIM=JIMMA

1997/98 DATA REVISED

SOURCE:- ETHIOPIAN AIRLINES

**TABLE A20. DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS**

1996/97\*

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	84	5	158	247
DIR	116	-	-	220	336
JIM	2	-	-	16	18
OTHERS	18	-	-	204	222
<b>TOTAL</b>	<b>136</b>	<b>84</b>	<b>5</b>	<b>598</b>	<b>823</b>

**TABLE A20. (CONT'D) 1997/98\***

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	83	5	87	175
DIR	51	-	-	390	441
JIM	5	-	-	12	17
OTHERS	36	-	-	41	77
<b>TOTAL</b>	<b>92</b>	<b>83</b>	<b>5</b>	<b>530</b>	<b>710</b>

**TABLE A20. (CONT'D) 1998/99\***

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	110	4	94	208
DIR	39	-	-	236	275
JIM	4	-	-	7	11
OTHERS	17	4	1	1	23
<b>TOTAL</b>	<b>60</b>	<b>114</b>	<b>5</b>	<b>338</b>	<b>517</b>

\*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

**TABLE A21. DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS**

1996/97\*

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	8058	91	17515	25664
DIR	6071	-	-	2063	8134
JIM	162	-	-	54	216
OTHERS	6228	131	19	2608	8986
<b>TOTAL</b>	<b>12461</b>	<b>8189</b>	<b>110</b>	<b>22240</b>	<b>43000</b>

**TABLE A21. (CONT'D) 1997/98\***

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	9420	216	16560	26196
DIR	10958	-	-	1500	12458
JIM	278	-	-	37	315
OTHERS	6251	118	14	1936	8319
<b>TOTAL</b>	<b>17487</b>	<b>9538</b>	<b>230</b>	<b>20033</b>	<b>47288</b>

**TABLE A21. (CONT'D) 1998/99\***

<b>FROM \ TO</b>	<b>ADD</b>	<b>DIR</b>	<b>JIM</b>	<b>OTHERS</b>	<b>TOTAL</b>
ADD	-	9110	330	15305	24745
DIR	18440	-	-	1502	19942
JIM	310	-	-	118	428
OTHERS	7753	329	10	34	8126
<b>TOTAL</b>	<b>26503</b>	<b>9439</b>	<b>340</b>	<b>16959</b>	<b>53241</b>

\*YEAR ENDING JUNE 30

1997/98 REVISED

SOURCE:- ETHIOPIAN AIRLINES

**TABLE A22. REVENUE OF ETHIOPIAN AIRLINES BY SOURCE**

SOURCE	IN MILLION BIRR				
	YEAR*				
	1994/95	1995/96	1996/97+	1997/98+	1998/99**
PASSENGERS	1148	1187	1166	1179	1230
FREIGHT	281	268	307	333	370
CHARTER	66	63	44	48	18
MAIL	8	7	5	6	7
EXCESS BAGGAGE	35	34	40	34	34
COMMISSION	15	17	15	13	9
MISCELLANEOUS SERVICES	63	60	80	104	162
<b>TOTAL</b>	<b>1616</b>	<b>1636</b>	<b>1657</b>	<b>1717</b>	<b>1830</b>

\*YEAR ENDING JUNE 30  
SOURCE:- ETHIOPIAN AIRLINES

+ REVISED  
\*\* NOT AUDITED

**TABLE A23. EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE**

PURPOSE	IN MILLION BIRR				
	YEAR*				
	1994/95	1995/96	1996/97+	1997/98+	1998/99**
SALARIES AND PENSION	102	114	116	118	145
TRAVEL EXPENSES	6	7	61	63	84
AVIATION GAS OIL	223	246	304	284	277
AIRCRAFT MATERIAL	18	38	42	51	26
HANDLING FEES OF AIRCRAFT AND LANDING	170	208	221	238	243
COMMISSION EXPENSES	193	188	160	61	38
ADVERTISING AND PUBLICITY	7	9	18	20	22
INSURANCE	71	64	61	51	31
DEPRECIATION	189	193	202	231	216
INTEREST EXPENSES-NET	129	128	103	85	76
SERVICE AND MISCELLANEOUS EXPENSES	44	44	428	505	641
OTHER EXPENSES	342	382	-	-	-
OTHER NON-OPERATING ITEMS	(63)	(19)	(83)	(34)	17
<b>TOTAL</b>	<b>1431</b>	<b>1602</b>	<b>1633</b>	<b>1673</b>	<b>1816</b>

\*YEAR ENDING JUNE 30  
SOURCE:- ETHIOPIAN AIRLINES

+ REVISED  
\*\* NOT AUDITED

**TABLE A24. ETHIOPIAN AIRLINES OPERATION STATISTICS**

ITEM	YEAR*				
	1994/95	1995/96	1996/97	1997/98+	1998/99
AVERAGE-Km PER PASSENGER					
INTERNATIONAL	3438	3689	4175	2963	3788
DOMESTIC	426	421	340	391	393
AVERAGE	2297	2516	2540	1996	2624
REVENUE PASSENGER Km.(000)					
INTERNATIONAL	1600561	1727281	1805826	1801105	1897849
DOMESTIC	120947	110400	109345	142949	102615
TOTAL	1721508	1837681	1915171	1944054	2000464
REVENUE FREIGHT CARRIED (TONS)					
INTERNATIONAL	32401	31017	32882	36355	29036
DOMESTIC	1573	791	823	710	517
TOTAL	33974	31808	33705	37065	29553
REVENUE TON-Km ('000)					
INTERNATIONAL	306681	295870	316703	330201	356339
DOMESTIC	13639	11287	11082	15381	12985
TOTAL	320320	307157	327785	345582	369324
REVENUE PLANE-Km(000)	25696581	26714513	28249	28801	28225
PAYLOAD FACTOR (%)	48.4	45.2	48.66	51.6	51.92

\*YEAR ENDING JUNE 30

+ REVISED

SOURCE:- ETHIOPIAN AIRLINES

**TABLE A25. AIR DISTANCE IN KILOMETERS BETWEEN MAJOR AIRPORTS IN ETHIOPIA**

AIRPORTS	BOLE	YILMA ABATENA DEJ. (DIRE DAWA)	JIMMA
BOLE	-	347	259
YILMA ABATENA DEJ. (DIRE DAWA)	347	-	596
JIMA	259	596	-

SOURCE:- ETHIOPIAN AIRLINES

## PART II COMMUNICATION STATISTICS

### 2.1 POSTAL SERVICE STATISTICS

Communication plays a vital role in the socio-economic life of a country. Among the various parts of communications, postal service is one that is important in expanding communications infrastructure. In Ethiopia Postal Service was introduced more than 100 years ago. Even though the service began long ago, it is limited to some places of the country.

Tables P1-P8 show number of employees of postal service Authority, by occupation and sex, by region and sex, by salary group and sex, number of post offices by region, number of mail and post boxes by region, number of mails by type of mail traffic, revenue and expenditure of postal service Authority by source and purpose, respectively.

The number of employees of Postal Service Authority showed a decreasing trend throughout 1994/95-1998/99 (see Table P1). The number of employees in 1998/99 decreased by 12.0 percent as compared to that of 1994/95. More than half of the employees of the Authority were in Addis Ababa in 1997/98 and 1998/99, followed by Oromiya Region, which had 17.1 and 14.1 percent of the total employees during the same period, respectively. Number of employees of postal service Authority by salary group and sex is shown in Table P3. As shown in this table, the majority of the employees are classified in salary groups ranging from Birr 305 up to 904 in all the years under review.

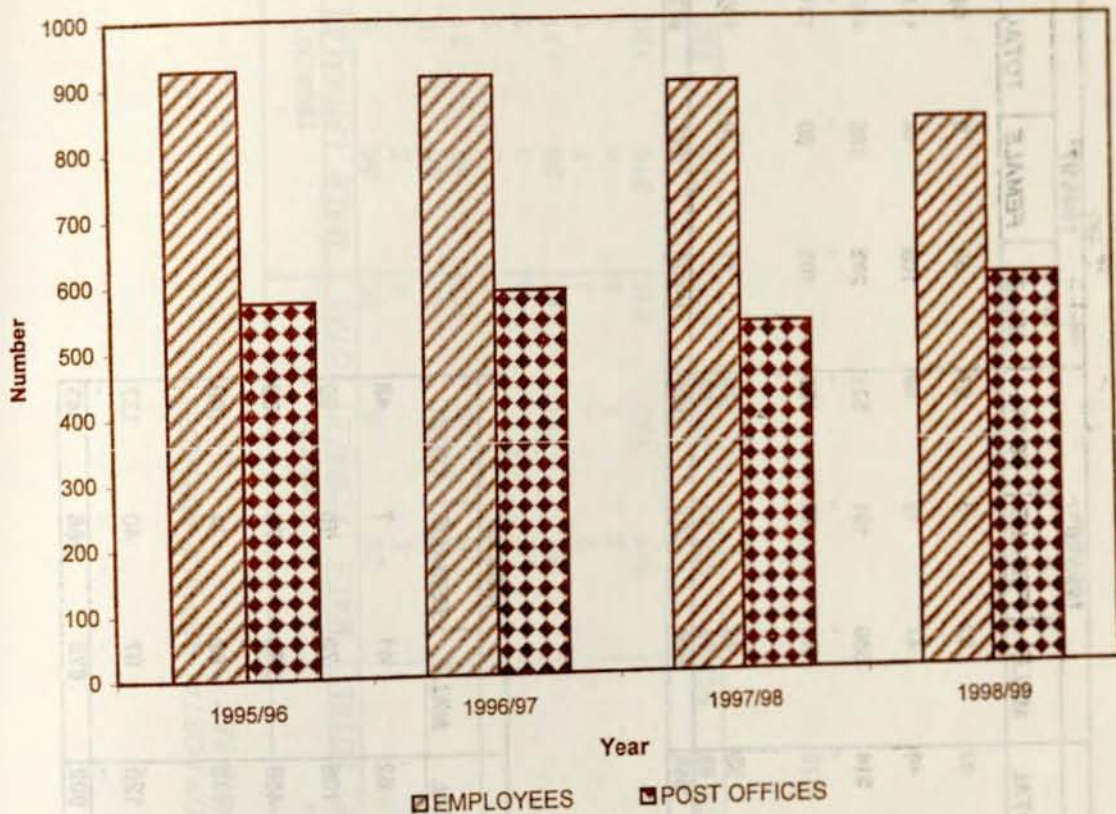
Number of post offices by region is presented in Table P4. More than 36 percent of the total number of post offices were in Oromiya Region throughout the period 1996/97 - 1998/99, followed by Amhara region, which had about 22.0 percent of the total post offices in 1998/99.

Table P5 exhibits the number of mail and post boxes by region. The number of mail and post boxes increased by 1.9 and 6.6 percent in 1998/99 compared to their number in 1997/98 in that order. The number of mails handled by type of mail traffic is indicated in

Table P6. The number of incoming international mails is greater than outgoing mails in all the years under review.

Revenue and expenditure of postal service Authority are illustrated in Tables P7 and P8, respectively. More than half of the revenue is collected from sales of postage stamps and international mails in each year. The revenue of the Authority increased from Birr 27,258.7 thousand in 1997/98 to 27,390.9 thousand in 1998/99, i.e., an increase of 0.5 percent. Similarly the expenditure increased from Birr 21,732.2 thousand in 1997/98 to Birr 22,280.9 thousand in 1998/99 i.e an increase of 2.5 percent.

**Fig. 13 - NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA**



**TABLE P1. NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY  
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1994/95*			1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	93	4	97	62	5	67	58	8	66
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	37	9	46	47	12	59	103	14	117
3. CLERICAL AND RELATED PERSONNEL	325	189	514	330	191	521	283	186	469
4. SALES WORKERS	-	-	-	-	-	-	-	-	-
5. SERVICE WORKERS	156	22	178	144	12	156	101	30	131
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	35	-	35	29	-	29	91	39	130
7. OTHERS	31	57	88	38	55	93	-	-	-
<b>TOTAL</b>	<b>677</b>	<b>281</b>	<b>958</b>	<b>650</b>	<b>275</b>	<b>925</b>	<b>636</b>	<b>277</b>	<b>913</b>

**TABLE P1. (CONT'D)**

OCCUPATION GROUP	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	54	8	62	41	7	48
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	95	13	108	78	15	93
3. CLERICAL AND RELATED PERSONNEL	276	182	458	280	179	459
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	114	34	148	82	24	106
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	86	40	126	97	40	137
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>625</b>	<b>277</b>	<b>902</b>	<b>578</b>	<b>265</b>	<b>843</b>

\*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

**TABLE P2. NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY  
BY REGION AND SEX**

REGIONAL STATE	1995/96*			1996/97*			1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	27	6	33	...	...	...	33	6	39	34	6	40
AFFAR	3	-	3	...	...	...	4	-	4	3	-	3
AMHARA	72	20	92	...	...	...	75	22	97	68	18	86
OROMIYA	119	34	153	...	...	...	118	36	154	88	31	119
SOMALIA	7	3	10	...	...	...	7	-	7	3	1	4
BENISHANGUL- GUMUZ	4	-	4	...	...	...	6	-	6	3	1	4
SNNP	38	13	51	...	...	...	41	10	51	35	11	46
GAMBELA	1	-	1	...	...	...	2	-	2	1	1	2
HARARI	7	-	7	...	...	...	5	1	6	4	1	5
ADDIS ABABA	347	190	537	...	...	...	317	196	513	319	190	509
DIRE DAWA	25	9	34	...	...	...	17	6	23	20	5	25
<b>TOTAL</b>	<b>650</b>	<b>275</b>	<b>925</b>	<b>636</b>	<b>277</b>	<b>913</b>	<b>625</b>	<b>277</b>	<b>902</b>	<b>578</b>	<b>265</b>	<b>843</b>

\*YEAR ENDING JULY 7

NOTE: DATA FOR 1996/97 BY ADMINISTRATIVE REGION  
AND SEX BREAKDOWN IS NOT AVAILABLE

1996/97 & 1997/98 DATA REVISED

SOURCE:- POSTAL SERVICE AUTHORITY

**TABLE P3. NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY  
BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	26	13	39	22	6	28
205-304	66	19	85	43	18	61
305-404	134	70	204	80	28	108
405-504	133	67	200	127	62	189
505-604	101	61	162	84	62	146
605-704	77	24	101	85	47	132
705-804	45	12	57	72	29	101
805-904	50	5	55	49	11	60
905-1004	1	1	2	34	7	41
1005-1104	16	3	19	30	4	34
1105-1204	1	-	1	9	3	12
1205-1304	-	-	-	1	-	1
1305 & ABOVE	-	-	-	-	-	-
<b>TOTAL</b>	<b>650</b>	<b>275</b>	<b>925</b>	<b>636</b>	<b>277</b>	<b>913</b>

**TABLE P3. (CONT'D)**

SALARY GROUP IN BIRR	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	11	6	17	6	5	11
205-304	57	24	81	33	13	46
305-404	55	20	75	50	27	77
405-504	129	62	191	115	50	165
505-604	71	37	108	71	31	102
605-704	85	61	146	74	43	117
705-804	76	39	115	31	27	58
805-904	54	12	66	67	38	105
905-1004	33	10	43	55	14	69
1005-1104	33	3	36	28	10	38
1105-1204	-	-	-	-	-	-
1205-1304	1	0	1	29	3	32
1305 & ABOVE	20	3	23	19	4	23
<b>TOTAL</b>	<b>625</b>	<b>277</b>	<b>902</b>	<b>578</b>	<b>265</b>	<b>843</b>

\*YEAR ENDING JULY 7  
SOURCE:- POSTAL SERVICE AUTHORITY

1997/98 REVISED

**TABLE P4. NUMBER OF POST OFFICES BY REGION**

REGIONAL STATE	NUMBER OF POST OFFICES		
	1996/97*	1997/98*	1998/99*
TIGRAY	37	37	37
AFFAR	10	4	5
AMHARA	152	127	132
OROMIYA	243	225	221
SOMALI	17	14	15
BENISHANGUL-GUMUZ	3	4	69
SNNP	66	66	66
GAMBELLA	9	3	6
HARARI	1	1	1
ADDIS ABABA	44	48	46
DIRE DAWA	5	5	4
<b>TOTAL</b>	<b>587</b>	<b>534</b>	<b>602</b>

\*YEAR ENDING JULY 7

1997/98 REVISED

SOURCE:- POSTAL SERVICE AUTHORITY

**TABLE P5. NUMBER OF MAIL AND POST BOXES BY REGION**

REGIONAL STATE	1996/97*		1997/98*		1998/99*	
	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES
TIGRAY	15	5022	41	5022	44	5172
AFFAR	4	250	4	250	4	250
AMHARA	93	6720	120	6720	122	6906
OROMIYA	196	13432	208	13802	209	13564
SOMALIA	6	372	6	422	6	872
BENISHANGUL-GUMUZ	2	240	2	240	2	240
SNNP	34	4930	37	5010	38	4980
GAMBELLA	2	190	2	190	2	350
HARARI	10	1150	10	1250	10	1200
ADDIS ABABA	32	51980	35	52975	37	58564
DIRE DAWA	14	3100	15	3100	15	2800
<b>TOTAL</b>	<b>408</b>	<b>87386</b>	<b>480</b>	<b>88981</b>	<b>489</b>	<b>94898</b>

\*YEAR ENDING JULY 7

NOTE: DATA ON MAIL BOXES FOR 1997/98 IS NOT AVAILABLE

SOURCE:- POSTAL SERVICE AUTHORITY

**TABLE P6. NUMBER OF MAILS HANDLED BY TYPE OF MAIL TRAFFIC**

MAIL TRAFFIC	NUMBER OF MAILS				
	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
DOMESTIC MAIL					
LETTERS	16718600	17473200	16815600	13188156	14543500
PARCELS	6800	6700	4800	5000	5400
TOTAL	16725400	17479900	16820400	13193156	14548900
INTERNATIONAL MAIL					
I. INCOMING					
INTERNATIONAL					
LETTERS	7241500	7965600	6337100	7130766	7070000
PARCELS	27300	33300	20200	23641	32000
TOTAL	7268800	7998900	6357300	7154407	7102000
II. OUTGOING					
INTERNATIONAL					
LETTERS	5386000	7071900	5803100	6540449	6582700
PARCELS	1800	1900	1300	738	300
TOTAL	5387800	7073800	5804400	6541187	6583000
<b>GRAND TOTAL</b>	<b>29382000</b>	<b>32552600</b>	<b>28982100</b>	<b>26888750</b>	<b>28233900</b>

\*YEAR ENDING JULY 7

1996/97 & 1997/98 REVISED

SOURCE - POSTAL SERVICE AUTHORITY

**TABLE P7. REVENUE OF POSTAL SERVICE AUTHORITY BY SOURCE**

SOURCE	IN '000 BIRR				
	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
SALES OF POSTAGE STAMPS	8426.3	9343	6555.6	9191.9	10533.4
INCOME FROM INTERNATIONAL MAIL	5639.8	5468.6	8526.3	9141.8	7469.1
PARCEL POST RECEIPTS	539.6	613.1	470.4	360.5	296.8
POST BOX RENTALS AND KEY SALES	915.5	1386.7	2877.9	3186.9	3433.7
POSTAGE METER MACHINE MONEY AND POSTAL ORDER COMMISSION	1406.7	1458.5	1239.2	-	-
NEWS PAPER COMMISSION	94.4	97.3	106.7	114.0	109.0
MISCELLANEOUS REVENUE	65.8	19.1	-	-	-
TOTAL	2044.8	272.5	4888.0	5263.6	5548.9
<b>TOTAL</b>	<b>19132.9</b>	<b>18658.8</b>	<b>24664.1</b>	<b>27258.7</b>	<b>27390.9</b>

\*YEAR ENDING JULY 7

1997/98 REVISED

SOURCE - POSTAL SERVICE AUTHORITY

**TABLE P8. EXPENDITURE OF POSTAL SERVICE AUTHORITY BY PURPOSE**

PURPOSE	IN '000 BIRR				
	1994/95*	1995/96*	1996/97*	1997/98*	1998/99*
SALARIES AND WAGES	5814.8	6322.7	6978.0	8070.4	8630.7
CONVEYANCE OF MAIL	4142.1	1908.1	1657.9	1816.8	1766.6
DEPRECIATION	574.7	950	1035.2	1424.9	1796.3
PRINTING OF POSTAGE STAMPS	321.5	203.6	1035.2	726.6	1081.2
STORED ITEMS CONSUMED	274.3	254.9	0.0	1131.7	1397.7
MISCELLANEOUS EXPENDITURE	3906.6	2727.2	8836.8	8561.8	7608.4
<b>TOTAL</b>	<b>15034.0</b>	<b>12366.5</b>	<b>19543.1</b>	<b>21732.2</b>	<b>22280.9</b>

\*YEAR ENDING JULY 7

1997/98 REVISED

SOURCE - POSTAL SERVICE AUTHORITY

## 2.2 TELECOMMUNICATIONS STATISTICS

Telecommunication plays a major role in exchange of views and information among various sectors of socio-cultural and economic groups of societies. The Ethiopian Telecommunication Corporation has been expanding its network within the country. A modern communications system, especially telecommunication is not only essential to a country's socio-economic development, but also it is one of the conditions in attracting foreign capital and encouraging competition in the global market. Telecommunications play a key role in providing national and international communication service, both in developing and developed countries. The Ethiopian Telecommunication Corporation (ETC) is making continuous effort to extend its service throughout the country.

The progress made in this regard can be seen in the following tables, which demonstrate the number of employees, telephone lines and apparatus, public telephones in use, telephone calls and financial operations of the Authority.

Tables T1-T3 present data on the employees of the corporation by occupation, sex, Region and salary group. The Authority's staff showed an increment of 8.0 percent in 1998/99 compared to that of the previous year. As in the previous years, in 1998/99 the majority of the employees (54.3 percent) working in Addis Ababa, followed by Oromiya Region (14.2 percent). For details refer to Table T2. As indicated in Table T3, 13.8 percent of the employees were classified in salary groups of Birr 305-404 and 12.4 percent of them were in salary group of Birr 705-804 in 1998/99.

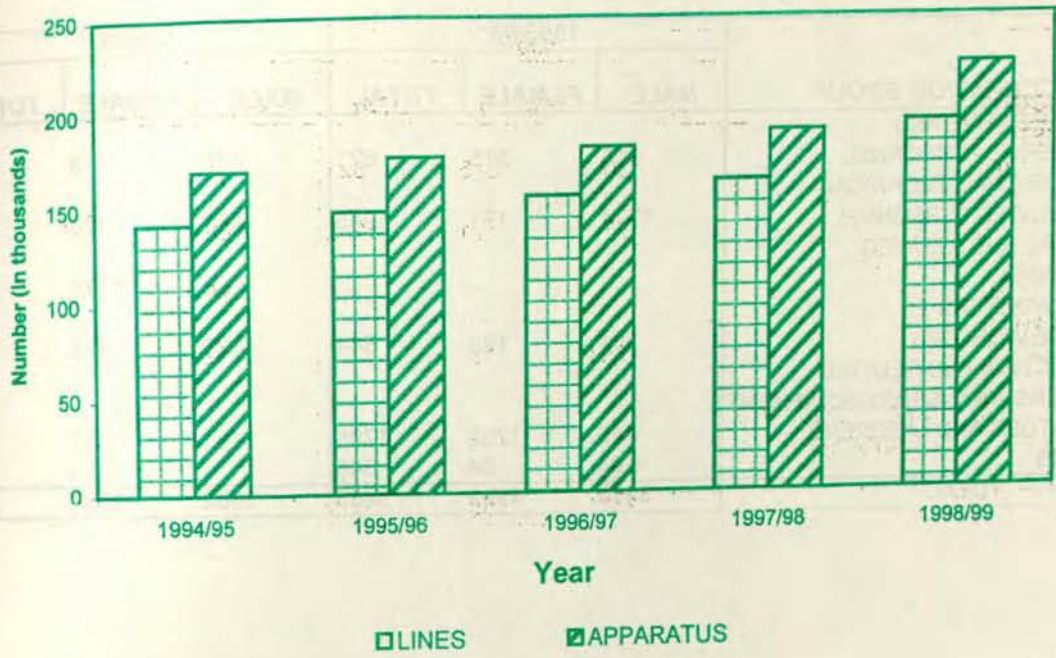
Table T4 presents the number of telephones in use by Regional capitals and other towns. The number of lines used in Addis Ababa increased from 95,784 in 1996/97 to 114,508 in 1998/99. The number of apparatus in Addis Ababa also showed a rise of 16.6 percent in the same period. The least number of lines and apparatus were in Gambella town in 1998/99 among Regional capitals.

As shown in Table T5, the increase in public telephones (coin box telephones) is insignificant throughout the period under review. About 76 percent of coin box telephones were found in Addis Ababa in 1998/99. Table T6 gives information about inter-urban telephone calls among major towns via-operators. As this table shows most of the calls were between Addis Ababa and other towns in all the period 1994/95 to 1996/97.

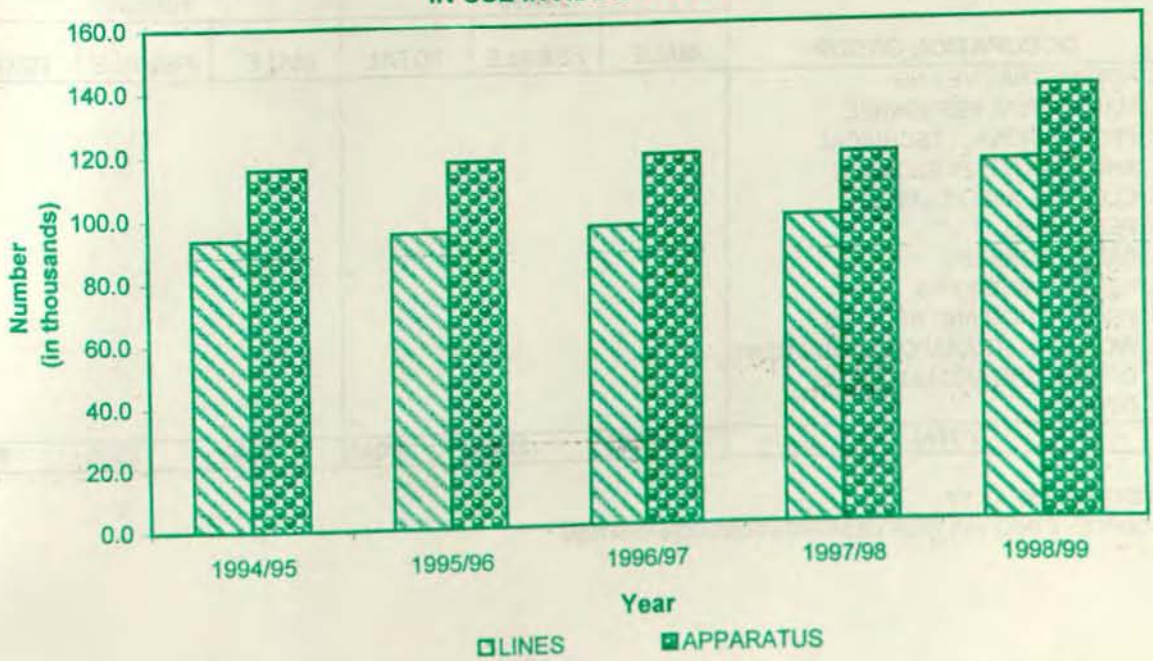
The Ethiopian Telecommunication Corporation started to render the Internet service since January 1997. As indicated in Table T7 the number of internet subscribers increased from 1,164 in 1997 to 2,249 in 1998/99 which showed an increase of 93.2 percent.

The revenue of the Ethiopian Telecommunication Corporation has been growing throughout the years, except in 1998/99 during which it declined by 0.7 percent compared to a year before. On the contrary expenditure of the corporation has been increasing throughout 1994/95 - 1998/99. The revenue and expenditure of the corporation in 1998/99 were Birr 642.8 and 285.6 million, respectively. The corporation gained a profit of Birr 357.1 million in 1998/99.

**Fig. 14 - NUMBER OF TELEPHONES  
IN USE IN ETHIOPIA**



**Fig. 15 - NUMBER OF TELEPHONES  
IN USE IN ADDIS ABABA**



**TABLE T1. NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS CORPORATION  
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	306	315	621	76	3	79
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	1774	171	1945	887	123	1010
3. CLERICAL AND RELATED PERSONNEL	...	...	...	999	1764	2763
4. SALES WORKERS	...	...	...	-	-	-
5. SERVICE WORKERS	351	193	544	129	125	254
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	445	1260	1705	1491	22	1513
7. OTHERS	594	54	648	-	-	-
<b>TOTAL</b>	<b>3470</b>	<b>1993</b>	<b>5463</b>	<b>3582</b>	<b>2037</b>	<b>5619</b>

**TABLE T1. (CONT'D)**

OCCUPATION GROUP	1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	...	...	...	...	...	...
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	...	...	...	...	...	...
3. CLERICAL AND RELATED PERSONNEL	...	...	...	...	...	...
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	...	...	...	...	...	...
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	...	...	...	...	...	...
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>3861</b>	<b>2225</b>	<b>6086</b>	<b>4267</b>	<b>2306</b>	<b>6573</b>

\*YEAR ENDING JULY 7

SOURCE- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

**TABLE T2. NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS CORPORATION BY REGION AND SEX**

REGIONAL STATE	1996/97*			1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	...	...	...	214	109	323	250	120	370
AFAR	...	...	...	30	6	36	31	10	41
AMHARA	...	...	...	381	272	653	442	320	762
OROMIYA	...	...	...	409	359	768	545	387	932
SOMALIA	...	...	...	30	6	36	31	25	56
BENISHANGUL-GUMUZ	...	...	...	7	5	12	9	5	14
SNNP	...	...	...	195	268	463	233	272	505
GAMBELLA	...	...	...	14	1	15	19	1	20
HARARI	...	...	...	41	53	94	40	52	92
ADDIS ABABA	...	...	...	2392	1038	3430	2532	1038	3570
DIRE DAWA	...	...	...	148	108	256	135	76	211
<b>TOTAL</b>	<b>3582</b>	<b>2037</b>	<b>5619</b>	<b>3861</b>	<b>2225</b>	<b>6086</b>	<b>4267</b>	<b>2306</b>	<b>6573</b>

\*YEAR ENDING JULY 7

NOTE:- 1) DATA BY ADMINISTRATIVE REGION AND SEX BREAKDOWN

FOR 1996/97 IS NOT AVAILABLE

2) 1997/98 DATA REVISED

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

**TABLE T3. NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS CORPORATION BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	132	121	253	96	74	170
150-249	36	12	48	77	69	146
250-349	308	168	476	128	77	205
350-449	715	479	1194	457	310	767
450-549	579	309	888	664	424	1088
550-649	636	296	932	620	289	909
650-749	377	243	620	413	193	606
750-849	154	83	237	358	230	588
850-949	211	201	412	157	142	299
950-1049	201	57	258	165	121	286
1050-1149	82	11	93	172	51	223
1150-1249	29	1	30	99	11	110
1250-1349	27	1	28	22	0	22
1350 & ABOVE	27	0	27	42	2	44
<b>TOTAL</b>	<b>3514</b>	<b>1982</b>	<b>5496</b>	<b>3470</b>	<b>1993</b>	<b>5463</b>

**TABLE T3. (CONT'D)**

SALARY GROUP IN BIRR	1996/97*			1997/98*			1998/99*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	271	129	400	...	...	...	5	1	6
205-304	97	119	216	...	...	...	215	171	386
305-404	113	40	153	...	...	...	618	291	909
405-504	369	215	584	...	...	...	237	148	385
505-604	637	481	1118	...	...	...	293	130	423
605-704	614	282	896	...	...	...	463	312	775
705-804	461	215	676	...	...	...	488	327	815
805-904	339	221	560	...	...	...	489	211	700
905-1004	156	90	246	...	...	...	400	166	566
1005-1104	157	159	316	...	...	...	238	140	378
1105-1204	115	62	177	...	...	...	201	168	369
1205-1304	123	14	137	...	...	...	137	111	248
1305 & ABOVE	130	10	140	...	...	...	483	130	613
<b>TOTAL</b>	<b>3582</b>	<b>2037</b>	<b>5619</b>	<b>3861</b>	<b>2225</b>	<b>6086</b>	<b>4267</b>	<b>2306</b>	<b>6573</b>

\*YEAR ENDING JULY 7

TABLE T4. NUMBER OF TELEPHONES IN USE BY REGIONAL CAPITALS  
AND OTHER TOWNS

YEAR*	TIGRAY				AFFAR			
	MEKELE		OTHER TOWNS		AYISAITA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1996/97	3702	3770	3749	3753	130	132	242	236
1997/98	4218	4286	4968	4974	136	147	222	312
1998/99	4748	4867	5252	5276	368	380	208	298

TABLE T4. (CONT'D)

YEAR*	AMHARA				OROMIYA	
	BAHIR DAR		OTHER TOWNS		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1996/97	1981	2358	10893	11838	23479	25825
1997/98	1989	2474	11689	12655	25146	27314
1998/99	2359	3158	16493	17551	29956	32376

TABLE T4. (CONT'D)

YEAR*	SOMALI				BENISHANGUL-GUMUZ			
	JIGIGA		OTHER TOWNS		ASSOSA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1996/97	559	570	-	-	213	213	-	-
1997/98	535	546	-	-	208	208	-	-
1998/99	602	649	-	-	305	305	-	-

TABLE T4. (CONT'D)

YEAR*	SNNP**				GAMBELLA			
	AWASSA		OTHER TOWNS		GAMBELLA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1996/97	1839	2669	5563	2989	187	189	-	-
1997/98	1933	2861	6512	6858	186	188	-	-
1998/99	3390	4389	7462	7850	198	200	-	-

TABLE T4. (CONT'D)

YEAR*	HARARI				ADDIS ABABA			
	HARAR		OTHER TOWNS		ADDIS ABABA		OTHER TOWNS***	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1996/97	2420	2656	-	-	95784	118081	1815	1897
1997/98	2484	2781	-	-	97958	117666	1920	2002
1998/99	2537	2863	-	-	114508	137707	2030	2112

TABLE T4. (CONT'D)

YEAR*	DIRE DAWA				TOTAL	
	DIRE DAWA		OTHER TOWNS		LINE	APPARATUS
	LINE	APPARATUS	LINE	APPARATUS		
1996/97	3971	4519	11	11	156538	181706
1997/98	4026	4589	10	10	164140	189871
1998/99	4068	4631	10	10	194494	224622

\*YEAR ENDING JULY 7

1996/97 REVISED

\*\*SOUTHERN NATIONS NATIONALITIES AND PEOPLES' REGION

\*\*\* INCLUDES AKAKI AND KALITI

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

**TABLE T5. PUBLIC TELEPHONES (COIN BOX TELEPHONES)  
BY SELECTED URBAN AREAS**

URBAN AREAS	NUMBER			
	YEAR*			
	1995/96	1996/97	1997/98	1998/99
ADDIS ABABA	770	770	772	772
AWASSA	12	12	12	12
BAHIR DAR	12	12	12	12
DESSIE	20	20	21	21
DIRE DAWA	38	37	37	37
GONDER	9	9	9	9
HARER	12	12	12	12
JIMA	32	32	32	32
MEKELE	3	2	2	2
NAZARETH	31	31	32	34
SHASHEMENE	11	11	11	11
OTHERS	-	60	62	62
<b>TOTAL</b>	<b>950</b>	<b>1008</b>	<b>1014</b>	<b>1016</b>

\*YEAR ENDING JULY 7

NOTE:- 1996/97 DATA REVISED

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

TABLE T6. NUMBER OF INTER-URBAN TELEPHONE CALLS AMONG MAJOR TOWNS VIA OPERATORS 1994/95

1994/95\*

TO FROM	ADDIS ABABA	ARBA MINCH	A SELA	AWASSA	DEBRE MARKOS	DESSIE
ADDIS ABABA	-	-	-	-	-	-
ARBA MINCH	21537	-	266	2400	257	-
A SELA	2572	14	-	76	32	70
AWASSA	27510	1894	-	-	514	-
DEBRE MARKOS	27312	127	75	169	-	390
DESSIE	35975	79	95	207	269	-
GOBA	21834	102	477	505	210	-
GONDER	21840	107	422	500	759	459
HARAR	49866	130	607	392	348	516
JIMA	44615	749	844	1067	646	894
MEKELE	29185	75	124	499	167	1475
METU	16065	810	189	380	202	179
NEKEMTE	12635	31	174	211	115	137

TABLE T6. (CONT'D) 1994/95\*

TO FROM	GOBA	GONDER	HARAR	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA	-	-	-	-	-	-	-
ARBA MINCH	172	195	223	869	180	94	100
A SELA	114	54	79	103	58	70	96
AWASSA	742	261	248	290	128	138	314
DEBRE MARKOS	61	1001	427	354	126	185	206
DESSIE	33	466	309	232	1010	86	72
GOBA	-	490	582	349	162	164	1357
GONDER	87	-	251	318	996	183	91
HARAR	334	465	-	218	661	284	392
JIMA	561	716	768	-	842	4876	1928
MEKELE	31	748	738	563	-	104	161
METU	50	150	246	4359	104	-	800
NEKEMTE	42	138	271	994	128	497	-

\*YEAR ENDING JULY 7

SOURCE: ETHIOPIAN TELECOMMUNICATIONS CORPORATION

TABLE T6 (CONT'D) 1995/96\*

TO FROM	ADDIS ABABA	ARBA MINCH	A SELA	AWASSA	DEBRE MARKOS	DESSIE
ADDIS ABABA	-	-	-	-	-	-
ARBA MINCH	21585	-	406	2662	373	430
A SELA	1375	5	-	35	6	10
AWASSA	28362	505	278	-	72	129
DEBRE MARKOS	25595	145	91	216	-	371
DESSIE	21657	223	219	246	327	-
GOBA	20207	232	894	1225	146	388
GONDER	25556	73	81	159	773	521
HARAR	47363	141	559	480	262	425
JIMA	48545	731	844	1212	666	843
MEKELE	20816	167	58	438	271	1314
METU	17633	33	190	147	122	143
NEKEMTE	15922	146	249	141	109	114

TABLE T6. (CONT'D) 1995/96\*

TO FROM	GOBA	GONDER	HARAR	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA	-	-	-	-	-	-	-
ARBA MINCH	252	218	263	779	322	86	206
A SELA	52	15	31	50	8	37	29
AWASSA	465	135	187	208	137	103	312
DEBRE MARKOS	52	2292	517	343	234	97	103
DESSIE	34	910	501	283	1452	79	93
GOBA	-	107	585	353	123	203	365
GONDER	64	-	265	376	1292	34	155
HARAR	460	400	-	635	1064	157	517
JIMA	277	656	906	-	743	3909	1587
MEKELE	51	1377	1107	599	-	78	150
METU	109	90	264	4786	146	-	75
NEKEMTE	111	286	399	1607	169	527	-

TABLE T6. (CONT'D) 1996/97\*

TO FROM	ADDIS ABABA	ARBA MINCH	A SELA	AWASSA	DEBRE MARKOS	DESE
ADDIS ABABA	-	-	-	-	-	-
ARBA MINCH	18889	-	190	2703	312	368
A SELA	1101	14	-	30	9	19
AWASSA	30068	429	712	-	342	375
DEBRE MARKOS	26331	67	89	215	-	475
DESSIE	53603	221	215	139	596	-
GOBA	19522	201	814	1054	137	450
GONDER	28853	53	104	291	532	328
HARAR	44698	138	545	451	251	452
JIMA	61210	61210	1006	1171	1345	964
MEKELE	29251	82	122	451	254	1324
METU	21604	43	333	208	160	183
NEKEMTE	22428	63	329	328	153	205

TABLE T6. (CONT'D) 1996/97\*

FROM \ TO	GOBA	GONDER	HARAR	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA	-	-	-	-	-	-	-
ARBA MINCH	136	135	269	699	157	60	95
ASELA	73	29	19	95	56	56	24
AWASSA	781	418	501	763	397	111	308
DEBRE MARKOS	46	1176	285	369	283	94	149
DESSIE	136	1382	489	366	2382	74	184
GOBA	-	111	397	483	120	60	263
GONDER	81	-	288	247	1130	70	96
HARAR	480	378	-	732	734	101	296
JIMA	1096	1121	1271	-	-	4404	3479
MEKELE	59	863	614	331	-	91	166
METU	52	132	221	6068	181	-	871
NEKEMTE	171	209	601	1514	451	564	-

NOTE: SINCE MOST TOWNS NOW HAVE SWITCHED TO AUTOMATED SYSTEMS ETHIOPIAN TELECOMMUNICATION CORPORATION HAS STOPPED COLLECTING DATA ON CALLS VIA OPERATORS

TABLE T7. NUMBER OF INTERNET SUBSCRIBERS BY TYPE

YEAR	PRIVATE	GOVERNMENT	COMPANIES	TOTAL
1996/97 <sup>1</sup>	...	...	...	1164
1997/98 <sup>2</sup>	...	...	...	2025
1998/99	...	...	...	2249

SOURCE: ETHIOPIAN TELECOMMUNICATIONS CORPORATION (ETC)

NOTE: 1) ETC HAS STARTED TO RENDER THE INTERNET SERVICE SINCE JANUARY 1997 AND THE FIGURE INDICATED IS AS OF AUGUST 1997  
2) 1996/97<sup>1</sup> & 1997/98<sup>2</sup> REVISED

**TABLE T8. REVENUE OF TELECOMMUNICATIONS CORPORATION BY SOURCE**

SOURCE	YEAR*				
	1994/95	1995/96	1996/97**	1997/98***	1998/99*
URBAN TELEPHONE	129245.7	143959.2	158578.7	184937.5	207587.3
INITIAL SUBSCRIPTION	5314.4	11509.3	10856.0	19460.6	27031.4
RENT	29256.6	31939.4	35388.2	38522.9	42606.4
MOVES AND CHANGES	718.3	1049.8	3946.5	3269.9	3939.3
URBAN CALLS	93956.4	99460.7	108388.1	123684.1	134010.2
INTER-URBAN CALLS	294353.3	330456.5	367258.1	406173.7	388116.7
INLAND CALLS	16430.8	18706	20490.4	21897.8	20626.3
INTERNATIONAL CALLS	276808.9	310570.8	343083.3	373545.2	336581.2
RURAL RADIO CALLS	68	60	457.4	37.2	92.8
RADIO LICENSE	519.7	1092.2	1416.6	1489.9	1297.4
SUNDRY INCOME (internet, mobile)	525.9	27.5	1810.4	9203.6	29519.0
TELEGRAPH	5252.4	5812.3	4380.6	4671.3	6408.4
INLAND TELEGRAMS	387.1	385.2	393.1	355.6	279.6
INTERNATIONAL TELEGRAMS	314.6	423.5	355.8	194.8	174.6
OTHER TELEGRAPH SERVICES	4550.7	5003.6	3631.8	4120.9	5954.2
TELEX	6678.7	6069	21582.0	28546.8	21979.6
URBAN	...	...	1211.3	1.3	
INTER-URBAN	...	...	679.1	73.0	
FOREIGN	...	...	4389.0	5297.1	3292.3
OTHER TELEX SERVICES	...	...	4.8	4.9	
MISCELLANEOUS	10216.7	8921.9	15297.8	23170.5	18887.3
<b>TOTAL REVENUE</b>	<b>445746.8</b>	<b>495218.9</b>	<b>567097.2</b>	<b>647499.8</b>	<b>642779.3</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

+ TENTATIVE ACTUAL

\*\* Audited (actual)

\*\*\* Forecast (Revised)

**TABLE T9. EXPENDITURE OF TELECOMMUNICATIONS CORPORATION BY PURPOSE**

PURPOSE	YEAR*				
	1994/95	1995/96	1996/97	1997/98	1998/99*
ADMINISTRATIVE EXPENSE	26848	48153	45113	44437	62228
TRAINING	824	1938	2695	5229	4520
MAINTENANCE AND DEPRECIATION OF TELEPHONE					
I. URBAN TELEPHONE	42957	10379	31067	50425	62174
II. INTER-URBAN TELEPHONE	20927	6234	18123	35770	35460
MAINTENANCE AND DEPRECIATION OF TELEGRAPH	3582	2444	2241	3929	3569
MAINTENANCE AND DEPRECIATION OF TELEX	3542	1121	1740	5605	4430
MAINTENANCE AND DEPRECIATION OF BUILDING	5111	6749	7842	8666	11085
DEPRECIATION OF FURNITURE AND EQUIPMENT	691	1574	1994	1211	1908
INTEREST AND LOAN	48645	45502	41699	75077	60832
PROVISION FOR PROFIT TAX	-	-	-	-	-
CAPITAL CHARGE	-	-	-	-	-
MISCELLANEOUS	1177	48086	27393	50515	39443
<b>TOTAL EXPENDITURE</b>	<b>154304</b>	<b>172180</b>	<b>179907</b>	<b>280864</b>	<b>285649</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

+ TENTATIVE ACTUAL



## PART III. BROADCASTING AND PRESS STATISTICS

### 3.1. RADIO AND TELEVISION STATISTICS

Broadcasting plays a vital role in reaching the masses living in remote areas. Even though the possession of radio and/or TV sets is not easy for many Ethiopians, broadcasting definitely has a much bigger audience than press, as illiteracy and inaccessibility do not seriously affect it.

The Ethiopian Radio broadcasts its programs to listeners at home and overseas, while the Ethiopian Television (ETV) transmits to domestic viewers. In this section, data on the number of employees of Ethiopian Radio Enterprise and ETV (Ministry of Information and Culture) radio stations, broadcasting hours and languages used are presented. Operating revenue and expenses of the Ethiopian Radio enterprise, and number of employees of Department of Education Mass Media (Ministry of Education) and time allotted to education on radio, are also included.

Tables B1-B3 show number of employees of Ethiopian Radio Enterprise under the Ministry of Information and Culture. Number of employees of the enterprise in 1997/98 decreased by 2.8 percent compared to that of 1996/97. As shown in Table B4 Ethiopian Radio, national service devoted 57.5 percent of broadcasting hours to Amharic programmes in 1997/98. Apart from this 42.7 percent of broadcasting hours was spent on general information while 57.3 percent was allotted to news, recreation and commercials in the same year in all studios. The international service presented its programs in five languages and distributed its transmission time equally (see table B5).

Ethiopian Radio Enterprise's operating revenue and expenses are presented in Tables B6 and B7, respectively. As indicated in Table B6, 66.9 percent (Birr 9.4 million)

of the revenue was from government budget in 1997/98. The comparative ratio for 1996/97 was 76.8 percent (Birr 12.1 million). As the figures in Table B7 show operating expenses of Ethiopian Radio Enterprise increased from Birr 5,627.7 thousand in 1996/97 to 8,333.0 thousand in 1997/98.

The Ethiopian Television presents its programs in four languages, i.e., Amharic, English, Tigrigna and Oromigna. The total service hours of Ethiopian Television show increasing trends except in 1997/98, during which a decline of 621:82 hours was recorded as against a year before (See Table B8).

Tables B9 and B10 show number of employees of the Department of Educational Mass Media under the Ministry of Education. The staff number didn't show any change in both years: 1996/97 and 1997/98. Educational Mass Media presents its programs in Amharic and English using ten transmitters located throughout the country. Broadcasting hours for the Amharic programmes show a decreasing trend in all transmitters during 1993/94 – 1997/98. The Amharic broadcasting hours went down from 5,562 in 1993/94 to 2,972 in 1997/98 or a decline of 46.6 percent (refer to Table B11).

**TABLE B1. NUMBER OF EMPLOYEES OF ETHIOPIAN RADIO ENTERPRISE BY OCCUPATION AND SEX**

OCCUPATION GROUP	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	31	28	59	28	30	58
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	178	48	226	183	51	234
3. CLERICAL AND RELATED PERSONNEL	1	49	50	1	48	49
4. SALES WORKERS	2	5	7	2	4	6
5. SERVICE WORKERS	35	2	37	35	-	35
6. PRODUCTION AND RELATED WORKERS TRANSPORT EQUIPMENT OPERATORS AND LABORERS	83	76	159	72	69	141
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>330</b>	<b>208</b>	<b>538</b>	<b>321</b>	<b>202</b>	<b>523</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN RADIO ENTERPRISE

**TABLE B2. NUMBER OF EMPLOYEES OF ETHIOPIAN RADIO ENTERPRISE BY REGION AND SEX**

REGIONAL STATE	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	-	-	-	-	-	-
AFFAR	-	-	-	-	-	-
AMHARA	15	17	32	15	6	21
OROMIYA	27	11	38	31	14	45
SOMALIA	-	-	-	-	-	-
BENISHANGUL- GUMUZ	-	-	-	-	-	-
SNNP	12	6	18	12	6	18
GAMBELLA	41	18	59	41	21	62
HARARI	-	-	-	-	-	-
ADDIS ABABA	-	-	-	-	-	-
DIRE DAWA	-	-	-	-	-	-
<b>TOTAL</b>	<b>95</b>	<b>52</b>	<b>147</b>	<b>99</b>	<b>47</b>	<b>146</b>

NOTE: EMPLOYEES OF ETHIOPIAN RADIO ENTERPRISE IN HARARI AND ADDIS ABABA ARE NOT INCLUDED

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN RADIO ENTERPRISE

**TABLE B3. NUMBER OF EMPLOYEES OF ETHIOPIAN RADIO ENTERPRISE  
BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	72	82	154	83	81	164
205-304	43	21	64	37	23	60
305-404	52	35	87	50	30	80
405-504	41	28	69	32	24	56
505-604	48	28	76	51	28	79
605-704	19	9	28	17	7	24
705-804	51	10	61	44	9	53
805-904	20	3	23	19	3	22
905-1004	1	-	1	2	-	2
1005-1104	9	-	9	5	-	5
1105-1204	1	-	1	2	-	2
1205-1304	3	1	4	2	-	2
1305 & ABOVE	3	-	3	2	-	2
<b>TOTAL</b>	<b>363</b>	<b>217</b>	<b>580</b>	<b>346</b>	<b>205</b>	<b>551</b>

**TABLE B3. (CONT'D)**

SALARY GROUP IN BIRR	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	89	86	175	84	74	158
205-304	33	16	49	40	25	65
305-404	51	33	84	41	22	63
405-504	23	22	45	31	35	66
505-604	46	28	74	44	25	69
605-704	19	12	31	15	10	25
705-804	44	9	53	31	3	34
805-904	16	2	18	18	6	24
905-1004	3	-	3	12	2	14
1005-1104	4	-	4	4	-	4
1105-1204	-	-	-	-	-	-
1205-1304	-	-	-	-	-	-
1305 & ABOVE	2	-	2	1	-	1
<b>TOTAL</b>	<b>330</b>	<b>208</b>	<b>538</b>	<b>321</b>	<b>202</b>	<b>523</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN RADIO ENTERPRISE

**TABLE B4. RADIO BROADCASTING HOURS AND LANGUAGES USED  
BY LOCATION OF STUDIO, NATIONAL SERVICE**

YEAR*	ADDIS ABABA STUDIO				
	AMHARIC				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1993/94	1163:12	485:48	708:00	61:00	2418:00
1994/95	1163:12	405:48	708:00	41:00	2318:00
1995/96	1163:12	499:48	708:00	47:00	2418:00
1996/97	...	...	...	...	...
1997/98	703:55	1169:10	1009:55	36:30	2918:50

**TABLE B4. (CONT'D)**

YEAR*	ADDIS ABABA STUDIO				
	ENGLISH				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1994/95	2610:00	3915:00	1305:00	-	7830:00
1995/96	2610:00	3915:00	1305:00	-	7830:00
1996/97	...	...	...	...	...
1997/98	43:30	87:00	-	-	130:30

TABLE B4. (CONT'D)

YEAR*	ADDIS ABABA STUDIO									
	OROMIGNA					TIGRIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1993/94	...	...	...	...	...	...	...	...	...	...
1994/95	121:33	650:00	264:33	3:26	1039:32	...	...	...	...	...
1995/96	121:33	650:00	264:33	3:26	1039:32	...	...	...	...	...
1996/97	121:33	650:00	264:33	3:26	1039:32	...	...	...	...	...
1997/98	130:20	348:00	343:30	12:10	834:00	69:29	215:59	169:37	13:53	468:18

TABLE B4. (CONT'D)

YEAR*	HARAR STUDIO									
	OROMIGNA					SOMALIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1993/94	...	...	...	...	...	...	...	...	...	...
1994/95	...	...	...	...	...	...	...	...	...	...
1995/96	...	...	...	...	...	...	...	...	...	...
1996/97	...	...	...	...	...	...	...	...	...	...
1997/98	60:50	174:00	130:10	-	365:00	60:50	174:00	130:10	-	365:00

TABLE B4. (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1993/94	1163:12	485:48	708:00	61:00	2418:00
1994/95	3894:45	4970:48	2277:33	44:26	11187:32
1995/96	3894:45	5064:48	2277:33	50:26	11287:32
1996/97	...	...	...	...	...
1997/98	1067:34	2167:09	1782:42	62:33	5079:38

\*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION AND CULTURE

**TABLE B5. RADIO BROADCASTING HOURS AND LANGUAGES  
USED IN INTERNATIONAL SERVICE**

YEAR*	ENGLISH				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1993/94	60:50	121:40	121:40	60:50	365:00
1994/95	60:50	121:40	121:40	60:50	365:00
1995/96	60:50	121:40	121:40	60:50	365:00
1996/97	61:23	191:33	113:23	-	366:19
1997/98	61:23	191:33	113:23	-	366:19

**TABLE B5. (CONT'D)**

YEAR*	FRENCH					ARABIC				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1994/95	60:50	159:00	146:00	-	365:50	60:50	182:29	123:31	-	366:50
1995/96	60:50	159:00	146:00	-	365:50	60:50	182:29	123:31	-	366:50
1996/97	60:50	159:00	146:00	-	365:50	60:50	182:29	123:31	-	366:50
1997/98	61:23	213:23	91:25	-	366:11	61:23	169:58	134:58	-	366:19

TABLE B5. (CONT'D)

YEAR*	SOMALIGNA					AFAR				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1993/94	...	...	...	...	...	...	...	...	...	...
1994/95	60:50	147:40	156:30	-	365:00	60:50	130:30	173:40	-	365:00
1995/96	60:50	147:40	156:30	-	365:00	60:50	130:30	173:40	-	365:00
1996/97	60:50	147:40	156:30	-	365:00	60:50	130:30	173:40	-	365:00
1997/98	61:23	156:50	148:06	-	366:19	61:23	131:20	174:07	-	366:50

TABLE B5. (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1993/94	60:50	121:40	121:40	60:50	365:00
1994/95	304:10	741:19	721:21	60:50	1827:40
1995/96	304:10	741:19	721:21	60:50	1827:40
1996/97	304:43	811:12	5713:04	-	1828:59
1997/98	306:55	862:24	661:19	-	1831:58

\*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION AND CULTURE

**TABLE B6. REVENUE OF RADIO ENTERPRISE**

TYPE	IN '000 BIRR	
	YEAR*	
	1996/97	1997/98
GOVERNMENT BUDGET	12122.7	9434.8
ADVERTISING	3668.2	4668.2
OTHERS	-	-
<b>TOTAL</b>	<b>15790.9</b>	<b>14103.0</b>

**TABLE B7. RADIO ENTERPRISE OPERATING EXPENSES**

TYPE	IN '000 BIRR	
	YEAR*	
	1996/97	1997/98
SALARY AND WAGES	2735.8	2740.0
PROGRAMMING AND PRODUCTION	322.5	225.4
INSURANCE	-	-
MAINTENANCE	127.5	713.8
TELEPHONE AND OTHER COMM.	1545.3	1272.9
DEPRECIATION	-	-
TAXES	-	465.9
OTHERS	896.6	2915.0
<b>TOTAL</b>	<b>5627.7</b>	<b>8333.0</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN RADIO ENTERPRISE

TABLE B8. ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED

YEAR*	NUMBER OF HOUSEHOLDS WITH TV SETS**	AMHARIC						
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL
1993/94	200000	183:00	330:00	233:15	126:00	122:20	105:00	1099:35
1994/95	...	182:00	152:00	170:00	16:00	157:00	312:00	989:00
1995/96	...	183:00	153:00	170:00	17:10	157:00	313:00	993:10
1996/97	...	182:00	165:00	218:00	18:00	300:00	312:00	1195:00
1997/98	...	182:00	147:00	216:00	51:00	246:00	60:00	902:00

TABLE B8. (CONT'D)

YEAR*	ENGLISH						
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL
1993/94	122:00	-	360:00	-	120:40	-	602:40
1994/95	121:00	191:00	393:00	6:00	25:00	75:00	811:00
1995/96	122:00	119:00	506:00	6:20	114:40	76:00	944:00
1996/97	121:00	75:15	503:15	6:25	22:10	75:00	803:05
1997/98	121:00	114:00	618:00	3:00	54:00	9:00	910:00

TABLE B8. (CONT'D)

YEAR*	TIGRIGNA						
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL
1993/94	91:30	145:00	115:00	-	64:00	-	415:30
1994/95	121:00	83:00	86:00	1:00	112:00	270:00	673:00
1995/96	122:00	83:20	87:00	1:20	113:00	271:00	677:40
1996/97	121:00	87:00	86:00	1:25	112:00	270:00	677:25
1997/98	121:00	82:00	117:00	1:10	112:00	30:00	463:10

TABLE B8. (CONT'D)

YEAR*	OROMIGNA						
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL
1993/94	91:30	153:00	110:45	-	66:00	-	421:15
1994/95	91:00	91:00	100:00	1:00	100:00	270:00	653:00
1995/96	92:00	92:45	100:00	1:15	100:00	271:00	657:00
1996/97	91:00	100:00	100:25	1:25	100:00	270:00	662:50
1997/98	91:00	86:00	104:00	0:28	121:00	30:00	432:28

TABLE B8. (CONT'D)

YEAR*	TOTAL SERVICE HOURS						
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL
1993/94	488:00	628:00	819:00	126:00	373:00	105:00	2539:00
1994/95	515:00	517:00	749:00	24:00	394:00	927:00	3126:40
1995/96	519:00	448:05	863:00	25:55	484:40	931:00	3271:40
1996/97	515:00	427:15	907:40	27:15	534:10	927:00	3338:20
1997/98	515:00	429:00	1055:00	55:38	533:00	129:00	2716:38

\*YEAR ENDING JULY 7

\*\*ESTIMATED BY ETHIOPIAN TELEVISION

SOURCE - ETHIOPIAN TELEVISION ENTERPRISE

**TABLE B9. NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL  
MASS MEDIA BY OCCUPATION AND SEX**

OCCUPATION GROUP	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	2	-	2	2	-	2
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	48	3	51	48	3	51
3. CLERICAL AND RELATED PERSONNEL	15	26	41	15	26	41
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	16	19	35	16	19	35
6. PRODUCTION AND RELATED WORKERS TRANSPORT EQUIPMENT OPERATORS AND LABORERS	15	2	17	15	2	17
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>96</b>	<b>50</b>	<b>146</b>	<b>96</b>	<b>50</b>	<b>146</b>

**TABLE B9. (CONT'D)**

OCCUPATION GROUP	1996/97			1997/98		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	2	-	2	2	-	2
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	69	9	78	69	9	78
3. CLERICAL AND RELATED PERSONNEL	25	43	68	25	43	68
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	9	-	9	9	-	9
6. PRODUCTION AND RELATED WORKERS TRANSPORT EQUIPMENT OPERATORS AND LABORERS	-	-	-	-	-	-
7. OTHERS	-	-	-	-	-	0
<b>TOTAL</b>	<b>105</b>	<b>52</b>	<b>157</b>	<b>105</b>	<b>52</b>	<b>157</b>

\*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF EDUCATION, DEPARTMENT OF EDUCATIONAL MASS MEDIA

**TABLE B10. NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL MASS MEDIA BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	16	19	35	15	19	34
205-304	5	1	6	4	1	5
305-404	16	9	25	14	4	18
405-504	11	12	23	6	10	16
505-604	16	5	21	14	9	23
605-704	7	2	9	3	-	3
705-804	14	2	16	9	4	13
805-904	8	-	8	8	1	9
905-1004	1	-	1	4	2	6
1005-1104	-	-	-	-	-	0
1105-1204	2	-	2	14	-	14
1205-1304	-	-	-	3	-	3
1335 & ABOVE	-	-	-	2	-	2
<b>TOTAL</b>	<b>96</b>	<b>50</b>	<b>146</b>	<b>96</b>	<b>50</b>	<b>146</b>

**TABLE B10. (CONT'D)**

SALARY GROUP IN BIRR	1996/97			1997/98		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	10	14	24	10	14	24
205-304	8	8	16	8	8	16
305-404	13	8	21	13	8	21
405-504	1	1	2	1	1	2
505-604	12	16	28	12	16	28
605-704	6	8	14	6	8	14
705-804	4	8	12	4	8	12
805-904	3	8	11	3	8	11
905-1004	4	1	5	4	1	5
1005-1104	0	0	-	0	0	0
1105-1204	14	1	15	14	1	15
1205-1304	4	1	-	4	1	5
1335 & ABOVE	4	0	-	0	4	4
<b>TOTAL</b>	<b>83</b>	<b>74</b>	<b>157</b>	<b>79</b>	<b>78</b>	<b>157</b>

\*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF EDUCATION, DEPARTMENT OF EDUCATIONAL MASS MEDIA

**TABLE B11. EDUCATIONAL RADIO BROADCASTING HOURS  
BY LANGUAGES USED**

YEAR*	ALEMAYA TRANSMITTER				
	AMHARIC	ENGLISH	OTHERS	CONTINUITY & MUSIC	TOTAL
1993/94	550:00	358:40	330:00	...	1238:40
1994/95	363:20	487:20	388:00	...	1238:40
1995/96	285:20	506:40	448:00	...	1240:00
1996/97	209:20	646:40	504:00	515:00	1360:00
1997/98	163:20	626:40	546:00	934:00	1336:00

**TABLE B11. (CONT'D)**

YEAR*	BAHIR DAR TRANSMITTER					DEBRE MARKOS TRANSMITTER				
	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL
1993/94	824:00	414:00	...	-	1238:40	654:00	358:40	...	330:00	1342:40
1994/95	824:00	414:00	...	-	1238:40	654:00	358:40	...	330:00	1342:40
1995/96	733:20	506:40	...	-	1240:00	733:20	778:40	...	672:00	2184:00
1996/97	...	...	...	...	...	...	...	...	...	...
1997/98	...	...	...	...	...	...	...	...	...	...

**TABLE B11. (CONT'D)**

YEAR*	DESE TRANSMITTER					GIMBI TRANSMITTER				
	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL
1993/94	550:00	358:40	...	330:00	1238:40	550:00	358:40	...	330:00	1238:40
1994/95	622:00	358:40	...	330:00	1310:40	550:00	358:40	...	330:00	1238:40
1995/96	397:20	610:40	...	336:00	1344:00	733:20	674:40	...	672:00	2080:00
1996/97	...	...	...	...	...	839:20	618:40	900:00	742:00	2200:00
1997/98	...	...	...	...	...	754:40	740:40	968:00	628:00	2123:20

TABLE B11. (CONT'D)

YEAR*	GORE TRANSMITTER					LEGEDADI TRANSMITTER				
	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL
1993/94	550:00	358:40	...	330:00	1238:40	810:00	358:40	...	330:00	1498:40
1994/95	550:00	358:40	...	330:00	1238:40	810:00	582:40	...	946:00	2338:40
1995/96	341:20	506:40	...	392:00	1240:00	691:20	766:40	...	882:00	2340:00
1996/97	377:20	870:40	900:00	952:00	2200:00	973:20	590:40	900:00	896:00	2460:00
1997/98	439:20	740:40	968:00	952:00	2132:00	1053:20	574:40	934:00	798:00	2426:00

TABLE B11. (CONT'D)

YEAR*	MEKELE TRANSMITTER					ROBE TRANSMITTER				
	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL
1993/94	-	126:00	...	444:00	570:00	550:00	358:40	...	330:00	1238:40
1994/95	-	126:40	...	444:00	570:40	363:20	487:20	...	388:00	1238:40
1995/96	243:20	674:40	...	426:00	1344:00	285:20	506:40	...	518:00	1310:00
1996/97	...	...	...	...	...	349:20	842:40	900:00	1112:00	2304:00
1997/98	...	...	...	...	...	299:20	810:00	968:00	1126:00	2236:00

TABLE B11. (CONT'D)

YEAR*	WELAYITA TRANSMITTER					ALL TRANSMITTERS				
	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL	AMHARIC	ENGLISH	CONTINUITY & MUSIC	OTHERS	TOTAL
1993/94	524:00	582:40	...	958:00	2064:40	5562:00	3631:36	...	3712:00	12905:36
1994/95	524:00	582:40	...	958:00	2064:40	5260:40	4116:00	...	4444:00	13820:40
1995/96	341:20	506:40	...	1232:00	2080:00	4785:20	6038:40	...	5578:00	16402:00
1996/97	238:00	168:00	770:00	1274:00	1680:00	2986:40	3737:20	4885:00	5480:00	12204:00
1997/98	262:00	166:00	804:00	1218:00	1646:00	2972:00	3659:20	5576:00	5268:00	11899:20

\*YEAR ENDING JULY 7

NOTE:- STATION IDENTIFICATION ANNOUNCEMENTS, CONTINUITY AND/OR  
MUSIC HOURS ARE NOT INCLUDED

SOURCE:- MINISTRY OF EDUCATION, DEPARTMENT OF EDUCATIONAL MASS MEDIA

### 3.2 PRESS STATISTICS

Press is one of the media for relaying information to the public and exchanging news, views, ideas, etc. Although press is limited to the literate people, it has its own merit. It can be documented and revised when the need for it arises. The development of press is conditional upon the literacy rate. As a result of this and other factors, the Ethiopian press is not well developed, as it should have been. To promote the participation of the Ethiopian people in the political, social and economic activities, the expansion of press requires more attention.

The following tables show data on the number of employees of press and Information Department of the Ministry of Information and Culture, publication and circulation of the two dailies (except Monday), two weeklies and one bimonthly newspapers. Amharic and English were the languages used in the publication of these newspapers.

Table N1 shows number of employees of Ethiopian Press and Information Department by salary group. The number of employees of Press and Information Department in 1998/99 increased by 31.5 percent as compared to 1992/93, but decreased by 3.3 percent as against a year before. Table N2 shows that among the period 1994/95-1998/99 Addis Zemen, an Amharic daily had the largest circulation in 1998/99. On the other hand, in terms of number of newspapers printed 1995/96 exhibited the biggest number among the periods under review. The Ethiopian Herald, an English daily, showed the largest circulation in 1997/98 and smallest in 1994/95 in the same period.

Peoples' Police, a bimonthly newspaper showed an increasing trend in printing and circulation throughout the years under review, except in 1998/99 during which it showed a decline of 4.0 percent in printing and 4.5 percent in circulation, compared to a year before (See Table N3).

Table N4 shows newspapers printed by Ethiopian Orthodox Church. The publication of Zena Betekristian decreased by 76.6 percent in 1998/99 as compared to 1997/98. Lesane Tewahedo Ze-Orthodox showed a decline of 33.3 percent in publication in 1998/99 as compared to that of 1997/98.

The circulation of Government newspapers by Region is illustrated in Table N5. The circulation of newspapers showed an increasing trend. The smallest number of circulation was exhibited in Gambella, Somali, Bawnishangul-Gumuz and Affar Regions in 1998/99.



FIG. 10 - CIRCULATION OF NEWSPAPERS IN 1997/98 AND 1998/99

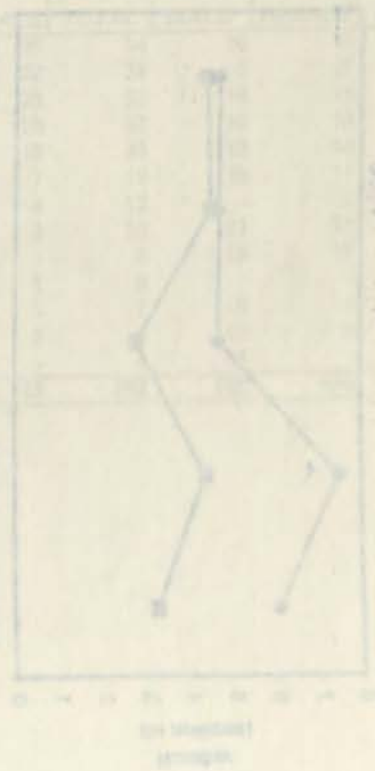


FIG. 11 - CIRCULATION OF NEWSPAPERS IN 1997/98 AND 1998/99

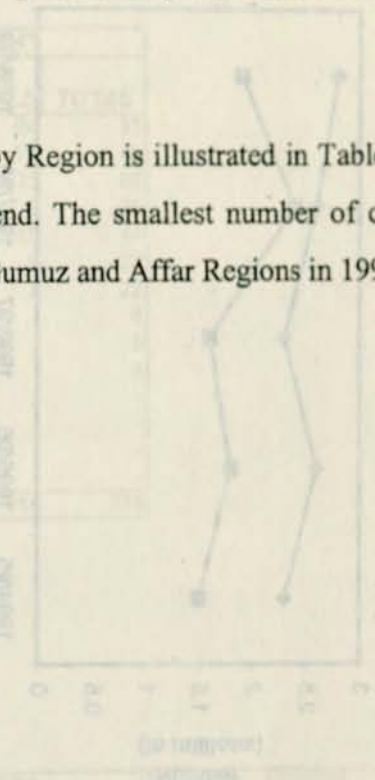
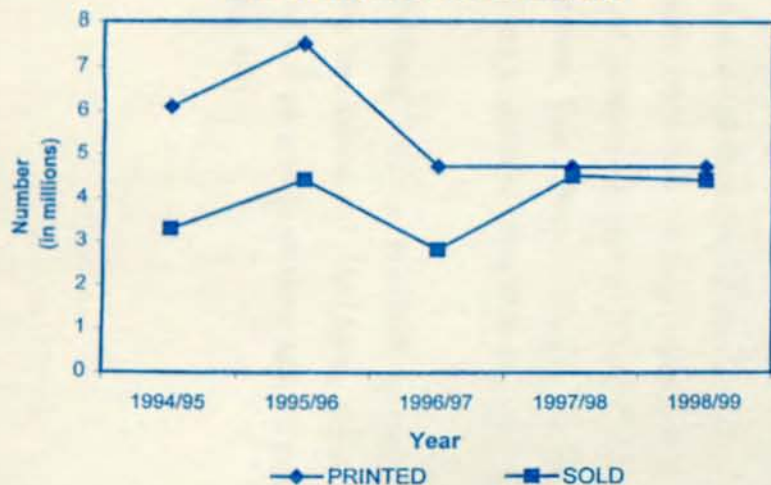


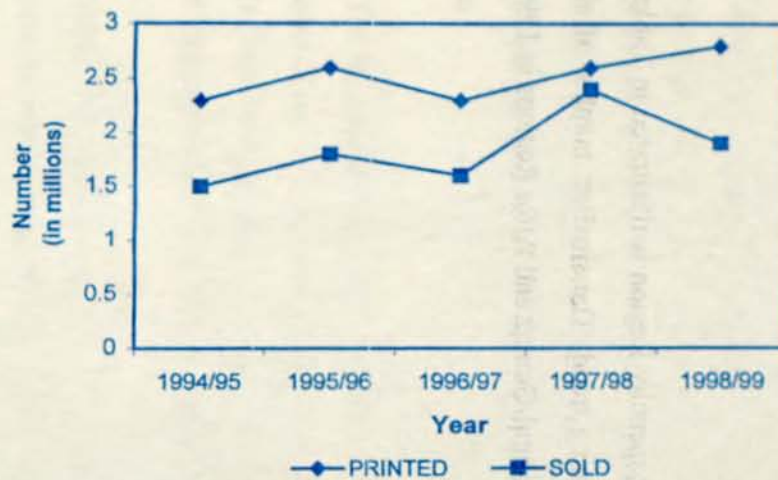
FIG. 12 - CIRCULATION OF NEWSPAPERS IN 1997/98 AND 1998/99

## CIRCULATION OF NEWSPAPERS

**Fig. 16 - TOTAL PRINTED AND SOLD  
CIRCULATION OF ADDIS ZEMEN**



**Fig. 17 - TOTAL PRINTED AND SOLD  
CIRCULATION OF ETHIOPIAN HERALD**



**Fig. 18 - TOTAL PRINTED AND SOLD  
CIRCULATION OF PEOPLE'S POLICE**

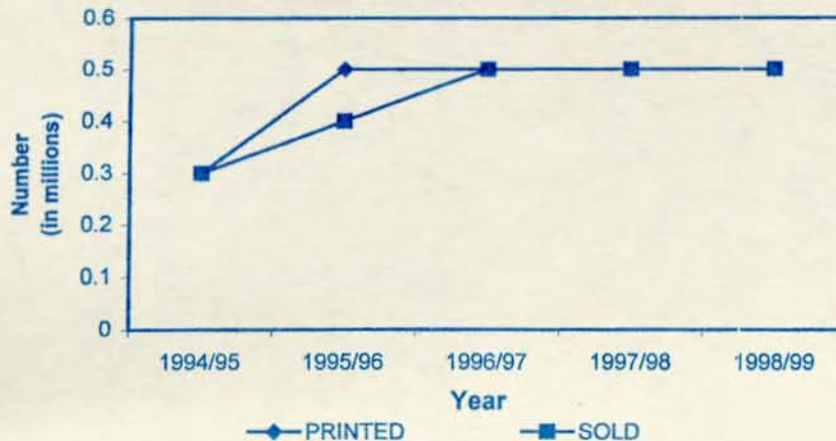


TABLE N1. NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION AND CULTURE BY SALARY GROUP AND SEX

SALARY GROUP IN BIRR	1992/93*			1993/94*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	2	18	20	9	24	33
150-249	16	22	38	20	25	45
250-349	15	18	33	33	33	66
350-449	12	12	24	17	9	26
450-549	30	11	41	29	15	44
550-649	22	8	30	18	5	23
650-749	16	3	19	19	3	22
750-849	8	-	8	6	-	6
850-949	6	-	6	5	-	5
950-1049	3	-	3	4	-	4
1050-1149	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
<b>TOTAL</b>	<b>130</b>	<b>92</b>	<b>222</b>	<b>160</b>	<b>114</b>	<b>274</b>

TABLE N1. (CONT'D)

SALARY GROUP IN BIRR	1996/97			1997/98			1998/99		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	17	19	36	14	20	34	16	16	32
205-304	16	12	28	11	22	33	6	17	23
305-404	41	31	72	29	23	52	18	15	33
405-504	34	26	60	37	30	67	10	16	26
505-604	20	20	40	24	16	40	13	14	27
605-704	12	7	19	8	7	15	16	11	27
705-804	5	7	12	8	4	12	-	3	3
805-904	17	2	19	17	3	20	23	21	44
905-1004	12	2	14	8	-	8	16	10	26
1005-1104	8	-	8	8	1	9	-	-	-
1105-1204	2	1	3	2	-	2	9	1	10
1205-1304	3	-	3	4	2	6	19	6	25
1335 & ABOVE	3	-	3	4	-	4	16	-	16
<b>TOTAL</b>	<b>190</b>	<b>127</b>	<b>317</b>	<b>174</b>	<b>128</b>	<b>302</b>	<b>162</b>	<b>130</b>	<b>292</b>

\*YEAR ENDING JULY 7

NOTE:- 1997/98 DATA REVISED

SOURCE:- MINISTRY OF INFORMATION & CULTURE

**TABLE N2. NUMBER OF COPIES OF DAILY NEWSPAPERS PRINTED, SOLD,  
DONATED AND RETAINED (PRINTED IN ADDIS ABABA)**

YEAR*	ADDIS ZEMEN				HERALD			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1994/95	6116300	3267485	153147	1520	2338000	1509827	148509	1525
1995/96	7496000	4367532	200159	3535	2641200	1781066	170776	2535
1996/97	4659500	2771178	182780	3050	2254000	1611563	134751	3050
1997/98	4721500	4483794	192103	45603	2590700	2422713	148626	19361
1998/99	4699600	2904263	196106	104072	2798400	1898168	150285	749947

\*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION AND CULTURE

**TABLE N3. NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS  
(PRINTED IN ADDIS ABABA)**

YEAR*	PEOPLE'S POLICE			
	PRINTED	SOLD	DONATED	RETAINED
1994/95	279500	277092	267	2141
1995/96	454700	449206	196	5298
1996/97	478000	470975	168	6857
1997/98	495000	488712	288	6000
1998/99	475300	466912	200	8188

\*YEAR ENDING JULY 7

SOURCE:- FEDERAL POLICE CENTRAL BUREAU

**TABLE N4. NEWSPAPERS PRINTED BY ETHIOPIAN ORTHODOX CHURCH**

YEAR*	ZENA BETEKIRISTIAN				LESANE TEWAHEDO ZE-ORTHODOX			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1994/95	22000	20734	1058	208	28000	27000	492	508
1995/96	36000	34800	1000	200	26000	25350	450	200
1996/97	85000	83800	1000	200	30000	29800	200	-
1997/98	94000	94000	-	-	24000	24000	-	-
1998/99	22000	19276	-	2724	16000	15160	-	840

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1992/93 AND 1993/94 NOT AVAILABLE

SOURCE:- ETHIOPIAN ORTHODOX CHURCH

TABLE N5. CIRCULATION OF GOVERNMENT NEWSPAPERS BY REGION

REGIONAL STATE	NUMBER								
	1996/97*			1997/98*			1998/99*		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
TIGRAY	161335	33126	194461	115015	53696	168711	111373	63724	175097
AFFAR	28248	7721	35969	28799	11304	40103	27242	16125	43367
AMHARA	337698	124456	462154	328060	159029	487089	321220	168340	489560
OROMIYA	598270	195039	793309	606964	265364	872328	538350	294250	832600
SOMALI	15360	11620	26980	14525	12395	26920	13325	10240	23565
BENISHANGUL-GUMUZ	18091	7858	25949	31806	12265	44071	27240	12560	39800
SNNP	286100	87169	373269	337891	128403	466294	319103	140120	459223
GAMBELLA	9300	1459	10759	10020	1670	11690	4864	1500	6364
HARARI	59130	22182	81312	66890	24570	91460	60240	35270	95510
ADDIS ABABA	2769052	1684866	4453918	2862389	1840305	4702694	3103369	2120602	5223971
DIRE DAWA	66020	26226	92246	81435	29571	111006	79248	34891	114139
<b>TOTAL</b>	<b>4348604</b>	<b>2201722</b>	<b>6550326</b>	<b>4483794</b>	<b>2538572</b>	<b>7022366</b>	<b>4605574</b>	<b>2897622</b>	<b>7503196</b>

\*YEAR ENDING JULY 7

SOURCE :- MINISTRY OF INFORMATION AND CULTURE, PRESS AND INFORMATION DEPARTMENT