

THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS

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ADDIS ABABA  
OCTOBER, 1999

09/06/92

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THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

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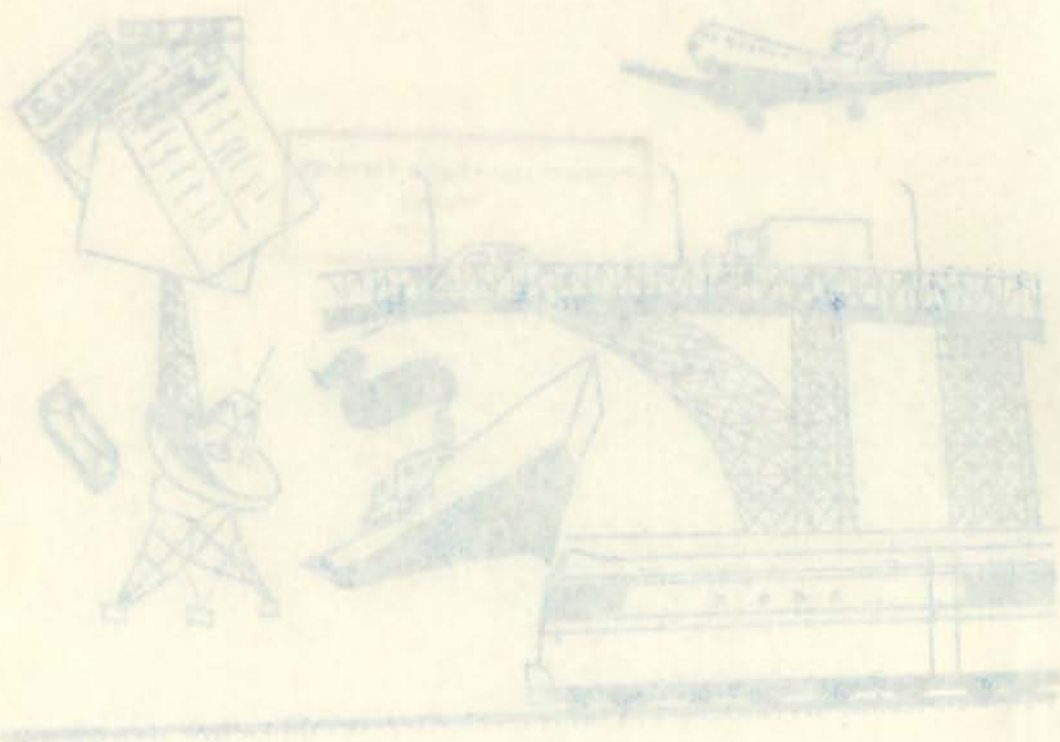
STATISTICAL BULLETIN

213

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THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA  
OCTOBER, 1999

PREPARED AND PRINTED BY  
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## *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, this year we got 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 import of road motor vehicles, value and quantity of imports and exports, 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 in this section.

Table R1 shows import of road motor vehicles by type for the years 1994 and 1995. The total number of vehicles imported in 1995 increased by 22.9 percent from that of 1994, i.e., from 9,157 in 1994 to 11,235 in 1995. If we look to details, increase in import of motor cycles and cycles fitted with an auxiliary motor are close to three fold, while that of tractors is 111%. The increase in imports in 1995 is for all types of motor vehicles except for vehicles for the transport of ten or more persons, which has shown a decline of 31.5% compared to 1994.

Imports and exports of goods by mode of transport are presented in Table R2. From this table it can be seen that quantity of imports and exports leaving the country by road is showing ups and downs. Another fact, which attracts attention, is that sea transport is a key mode of transport for Ethiopia's foreign trade.

Tables R3 - 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 vehicles, 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 R3 presents data on number of 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., 1992/93-1996/97. The figures for 1996/97 have shown an increase of about 50 percent compared to that of 1992/93, i.e. from 64,520 in 1992/93 to 96,502 in 1996/97. Private cars constitute the largest among the types in all the years. In 1996/97 private, commercial and government vehicles took 40, 31 and 15 percent of the total types in that order. On the other hand Table R4 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: trucks carrying up to 70 quintals and trucks with carrying capacity between 71 – 180 quintals. Out of the total 71,811 vehicles inspected in Addis Ababa in 1996/97, automobiles make up 62.3 percent. The comparative figure for 1997/98 stood at 57.3 percent (see Table R5).

Table R6 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 1997/98, a total of 42,163 old and 3,742 new vehicles in this category (automobiles, field vehicles, multi purpose, motor cycles, tractors and other small size vehicles) were inspected. This is a rise of 5.1 and a decline of 32.4 percent as against old and new vehicles of the same type inspected in 1996/97, respectively. In a similar way Table R7 depicts inspected fuel transport vehicles for the years 1996/97 and 1997/98 in Addis Ababa. The figures reveal that there was a significant decline of inspected fuel transport vehicles in 1997/98 compared to that of 1996/97, i.e., it decreased from 1,666 vehicles in 1996/97 to 1,263 in 1997/98 or a decline of 24.2 percent. Fuel transport vehicles with a capacity of 10 – 12 thousand liters were the largest in number in both years among inspected fuel transport

vehicles excluding the trailers. Likewise Table R8 presents data on number of inspected public transport vehicles in Addis Ababa for the same period.

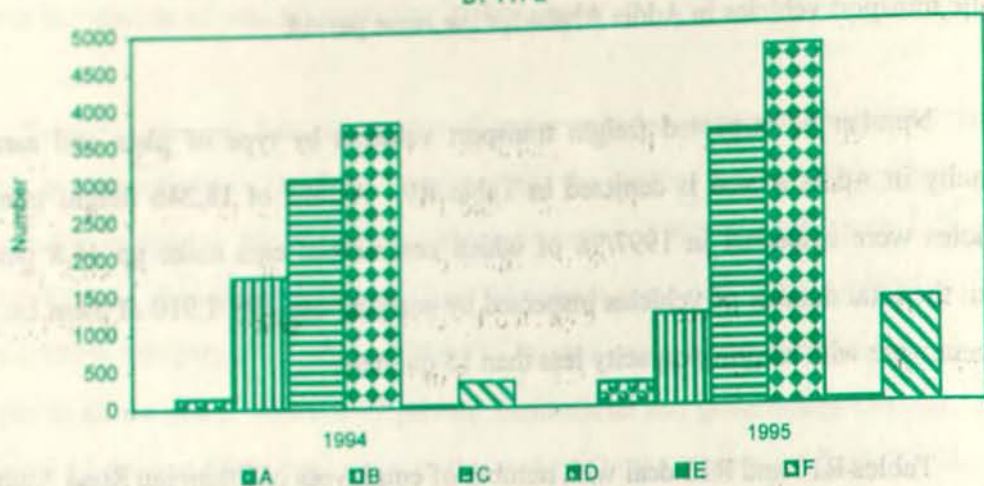
Number of inspected freight transport vehicles by type of plate and carrying capacity in Addis Ababa is depicted in Table R9. A total of 18,246 freight transport vehicles were inspected in 1997/98 of which commercial cars make up 46.8 percent. From the total number of vehicles inspected by carrying capacity 7,910 of them i.e. 43.4 percent were with carrying capacity less than 15 quintals.

Tables R10 and R11 deal with number of employees of Ethiopian Road Authority (ERA). The number of employees decreased by 2.3 percent from 15,429 in 1995/96 to 15,079 in 1997/98 (See Table R10). The figures in Table R11 depict that out of 15,079 employees in 1997/98, 85.2 percent of them were in salary group below Birr 505 – 604, while 2.2 percent were above salary group Birr 905 – 1004. Table R12 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 Ethiopian Road Authority and the figures do not include three administrative regions: Harari, Addis Ababa and Dire Dawa, which are not under the jurisdiction of the Authority.

Table R13 shows data on number of driving licenses issued to Ethiopians and foreigners. Total number of licenses issued in 1996/97 was 42,580, which showed a 46.6 percent increase against to that of 1995/96.

Finally, the last part in this section focuses on road motor vehicle traffic accidents, i.e. Tables R14, R15 and R16. These tables present data on motor vehicle traffic accidents in Ethiopia and Addis Ababa.

**FIG.1- IMPORT OF ROAD MOTOR VEHICLES  
BY TYPE**



- Note :-
- A = Tractors
  - B = motor vehicles for the transport of ten or more persons including the driver.
  - C = Motor cars and other motor vehicles designed for the transport of persons including station wagon and racing cars.
  - D = Motor vehicles for the transport of goods.
  - E = Special purpose motor vehicles eg. Crane, fire-fighting, etc, vehicles.
  - F = motor cycles and cycles fitted with an auxiliary motor.

**FIG. 2 - DRIVING LICENCES ISSUED  
BY SEX AND NATIONALITY**

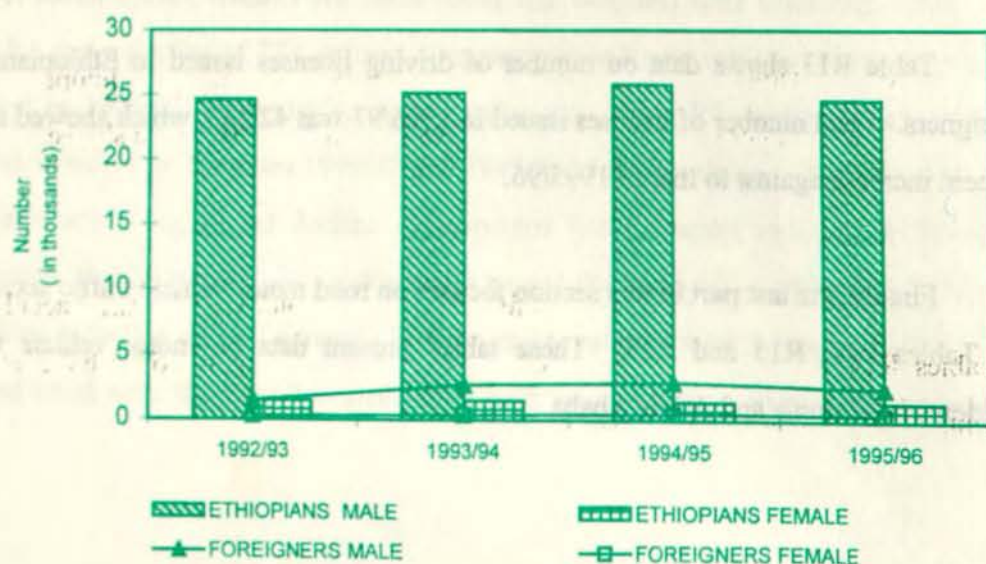


FIG.3a - MOTOR VEHICLE TRAFFIC ACCIDENTS  
IN ETHIOPIA

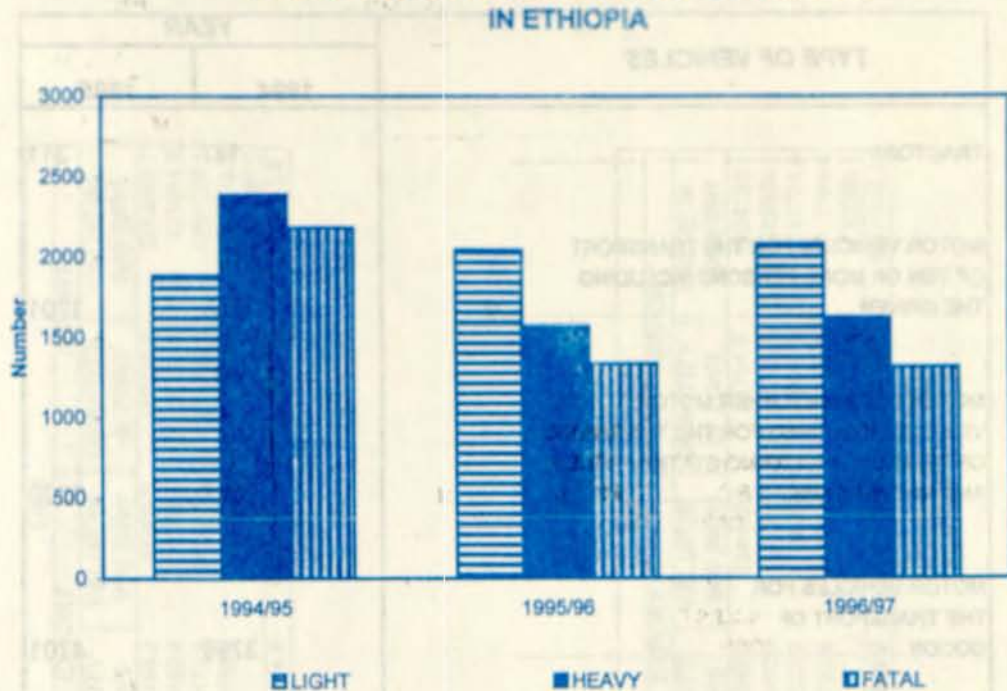


FIG.3b- MOTOR VEHICLE TRAFFIC ACCIDENTS  
IN ADDIS ABABA

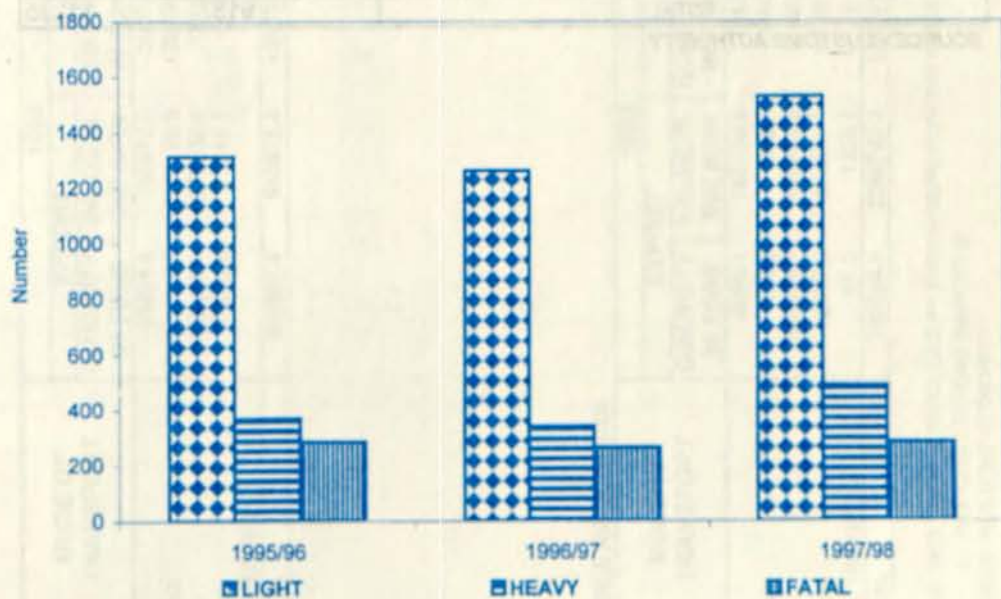


TABLE R1. IMPORT OF ROAD MOTOR VEHICLES BY TYPE

TYPE OF VEHICLES	YEAR	
	1994	1995
TRACTORS .....	147	311
MOTOR VEHICLES FOR THE TRANSPORT OF TEN OR MORE PERSONS INCLUDING THE DRIVER .....	1755	1201
MOTOR CARS AND OTHER MOTOR VEHICLES DESIGNED FOR THE TRANSPORT OF PERSONS INCLUDING STATION WAGON AND RACING CARS .....	3071	3599
MOTOR VEHICLES FOR THE TRANSPORT OF GOODS .....	3795	4701
SPECIAL PURPOSE MOTOR VEHICLES e.g. CRANE, FIRE-FIGHTING, ... ETC, VEHICLES .....	31	58
MOTOR CYCLES AND CYCLES FITTED WITH AN AUXILIARY MOTOR .....	338	1365
TOTAL	9137	11235

SOURCE:- CUSTOMS AUTHORITY

TABLE R2. IMPORTS AND EXPORTS OF GOODS BY MODE OF TRANSPORT

MODE OF TRANSPORT	1992				1993			
	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	99994.4	155672.0	300732.5	1126151.0	8165.2	95209.3	337036.2	2243099.7
ROAD	4.7	25.9	282962.3	67984.3	4482.4	9202.2	38707.6	121011.9
SEA	186035.9	275769.4	706097.3	720494.6	215170.4	643413.9	1185592.3	1284629.1
TRAIN	23632.6	72511.1	16364.0	72392.3	33466.0	259657.4	67707.6	193712.9
UNSPECIFIED	-	-	147.4	158.8	-	-	1035.6	9880.0
<b>TOTAL</b>	<b>309667.6</b>	<b>503978.4</b>	<b>1306303.5</b>	<b>1987181.0</b>	<b>261284.0</b>	<b>1007482.8</b>	<b>1630079.3</b>	<b>3852333.6</b>

TABLE R2. (CONT'D)

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	6985.1	183130.3	16426.1	368835.8	7342.3	234452.8	55764.8	1234199.1
ROAD	474.2	1282.5	27842.5	185983.6	2460.0	17362.5	48635.7	325302.1
SEA	317488.7	1575743.2	970806.4	1371470.9	159023.2	772423.8	1048481.0	1343704.9
TRAIN	72622.0	524070.1	680552.6	3209997.8	68723.4	647047.5	609108.8	3912784.6
MAIL TRANSPORT	65.0	1539.1	1988.0	14750.3	-	-	10318.7	32990.1
<b>TOTAL</b>	<b>397635.0</b>	<b>2285765.2</b>	<b>1697615.6</b>	<b>5151038.4</b>	<b>237548.9</b>	<b>1671286.6</b>	<b>1772309.0</b>	<b>6848980.8</b>

NOTE: THIS TABLE IS PRODUCED BY SUMMARIZING FOREIGN TRADE DATA  
BY CUSTOMS STATIONS (REPORT 6)  
SOURCE: CUSTOMS AUTHORITY

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

TYPE OF PLATE	YEAR*				
	1992/93	1993/94	1994/95	1995/96	1996/97
PRIVATE CARS	30074	30928	34791	36167	39001
TAXI	5233	4869	6305	6595	6524
COMMERCIAL	15905	17046	23294	28990	30315
UN & OAU	299	874	1200	1535	1098
C.D.	248	733	587	751	1485
INTERNATIONAL ORGANIZATIONS	2208	3493	3656	3561	3330
GOVERNMENT	10267	11338	13136	13510	14239
MASS ORGANIZATIONS	286	438	310	348	510
<b>TOTAL</b>	<b>64520</b>	<b>69719</b>	<b>83279</b>	<b>91457</b>	<b>96502</b>

**TABLE R4. NUMBER OF INSPECTED AND REGISTERED MOTOR VEHICLES  
IN ETHIOPIA BY TYPE AND SIZE**

TYPE OF VEHICLE	YEAR*				
	1992/93	1993/94	1994/95	1995/96	1996/97
PRIVATE CARS	28423	30902	35686	35219	37906
STATION WAGONS	5636	6094	6101	7847	8090
TAXI LESS THAN 5 SEATS	2070	1705	1850	1935	2057
TAXI 5 - 12 SEATS	3163	3164	4455	4660	4465
BUS LESS THAN 30 SEATS	1491	5453	6994	7567	9635
BUS ABOVE 30 SEATS	551	889	1699	2387	2625
TRUCKS (UPTO 70 QUINT.)	10630	10347	11069	11492	12286
TRUCKS (71 - 180 QUINT.)	5590	5866	8504	10713	10996
TRAILER	1903	1761	2505	3227	3698
TRUCK-TRACTOR	737	515	480	1286	1108
SEMI-TRAILER	271	478	360	971	190
TANKER	908	760	1191	994	1085
TRAILER	600	276	877	900	856
SEMI-TRAILER	28	44	7	7	36
<b>SUB TOTAL</b>	<b>62001</b>	<b>68254</b>	<b>81778</b>	<b>89205</b>	<b>95033</b>
MOTOR CYCLES AND SPECIAL MACHINERY	1087	1465	1501	2252	1469
UNSPECIFIED VEHICLES	1432	-	-	-	-
<b>TOTAL</b>	<b>64520</b>	<b>69719</b>	<b>83279</b>	<b>91457</b>	<b>96502</b>

\*YEAR ENDING JULY 7

SOURCE: ROAD TRANSPORT AUTHORITY

**TABLE R5. TECHNICAL INSPECTION OF VEHICLES BY TYPE OF PLATE  
AND SERVICES IN ADDIS ABABA 1996/97**

TYPE OF PLATE	TYPE OF SERVICE					
	AUTOMOBILE*		PUBLIC TRANSPORT		FREIGHT TRANSPORT	
	OLD	NEW	OLD	NEW	OLD	NEW
GOVERNMENT CARS	3559	288	481	14	2272	116
MASS ORGANIZATION VEHICLES	335	1	1	-	162	-
UNITED NATION CARS	656	33	29	1	99	1
DIPLOMATIC CARS	483	132	21	6	55	7
AID VEHICLES	1423	155	95	4	412	41
O.A.U CARS	146	10	3	1	1	1
COMMERCIAL CARS	1537	105	1397	610	7748	1835
TAXI	1457	58	3187	570	-	-
PRIVATE COMMERCIAL CARS	780	411	419	131	2311	360
PRIVATE CARS	29216	3963	353	81	1292	383
<b>TOTAL</b>	<b>39592</b>	<b>5156</b>	<b>5986</b>	<b>1418</b>	<b>14352</b>	<b>2744</b>

\* IT INCLUDES AUTOMOBILES, FIELD VEHICLES AND MULTI PURPOSE VEHICLES IN TABLE R6.

**TABLE R5. (CONT'D) 1996/97**

TYPE OF PLATE	TYPE OF SERVICE						GRAND TOTAL	
	FUEL TRANSPORT		MOTOR CYCLE		OTHERS		OLD	NEW
	OLD	NEW	OLD	NEW	OLD	NEW		
GOVERNMENT CARS	58	4	194	58	47	5	6611	485
MASS ORGANIZATION VEHICLES	-	-	-	-	1	-	499	1
UNITED NATION CARS	8	-	3	-	3	-	798	35
DIPLOMATIC CARS	-	1	4	3	5	-	568	149
AID VEHICLES	6	-	68	127	34	1	2038	328
O.A.U CARS	1	-	-	-	1	-	152	12
COMMERCIAL CARS	1438	107	13	6	19	25	12152	2688
TAXI	-	-	-	-	-	-	4644	628
PRIVATE COMMERCIAL CARS	28	7	10	49	4	14	3552	972
PRIVATE CARS	7	1	91	84	18	10	30977	4522
<b>TOTAL</b>	<b>1546</b>	<b>120</b>	<b>383</b>	<b>327</b>	<b>132</b>	<b>55</b>	<b>61991</b>	<b>9820</b>

SOURCE - ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R5. (CONT'D) 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 R5. (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 R6. TECHNICAL INSPECTION OF VEHICLES BY TYPE OF PLATE, CAPACITY AND SERVICES IN ADDIS ABABA 1996/97

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	1342	31	-	-	1390	111	827	146	3559	288
MASS ORGANIZATION VEHICLES	71	-	-	-	208	1	56	-	335	1
UNITED NATION CARS	363	16	-	-	271	15	22	2	656	33
DIPLOMATIC CARS	220	53	-	-	247	75	16	4	483	132
AID VEHICLES	478	18	-	-	754	102	191	35	1423	155
O.A.U CARS	136	4	-	-	9	5	1	1	146	10
COMMERCIAL CARS	837	25	-	-	450	32	250	48	1537	105
TAXI	1457	58	-	-	-	-	-	-	1457	58
PRIVATE COMMERCIAL CARS	428	151	-	-	259	138	93	122	780	411
PRIVATE CARS	25266	3086	-	-	2295	560	1655	317	29216	3963
<b>TOTAL</b>	<b>30598</b>	<b>3442</b>	<b>0</b>	<b>0</b>	<b>5883</b>	<b>1039</b>	<b>3111</b>	<b>675</b>	<b>39592</b>	<b>5156</b>

TABLE R6. (CONT'D) 1996/97

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	194	58	-	2	47	3	241	63	3800	351
MASS ORGANIZATION VEHICLES	-	-	-	-	1	-	1	0	336	1
UNITED NATION CARS	3	-	-	-	3	-	6	0	662	33
DIPLOMATIC CARS	4	3	-	-	5	-	9	3	492	135
AID VEHICLES	68	127	-	-	34	1	102	128	1525	283
O.A.U CARS	-	-	-	-	1	-	1	0	147	10
COMMERCIAL CARS	13	6	2	5	17	20	32	31	1569	136
TAXI	-	-	-	-	-	-	0	0	1457	58
PRIVATE COMMERCIAL CARS	10	49	-	4	4	10	14	63	794	474
PRIVATE CARS	91	84	2	1	16	9	109	94	29325	4057
<b>TOTAL</b>	<b>383</b>	<b>327</b>	<b>4</b>	<b>12</b>	<b>128</b>	<b>43</b>	<b>515</b>	<b>382</b>	<b>40107</b>	<b>5538</b>

\* EXCLUDING THE DRIVER

SOURCE: - ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R6. (CONT'D) 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	62
DIPLOMATIC CARS	384	52	-	-	126	18	13	3	523	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	2246
<b>TOTAL</b>	<b>31609</b>	<b>2246</b>	<b>0</b>	<b>0</b>	<b>3868</b>	<b>521</b>	<b>6231</b>	<b>642</b>	<b>41708</b>	<b>3409</b>

TABLE R6. (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>0</b>	<b>0</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 R7. TECHNICAL INSPECTION OF FUEL TRANSPORT VEHICLES BY TYPE OF PLATE  
AND CARRYING CAPACITY IN ADDIS ABABA 1996/97

TYPE OF PLATE	CARRYING CAPACITY IN '000 LITTER												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	26	-	17	-	5	-	3	3	7	1	58	4	62	
MASS ORGANIZATION VEHICLES	-	-	-	-	-	-	-	-	-	-	-	-	-	
UNITED NATION CARS	1	-	2	-	-	-	-	-	5	-	8	-	8	
DIPLOMATIC CARS	-	1	1	-	-	-	-	-	-	-	1	1	2	
AID VEHICLES	-	-	5	-	-	-	-	-	1	-	6	-	6	
COMMERCIAL CARS	80	14	500	27	18	3	74	14	766	49	1438	107	1545	
PRIVATE COMMERCIAL CARS	3	1	9	1	-	-	1	2	15	3	28	7	35	
PRIVATE CARS	-	-	3	1	-	-	1	-	3	-	7	1	8	
<b>TOTAL</b>	<b>110</b>	<b>16</b>	<b>537</b>	<b>29</b>	<b>23</b>	<b>3</b>	<b>79</b>	<b>19</b>	<b>797</b>	<b>53</b>	<b>1546</b>	<b>120</b>	<b>1666</b>	

Note: One old car with a capacity of 10-13 thousand liters belonging to O.A.U is included under diplomatic cars.

TABLE R7 (CONT'D) 1997/98

TYPE OF PLATE	CARRYING CAPACITY IN '000 LITTER												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	-	-	-	-	-	-	-	-	-	-	-	-	-	
AID VEHICLES	-	-	1	-	-	-	-	-	-	-	1	-	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>	

SOURCE - ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R8. TECHNICAL INSPECTION OF PUBLIC TRANSPORT VEHICLES BY TYPE OF PLATE  
AND CARRYING CAPACITY IN ADDIS ABABA 1996/97

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	249	6	125	-	36	1	71	7	481	14	495
MASS ORGANIZATION VEHICLES	1	-	-	-	-	-	-	-	1	-	1
UNITED NATION CARS	17	1	8	-	-	-	4	-	29	1	30
DIPLOMATIC CARS	16	5	5	-	-	-	-	1	21	6	27
AID VEHICLES	75	3	17	1	2	-	1	-	95	4	99
O.A.U CARS	2	1	1	-	-	-	-	-	3	1	4
COMMERCIAL CARS	481	207	236	93	209	86	471	224	1397	610	2007
TAXI	3187	570	-	-	-	-	-	-	3187	570	3757
PRIVATE COMMERCIAL CARS	64	35	40	5	20	2	295	89	419	131	550
PRIVATE CARS	328	73	19	4	3	2	3	2	353	81	434
<b>TOTAL</b>	<b>4420</b>	<b>901</b>	<b>451</b>	<b>103</b>	<b>270</b>	<b>91</b>	<b>845</b>	<b>323</b>	<b>5986</b>	<b>1418</b>	<b>7404</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R8 (CONT'D) 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	3852	445	406	99	60	10	58	16	4376	570	4946
MASS ORGANIZATION VEHICLES	20	7	1	-	-	-	-	-	21	7	28
UNITED NATION CARS	722	62	30	1	11	-	-	-	763	63	826
DIPLOMATIC CARS	523	73	27	2	2	1	-	-	552	76	628
AID VEHICLES	1648	13	62	-	-	-	-	-	1710	13	1723
O.A.U CARS	88	10	-	-	-	-	-	-	88	10	98
COMMERCIAL CARS	1102	121	274	58	470	102	614	148	2460	429	2889
TAXI	3810	40	5459	134	-	-	-	-	9269	174	9443
PRIVATE COMMERCIAL CARS	3070	432	695	55	22	2	39	6	3826	495	4321
PRIVATE CARS	30683	2246	574	75	-	-	-	-	31257	2321	33578
<b>TOTAL</b>	<b>45518</b>	<b>3449</b>	<b>7528</b>	<b>424</b>	<b>565</b>	<b>115</b>	<b>711</b>	<b>170</b>	<b>54322</b>	<b>4158</b>	<b>58480</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R9. TECHNICAL INSPECTION OF FREIGHT TRANSPORT VEHICLES BY TYPE OF PLATE  
AND CARRYING CAPACITY IN ADDIS ABABA 1996/97

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	777	42	121	2	175	19	703	12	113	34	1889	109
MASS ORGANIZATION VEHICLES	28	-	-	-	-	-	86	-	-	-	114	0
UNITED NATION CARS	23	1	3	-	2	-	6	-	5	-	39	1
DIPLOMATIC CARS	11	7	2	-	10	-	23	-	1	-	47	7
AID VEHICLES	152	23	24	3	21	7	73	4	32	1	302	38
O.A.U CARS	1	1	-	-	-	-	-	-	-	-	1	1
COMMERCIAL CARS	1054	128	851	358	616	119	2761	672	706	223	5988	1500
PRIVATE COMMERCIAL CARS	263	116	89	28	110	8	603	51	179	50	1244	253
PRIVATE CARS	1187	369	19	6	21	-	33	6	7	-	1267	381
<b>TOTAL</b>	<b>3496</b>	<b>687</b>	<b>1109</b>	<b>397</b>	<b>955</b>	<b>153</b>	<b>4288</b>	<b>745</b>	<b>1043</b>	<b>308</b>	<b>10891</b>	<b>2290</b>

TABLE R9. (CONT'D) 1996/97

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	224	4	111	3	48	-	383	7	2272	116
MASS ORGANIZATION VEHICLES	48	-	-	-	-	-	48	0	162	0
UNITED NATION CARS	57	-	3	-	-	-	60	0	99	1
DIPLOMATIC CARS	8	-	-	-	-	-	8	0	55	7
AID VEHICLES	64	2	42	1	4	-	110	3	412	41
O.A.U CARS	-	-	-	-	-	-	0	0	1	1
COMMERCIAL CARS	1428	248	248	51	84	36	1760	335	7748	1835
PRIVATE COMMERCIAL CARS	684	30	380	72	3	5	1067	107	2311	360
PRIVATE CARS	20	2	4	-	1	-	25	2	1292	383
<b>TOTAL</b>	<b>2533</b>	<b>286</b>	<b>788</b>	<b>127</b>	<b>140</b>	<b>41</b>	<b>3461</b>	<b>454</b>	<b>14352</b>	<b>2744</b>

SOURCE:- ADDIS ABABA ADMINISTRATION TRANSPORT AND COMMUNICATION BUREAU

TABLE R9. (CONT'D) 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>	

TABLE R9. (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 R10. NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY  
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1995/96*			1997/98*		
	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>

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1996/97 ARE NOT AVAILABLE

SOURCE:- ETHIOPIAN ROAD AUTHORITY

**TABLE R11. NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY  
BY SALARY GROUP AND SEX**

SALARY GROUP IN BIRR	1995/96*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	...	...	9606	8012	89	8101
205-304	...	...	1638	2551	147	2698
305-404	...	...	1267	555	77	632
405-504	...	...	1590	1318	98	1416
505-604	...	...	301	542	118	660
605-704	...	...	405	502	102	604
705-804	...	...	296	74	18	92
805-904	...	...	104	498	15	513
905-1004	...	...	143	25	1	26
1005-1104	...	...	25	90	2	92
1105-1204	...	...	19	2	-	2
1205-1304	...	...	2	44	-	44
1305 & ABOVE	...	...	33	192	7	199
<b>TOTAL</b>	...	...	<b>15429</b>	<b>14405</b>	<b>674</b>	<b>15079</b>

\*YEAR ENDING JULY 7

NOTE:- 1) THERE IS NO DATA FOR 1996/97 BY SALARY GROUP AND SEX,  
AND FOR 1995/96 BY SEX BREAKDOWN

SOURCE:- ETHIOPIAN ROAD AUTHORITY

**TABLE R12. 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 R13. NUMBER OF DRIVING LICENCES ISSUED(NEW)  
BY NATIONALITY AND SEX**

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1992/93*	24572	1495	26067	1511	258	1769	27836
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*	...	...	40537	...	...	2043	42580

\*YEAR ENDING JULY 7

SOURCE:- 1) REGIONAL STATES' TRANSPORT AND COMMUNICATION BUREAUX

**TABLE R14. 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

**TABLE R14. (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	

\*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 R15. MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA**

YEAR*	TOTAL NUMBER OF ACCIDENTS				TOTAL
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	
1994/95	1833	2390	2183	4213	10619
1995/96	2044	1568	1335	5553	10500
1996/97	2080	1618	1314	6512	11524

**TABLE R15. (CONT'D)**

YEAR*	NUMBER OF DEATHS			TOTAL
	YOUNG	MATURED	OLD	
1994/95	...	948	154	1102
1995/96	990	533	179	1702
1996/97	1003	495	169	1667

**TABLE R15. (CONT'D)**

YEAR*	NUMBER OF PERSONS INJURED			TOTAL
	YOUNG	MATURED	OLD	
1994/95	5304	2967	693	8964
1995/96	4030	1974	501	6505
1996/97	4361	2021	602	6984

SOURCE :- FEDERAL POLICE CENTRAL BUREAU

**TABLE R16. NUMBER OF ROAD MOTOR VEHICLE TRAFFIC ACCIDENTS  
IN ETHIOPIA AND ADDIS ABABA BY TYPE OF VEHICLES**

VEHICLES INVOLVED BY TYPE	1994/95*		1995/96*		1996/97*	
	IN ETHIOPIA	OF WHICH ADDIS ABABA	IN ETHIOPIA	OF WHICH ADDIS ABABA	IN ETHIOPIA	OF WHICH ADDIS ABABA
PRIVATE CARS	1902	1467	...	...	...	...
TAXI	737	607	...	...	...	...
BUSES	920	283	...	...	...	...
TRUCKS	3097	977	...	...	...	...
GOVERNMENT CARS	...	...	...	...	...	...
MILITARY CARS	...	...	...	...	...	...
DIPLOMATIC CARS	...	...	...	...	...	...
UNITED NATIONS CARS+	...	...	...	...	...	...
MOTOR CYCLES	107	19	...	...	...	...
CYCLES	91	13	...	...	...	...
CART	25	3	...	...	...	...
SPECIAL VEHICLES	114	13	...	...	...	...
OTHER	212	63	...	...	...	...
<b>TOTAL</b>	<b>7205</b>	<b>3445</b>	<b>10500</b>	<b>6202</b>	<b>11524</b>	<b>6852</b>

\*YEAR ENDING JULY 7

+ INCLUDES OTHER INTERNATIONAL ORGANIZATIONS

SOURCE :- FEDERAL POLICE CENTRAL BUREAU

## 1.2. RAILWAY STATISTICS

For slightly more than a century now, the Ethio-Djibouti Railway is one of the most important means of transportation and a link to the outside world for Ethiopia. The route covers 781 km from Addis Ababa to the port city of Djibouti. The Ethio-Djibouti 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 1993/94 to 1997/98. The data presented in tables W1-W9, covers data on rolling stocks, passengers carried, quantity of freight transported and financial operations 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 decrease in the number of employees throughout the years from 1993/94 to 1997/98, exhibiting a decline of 7 percent in 1997/98 compared to that of 1993/94.

The number of rolling stocks for most of the years under discussion remained the same i.e. 648, except for 1993/94 and 1996/97 during which it stood at 649. This slight change was the result of the variation in the number of diesel-electric locomotives and autorails. For details refer to Table W3.

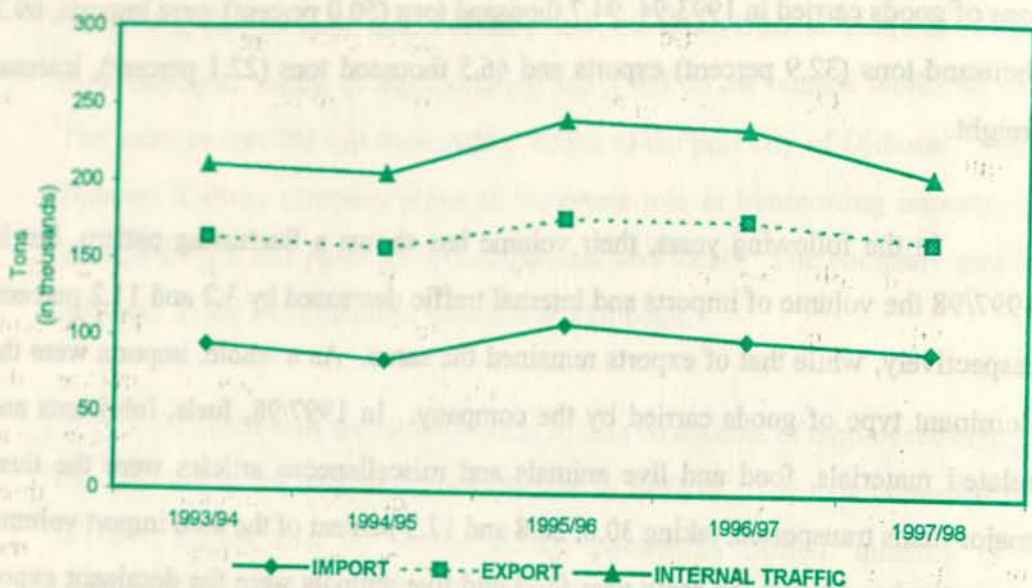
Table W4 reveals that, both number of passengers and amount of freight carried exhibited ups and downs during the referred years. Number of passengers transported was at its peak in 1997/98 while at its lowest in 1994/95. Among 787.5 thousand passengers in 1997/98, about 19 percent were 1<sup>st</sup> and 2<sup>nd</sup> class passengers, while the rest, i.e., about 81 percent were 3<sup>rd</sup> class passengers. The comparative figures for 1993/94 were 24 percent (for 1<sup>st</sup> and 2<sup>nd</sup> class) and 76 percent (for 3<sup>rd</sup> class) passengers. Despite the fluctuations there was an increase of 18.3 percent in 1997/98, in total number of passengers compared to that of 1993/94. On the contrary total

passenger traveled in million km and average km per passenger moved down during the same period. On the other hand, as shown in the same table out of 210.5 thousand tons of goods carried in 1993/94, 94.7 thousand tons (50.0 percent) were imports, 69.3 thousand tons (32.9 percent) exports and 46.5 thousand tons (22.1 percent), internal freight.

In the following years, their volume has shown a fluctuating pattern, but in 1997/98 the volume of imports and internal traffic decreased by 3.2 and 11.2 percent, respectively, while that of exports remained the same. As a whole, imports were the dominant type of goods carried by the company. In 1997/98, fuels, lubricants and related materials, food and live animals and miscellaneous articles were the three major items transported, taking 30.8, 20.8 and 17.3 percent of the total import volume, respectively. During the same year food and live animals were the dominant export items making 88.9 percent of the total followed by miscellaneous items (9.2 percent) and manufactured articles 1.6 percent. In internal traffic, food and live animals, took the biggest share (70.7 percent), followed by manufactured articles (12.1 percent) and miscellaneous articles (10.2 Percent) in that order during 1997/98. For details refer to tables W5 - W7.

Financial operations of the company during the period under review (1993/94 - 1997/98), indicate that, the company gained more from freight, than passengers transported and other sources combined. To put into figures, in 1997/98 out of Birr 53,163.1 thousand the company gained, Birr 38,316.3 thousand came from freight, Birr 12,936.8 thousand from passengers and the rest Birr 1,910.0 thousand, was from other sources (see Table W8). As to the expenses of the company, the data in this 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 1993/94 -1997/98. Nevertheless, as could be observed from the data in the same table, expenditure of the company was higher than the revenue in all the years except for 1996/97. The company incurred a loss of Birr 1,046 thousand in 1997/98.

**FIG. 4 - FREIGHT TRANSPORTED BY  
ETHIO-DJIBOUTI RAILWAY**



Financial operations of the company during the period under review (1993/94 to 1997/98) indicate that the company earned more from freight than passengers transported and other services combined. To put into figures, in 1997/98 out of Birr 23,167.1 thousand the company earned Birr 22,316.3 thousand from freight, Birr 12,958.2 thousand from passengers and the net Birr 1,910.0 thousand was from other sources (see Table W/2). As to the expenses of the company, the data in this table reveals that personnel expenditures took the biggest share during the same period. In general, revenues and expenditures of the company followed an upward but oscillating trend throughout the years 1993/94-1997/98. Nevertheless, as could be observed from the data in the same table, expenditures of the company was higher than the revenues in all the years except for 1996/97. The company incurred a loss of Birr 1,016 thousand in 1997/98.

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

OCCUPATION GROUP	1993/94*			1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	36	26	62	153	18	171	154	19	173
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	19	-	19	13	3	16	9	4	13
3. CLERICAL AND RELATED PERSONNEL	138	24	162	73	38	111	70	35	105
4. SALES WORKERS	281	2	283	...	...	...	...	...	...
5. SERVICE WORKERS	593	59	652	359	47	406	285	49	334
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1365	1	1366	1784	10	1794	1784	13	1797
7. OTHERS	78	-	78	47	5	52	46	6	52
<b>TOTAL</b>	<b>2510</b>	<b>112</b>	<b>2622</b>	<b>2429</b>	<b>121</b>	<b>2550</b>	<b>2348</b>	<b>126</b>	<b>2474</b>

TABLE W1. (CONT'D)

OCCUPATION GROUP	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	155	16	171	158	15	173
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	366	10	376	360	13	373
3. CLERICAL AND RELATED PERSONNEL	70	35	105	62	34	96
4. SALES WORKERS	...	...	...	...	...	...
5. SERVICE WORKERS	300	49	349	284	47	331
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1375	7	1382	1345	7	1352
7. OTHERS	66	8	74	106	9	115
<b>TOTAL</b>	<b>2332</b>	<b>125</b>	<b>2457</b>	<b>2315</b>	<b>125</b>	<b>2440</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	1995/96*			1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	246	12	258	300	17	317	342	12	354
205-304	880	31	911	843	31	874	707	30	737
305-404	357	16	373	335	14	349	313	14	327
405-504	162	6	168	147	7	154	194	8	202
505-604	65	17	82	68	17	85	84	12	96
605-704	79	10	89	80	9	89	80	16	96
705-804	136	12	148	116	7	123	162	8	170
805-904	93	9	102	91	10	101	97	9	106
905-1004	77	4	81	72	3	75	70	4	74
1005-1104	43	-	43	55	1	56	49	1	50
1105-1204	25	-	25	28	-	28	25	-	25
1205-1304	17	-	17	14	-	14	21	-	21
1305 & ABOVE	168	9	177	183	9	192	171	11	182
<b>TOTAL</b>	<b>2348</b>	<b>126</b>	<b>2474</b>	<b>2332</b>	<b>125</b>	<b>2457</b>	<b>2315</b>	<b>125</b>	<b>2440</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

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

	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
LENGTH OF RAILWAYS (KM)	781	781	781	781	781
ROLLING STOCKS (NUMBER) :	649	648	648	649	648
(I) STEAM LOCOMOTIVES AND LOCOTRACTORS	6	6	6	6	6
(II) DIESEL-ELECTRIC LOCOMOTIVES	16	16	16	17	17
(III) PASSENGER CARS	31	31	31	31	31
(IV) FREIGHT CARS	590	590	590	590	590
(V) AUTORAILS	6	5	5	5	4
(VI) OTHERS	-	-	-	-	-

\*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		
1993/94	158.0	507.5	665.5	186.5	280.4
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

TABLE W4. (CONT'D)

YEAR*	FREIGHT ('000 TONS)				COMMERCIAL TRAFFIC MILLION-TON/KMS	AVERAGE KM/TON OF COMM. TRAFFIC
	IMPORT	EXPORT	INTERNAL TRAFFIC	TOTAL		
1993/94	94.7	69.3	46.5	210.5	102.3	485
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

\*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				
	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
FOOD AND LIVE ANIMALS	3.8	9	28.6	20.5	19.1
BEVERAGES AND TOBACCO	-	-	-	0.1	0.1
CRUDE MATERIALS EXCEPT FUELS	0.1	0.1	-	0.3	0.3
FUELS, LUBRICANTS AND RELATED MATERIALS	23.1	27.7	35	30.3	28.2
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	16.9	6.9	1.1	11.3	10.6
MANUFACTURED ARTICLES	29.0	27.1	7.7	16.0	14.9
MACHINERY AND TRANSPORT EQUIPMENT	2.2	2.4	1.8	2.8	2.6
MISCELLANEOUS ARTICLES N.E.S	19.5	11.5	34.4	17.0	15.9
<b>TOTAL</b>	<b>94.6</b>	<b>84.7</b>	<b>108.6</b>	<b>98.3</b>	<b>91.7</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				
	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
FOOD AND LIVE ANIMALS	65.3	62.9	58.9	54.8	61.6
BEVERAGES AND TOBACCO	-	-	0.1	0.02	-
CRUDE MATERIALS EXCEPT FUELS	-	-	-	-	-
FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	-	-	-
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	-	-	-	-	-
MANUFACTURED ARTICLES	0.9	0.4	0.4	-	1.1
MACHINERY AND TRANSPORT EQUIPMENT	0.1	-	-	0.04	0.2
MISCELLANEOUS ARTICLES N.E.S	3.0	9	8.3	20.94	6.4
<b>TOTAL</b>	<b>69.3</b>	<b>72.3</b>	<b>67.7</b>	<b>75.8</b>	<b>69.3</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				
	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
FOOD AND LIVE ANIMALS	36.9	32.7	46.1	41.1	29.2
BEVERAGES AND TOBACCO	0.6	0.7	0.1	0.1	0.1
CRUDE MATERIALS EXCEPT FUELS	1.8	3	1.1	1.2	0.9
FUELS, LUBRICANTS AND RELATED MATERIALS	0.3	0.3	0.1	0.2	0.2
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	0.1	-	1.1	0.5	0.3
MANUFACTURED ARTICLES	3.0	6.7	7.1	7.0	5.0
MACHINERY AND TRANSPORT EQUIPMENT	0.9	1.2	1.8	2.0	1.4
MISCELLANEOUS ARTICLES N.E.S	3.0	3.1	4.8	5.9	4.2
<b>TOTAL</b>	<b>46.6</b>	<b>47.7</b>	<b>62.2</b>	<b>58.0</b>	<b>41.3</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
1993/94	12707.0	31523.0	600.0	44830.0	15300.0	11495.0	19360.0	46155.0
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

\*YEAR ENDING JULY 7

\*\* 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 of the enterprise by occupation and salary group. From these tables one can observe that number of employees of the enterprise in 1997/98 has slightly increased (2.2 percent) compared to its level in 1996/97. In 1997/98 most of the employees were production and related workers, transport equipment operators and laborers, followed by professional/technical and related personnel, and the third biggest category of workers is the clerical personnel occupational group. The picture for the previous year is almost the same, except that the latter group exchange places. It is interesting to mention that, 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. 204 employees (48.2 percent) in 1997/98 and 172 (41.5 percent) in 1996/97.

Table H3 presents data on vessels in use, by number and net and gross registered tonnage. During the period 1993/94 to 1997/98 the enterprise owned 12 ships in the first year, the following year it added one more and in the next two years the number moved down to 12 and in 1997/98 went further down to 11.

Freight carried by Ethiopian Shipping Lines Enterprise is summarized in Table H4. Volume of freight carried was at its peak in 1993/94, and at its lowest level in 1996/97. In 1997/98 volume of freight carried decreased by 12 percent, compared to the comparative figure for 1993/94, which was 299,000 tons. Likewise freight carried in the coastal area showed ups and downs during the period under review exhibiting its lowest

level in 1997/98 at 132,374 tons and the comparative figure for 1996/97 stood at 211,822 tons.

As far as the financial operations of the Ethiopian Shipping Lines Enterprise are concerned, both revenue and expenditure grew up in the first two years and went down in the next two years (See Table H5).

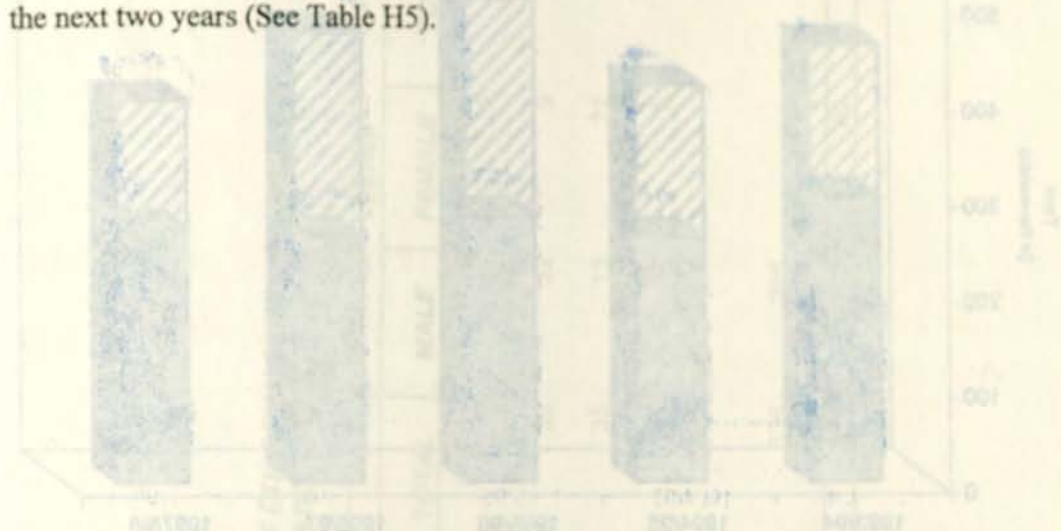


TABLE H1. NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES ENTERPRISE BY SEX AND OCCUPATION GROUP

OCCUPATION GROUP	1997/98		1998/99		1999/00		2000/01		2001/02	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	5	5	5	5	5	5	5	5	5	5
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	20	20	20	20	20	20	20	20	20	20
3. CLERICAL AND RELATED PERSONNEL	10	10	10	10	10	10	10	10	10	10
4. SALES WORKERS	5	5	5	5	5	5	5	5	5	5
5. SERVICE WORKERS	5	5	5	5	5	5	5	5	5	5
6. PERSONS IN A RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABOURERS	250	250	250	250	250	250	250	250	250	250
7. OTHERS	5	5	5	5	5	5	5	5	5	5
TOTAL	376	376	376	376	376	376	376	376	376	376

Source: Ethiopian Shipping Lines Enterprise, 2002.

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

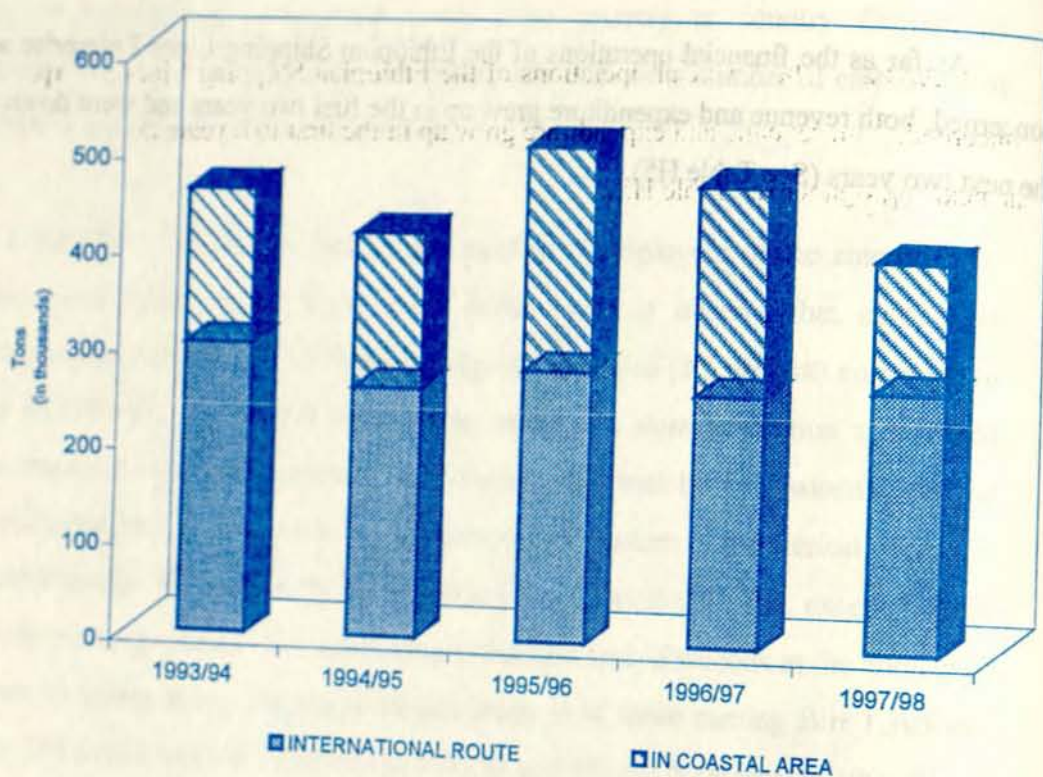


TABLE H1. NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES  
ENTERPRISE BY OCCUPATION AND SEX

OCCUPATION GROUP	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	5	1	6	7	1	8
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	26	6	32	32	9	41
3. CLERICAL AND RELATED PERSONNEL	10	25	35	13	27	40
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	9	6	15	17	5	22
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	326	-	326	295	-	295
7. OTHERS	-	-	-	13	4	17
<b>TOTAL</b>	<b>376</b>	<b>38</b>	<b>414</b>	<b>377</b>	<b>46</b>	<b>423</b>

\*YEAR ENDING JULY 7

NOTE - DATA FOR 1994/95 AND 1995/96 ARE NOT AVAILABLE

SOURCE - ETHIOPIAN SHIPPING LINES ENTERPRISE

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

SALARY GROUP IN BIRR	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	-	-	-	-	-	-
205-304	-	2	2	6	2	8
305-404	2	-	2	2	-	2
405-504	10	1	11	10	1	11
505-604	19	3	22	8	3	11
605-704	16	1	17	28	3	31
705-804	32	6	38	17	2	19
805-904	10	2	12	26	4	30
905-1004	22	6	28	18	6	24
1005-1104	23	6	29	11	5	16
1105-1204	21	1	22	22	9	31
1205-1304	54	5	59	35	1	36
1305 & ABOVE	167	5	172	194	10	204
<b>TOTAL</b>	<b>376</b>	<b>38</b>	<b>414</b>	<b>377</b>	<b>46</b>	<b>423</b>

\*YEAR ENDING JULY 7

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	
1993/94	12	76014	35568	88103
1994/95	13	87587	41747	101696
1995/96	12	82503	39029	95041
1996/97	12	82503	39029	95041
1997/98	11	81508	38731	94689

\*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	
1993/94	12	54000	245000	299000		159000	159000	458000
1994/95	13	49222	206964	256186	3512	155090	158602	414788
1995/96	12	42602	234251	276853	965	227269	228234	505067
1996/97	12	42803	212580	255383	453	211369	211822	467205
1997/98	11	36855	226297	263152	4990	127384	132374	395526

\*YEAR ENDING JULY 7

SOURCE :- ETHIOPIAN SHIPPING LINES ENTERPRISE

TABLE H5. FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES ENTERPRISE

IN '000 BIRR

YEAR*	REVENUE	EXPENDITURE
1993/94	277325	247844
1994/95	279971	248324
1995/96	320171	287319
1996/97	295291	285227
1997/98	259194	252895

\*YEAR ENDING JULY 7

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 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 947 in 1997/98 (see Table A1). As shown in Table A6, the Authority administered 30 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 25.5 and 29.3 million in 1996/97 and 1997/98 for the expansion of Addis Ababa airport, respectively.

As indicated in Table A5 in 1997/98 thirteen types of aircraft belonging to twelve airlines landed at Bole. The frequency of landing of the aircraft of these twelve airlines totaled to 60 per month. In 1995/96 the Authority collected Birr 26.9 million as service charges from the airlines. The frequency of landing showed a decline of 11.8 percent in 1997/98 compared to that of 1996/97.

As could be seen from the data in Table A7, number of scheduled international aircraft movements (landing and take-off) at Bole increased from 6,694 in 1993/94 to 7,745 in 1997/98, i.e. an increase of 15.7 percent. From Table A8 one can see that, the number of domestic passengers increased from 234,577 in 1996/97 to 291,501 in 1997/98, that is a rise of 24.3

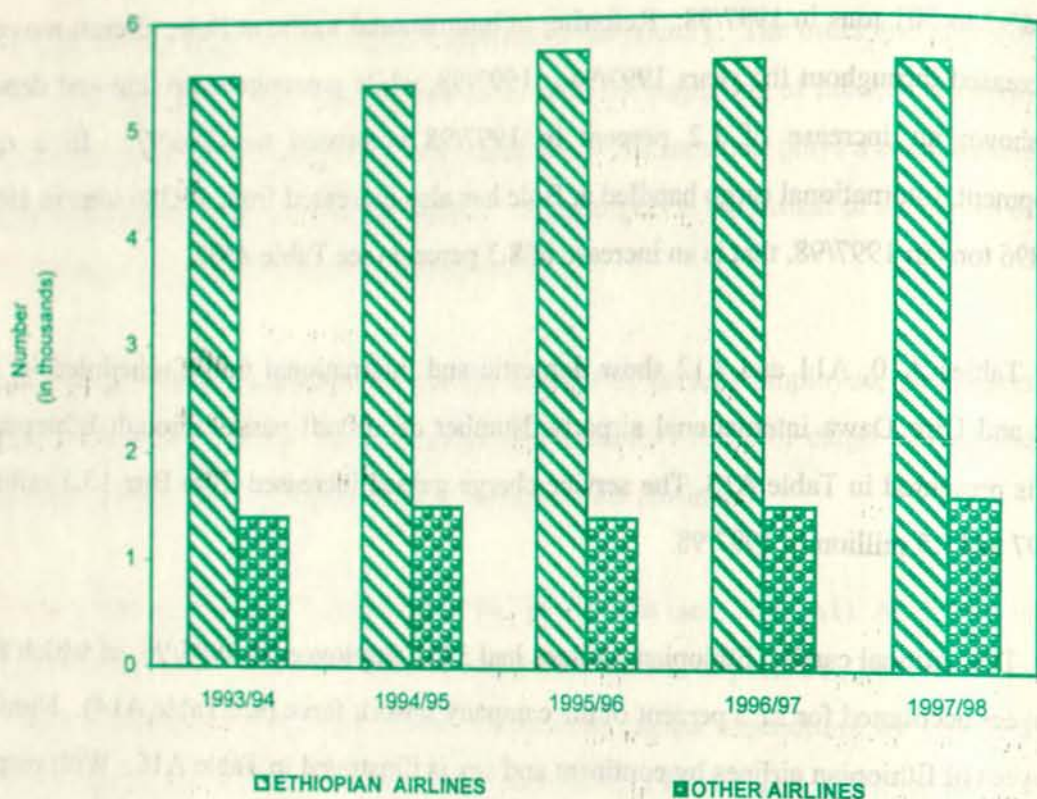
percent. Likewise domestic mail carried in 1997/98 also showed a rise of 9.6 percent as against its level a year before. On the contrary, domestic cargo decreased by 4.2 percent from 523 tons in 1996/97 to 501 tons in 1997/98. Referring to international traffic at Bole, aircraft movement has increased throughout the years 1993/94 – 1997/98, while passengers arriving and departing have shown an increase of 1.2 percent in 1997/98 compared to 1996/97. In a related development, international cargo handled at Bole has also increased from 30,386 tons in 1996/97 to 32,896 tons in 1997/98, that is an increase of 8.3 percent (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 increased from Birr 15.3 million in 1996/97 to 15.5 million in 1997/98.

The national carrier, Ethiopian Airlines had 3201 employees in 1995/96, of which female employees accounted for 21.5 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 1997/98 there were 3,566 employees of Ethiopian Airlines in Africa (including Ethiopia) while the comparative figure for Europe stands at 89. Table A18 deals with the number and type of aircraft of Ethiopian Airlines used for international and domestic services. In 1996/97 out of 23 aircraft, 22 of them were 2-engine types and 1 was 4-engine type. In 1997/98 the number of 4 engine type aircraft increased by 3 and the 2-engine type, decreased by one.

As shown in Table A22, Ethiopian Airlines has collected a revenue of Birr 1717 million in 1997/98 of which 1,181 million (68.8 percent) and 323 million (18.8 percent) were from passengers and freight, respectively. The expenditure of Ethiopian Airlines showed an upward trend during 1993/94 – 1997/98 (refer Table A23). Thus the expenditure of Ethiopian Airlines increased by 41.4 percent from Birr 1,181 million in 1993/94 to Birr 1,670 million in 1997/98. However, Ethiopian Airlines gained a profit of Birr 47 million in 1997/98.

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



DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT

FIG.7 - DOMESTIC PASSENGERS

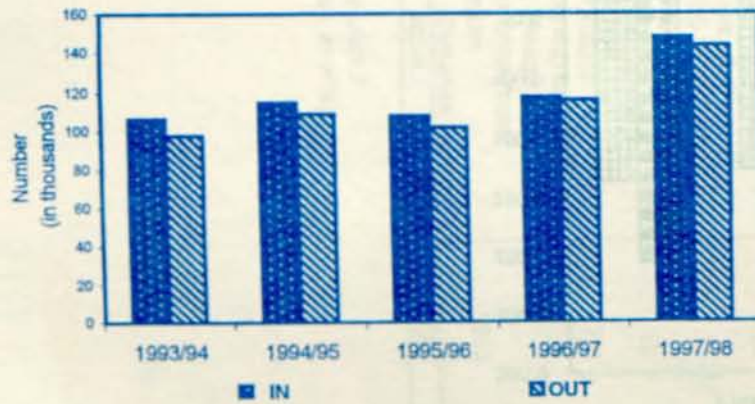


FIG.8 - DOMESTIC FREIGHT

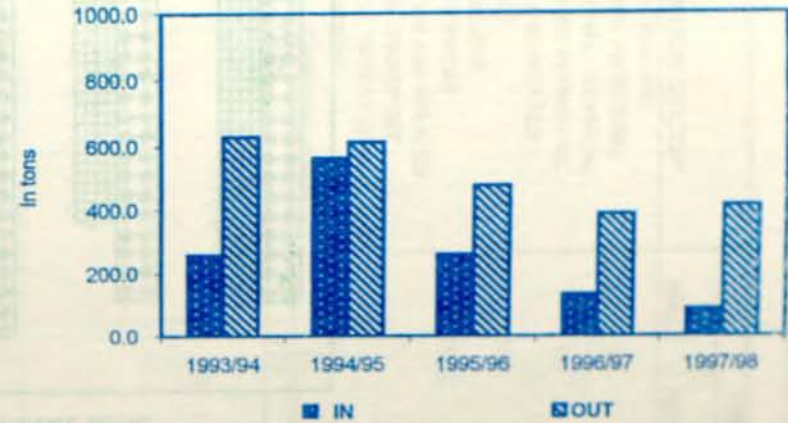
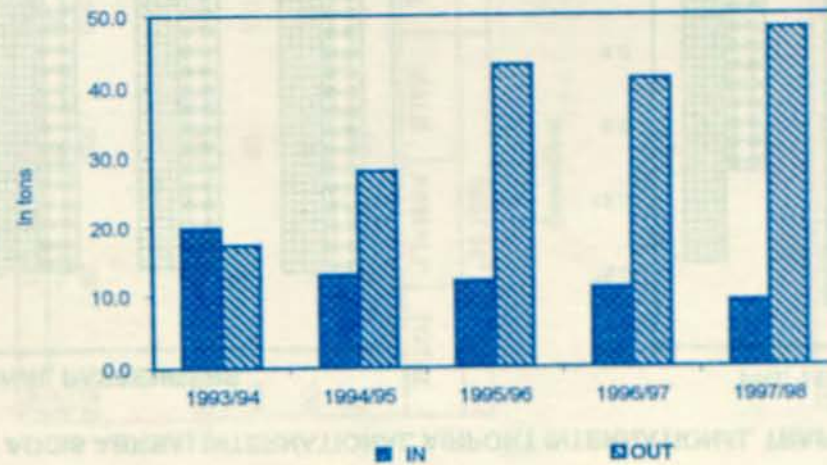


FIG. 9 - DOMESTIC MAIL



BOLE ( ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED

FIG. 10 - INTERNATIONAL PASSENGERS

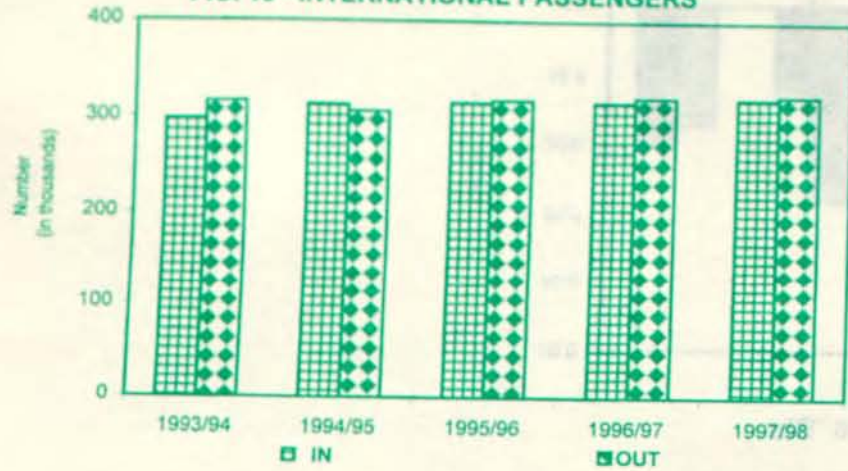


FIG. 11 - INTERNATIONAL FREIGHT

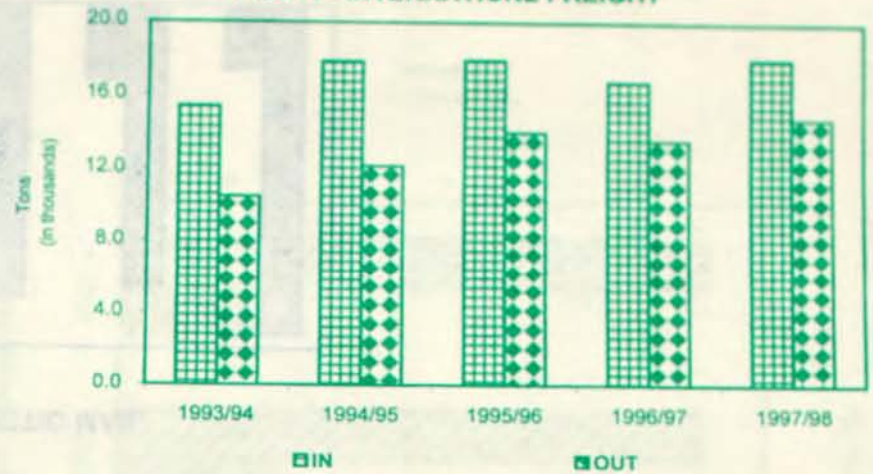
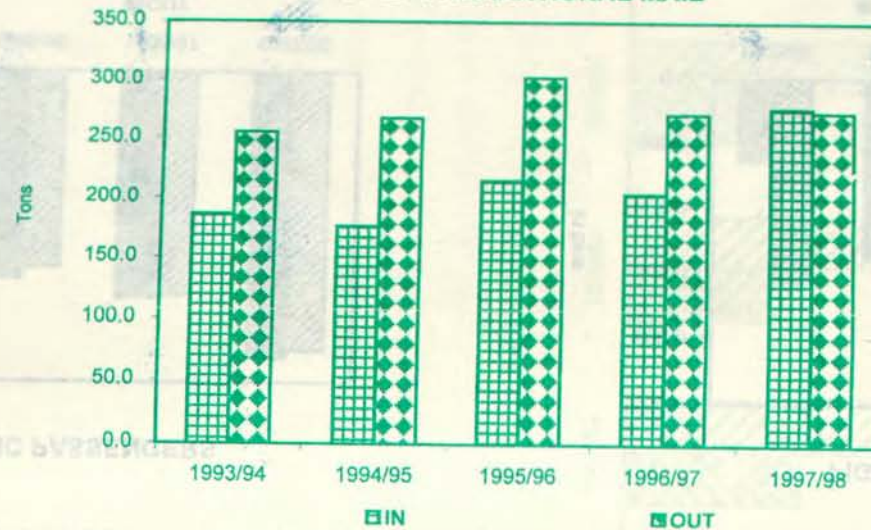


FIG. 12 - INTERNATIONAL MAIL



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

OCCUPATION GROUP	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	36	2	38	24	2	26
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	65	21	86	74	20	94
3. CLERICAL AND RELATED PERSONNEL	107	66	173	96	65	161
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	280	81	361	272	81	353
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	205	30	235	201	29	230
7. OTHERS (Carpenters, plumbers)	26	-	26	20	-	20
<b>TOTAL</b>	<b>719</b>	<b>200</b>	<b>919</b>	<b>687</b>	<b>197</b>	<b>884</b>

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

OCCUPATION GROUP	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	33	1	34	37	2	39
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	71	28	99	99	31	130
3. CLERICAL AND RELATED PERSONNEL	72	61	133	69	59	128
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	270	81	351	260	100	360
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	223	30	253	233	29	262
7. OTHERS (Carpenters, plumbers)	26	-	26	28	-	28
<b>TOTAL</b>	<b>695</b>	<b>201</b>	<b>896</b>	<b>726</b>	<b>221</b>	<b>947</b>

\*YEAR ENDING JULY 7

SOURCE :- CIVIL AVIATION AUTHORITY

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

REGIONAL STATE	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	21	6	27	24	8	32
AFAR	-	-	-	-	-	-
AMHARA	50	9	59	53	11	64
OROMIYA	26	3	29	26	5	31
SOMALIA	12	2	14	12	2	14
BENISHANGUL-GUMUZ	-	-	-	-	-	-
SNNP**	1	-	1	4	1	5
GAMBELLA	9	-	9	8	-	8
HARARI	-	-	-	-	-	-
ADDIS ABABA	493	168	661	487	178	665
DIRE DAWA	83	13	96	79	14	93
<b>TOTAL</b>	<b>695</b>	<b>201</b>	<b>896</b>	<b>693</b>	<b>219</b>	<b>912</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	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	45	20	65	8	12	20
205-304	92	19	111	54	19	73
305-404	98	22	120	55	11	66
405-504	43	12	55	56	25	81
505-604	122	51	173	114	45	159
605-704	85	22	107	126	26	152
705-804	45	21	66	63	25	88
805-904	45	12	57	51	22	73
905-1004	26	6	32	23	6	29
1005-1104	46	13	59	36	10	46
1105-1204	13	1	14	17	5	22
1205-1304	4	-	4	30	12	42
1305 & ABOVE	31	2	33	60	3	63
<b>TOTAL</b>	<b>695</b>	<b>201</b>	<b>896</b>	<b>693</b>	<b>221</b>	<b>914</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	
1993/94	ADDIS ABABA	8598.0	7714.0	-	16312.0
	DIRE DAWA	-	344.0	83.0	427.0
	OTHERS	21590.0	1192.0	14.0	22796.0
	TOTAL	30188.0	9250.0	97.0	39535.0
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	11039.2	-	25500.7	36539.9
	DIRE DAWA	3520.0	-	-	3520.0
	OTHERS	52138.0	932.2	1416.9	54487.1
	TOTAL	66697.2	932.2	26917.6	94547.0
1997/98	ADDIS ABABA	2970.1	-	29294.4	32264.5
	DIRE DAWA	1121.0	156.0	-	1277.0
	OTHERS	60868.4	291.4	181.7	61341.5
	TOTAL	64959.5	447.4	29476.1	94883.0

\*YEAR ENDING JULY 7

SOURCE :- CIVIL AVIATION AUTHORITY

TABLE A5 (CONT'D)

YEAR	PERIOD	AMOUNT	REGION	TYPE
1997/98	PER MONTH	MILLION BIRR	ADDIS ABABA	EXPANSION
			ADDIS ABABA	MAINTENANCE
			ADDIS ABABA	NEW
			ADDIS ABABA	TOTAL
			AMHARA	EXPANSION
			AMHARA	MAINTENANCE
			AMHARA	NEW
			AMHARA	TOTAL
			BENSHANGUL GUMUZ	EXPANSION
			BENSHANGUL GUMUZ	MAINTENANCE
			BENSHANGUL GUMUZ	NEW
			BENSHANGUL GUMUZ	TOTAL
			DIRAS	EXPANSION
			DIRAS	MAINTENANCE
			DIRAS	NEW
DIRAS	TOTAL			

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

SR.NO.	1995/96*			
	AIRLINES	AIRCRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN '000 BIRR
1	AEROFLOT	TU-154	2	123
2	EGYPT AIR	B737	8	330
3	ALYEMDA	-	-	-
4	CHINA	-	-	-
5	ETHIOPIAN AIRLINES	B767, B757, B707, B737, ATR42, DHC6, L100	-	22020
6	KENYA AIR WAYS	B737	8	308
7	LUFTHANSA	A300, A310, DC8F	16	2026
8	YEMEN AIR WAYS	B727	4	225
9	SUDAN AIR WAYS	-	-	-
10	SAUDIA	A300, DC8F	12	1032
11	GERMAN CARGO	-	-	-
12	PUNTA VIA (AIR DJIBOUTI)	B727	8	794
TOTAL			58	26858.0

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

SR.NO.	1996/97*			
	AIRLINES	AIRCRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AEROFLOT	TU154	4	...
2	ALITALIA	B767	8	...
3	ALYEMDA	-	-	...
4	CHINA	-	-	...
5	ETHIOPIAN AIRLINES	B707\B737\B757\B767\L100\FK50	-	...
6	EGYPT AIR	A300	8	...
7	KENYA AIR WAYS	B737	8	...
8	LUFTHANSA	A300\A310\B727	16	...
9	YEMEN AIR WAYS	B727	4	...
10	SUDAN AIR WAYS	-	-	...
11	SAUDIA	A300\DC8F	12	...
12	GERMAN CARGO	-	-	...
13	PUNTA VIA (AIR DJIBOUTI)	B727\YK42\AN24	8	...
TOTAL			68	...

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

SR.NO.	1997/98*			
	AIRLINES	AIRCRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AEROFLOT	TU154	4	...
2	ALITALIA	B767	8	...
3	ALYEMDA	-	-	...
4	CHINA	-	-	...
5	ETHIOPIAN AIRLINES	B707\B737\B757\B767\L100\FK50	-	...
6	EGYPT AIR	A300	8	...
7	KENYA AIR WAYS	B737	8	...
8	LUFTHANSA	A300\A310	12	...
9	YEMEN AIR WAYS	B727	4	...
10	SUDAN AIR WAYS	-	-	...
11	SAUDIA	A300	8	...
12	GERMAN CARGO	-	-	...
13	PUNTA VIA (AIR DJIBOUTI)	B727\TU154	8	...
TOTAL			60	...

\*YEAR ENDING JULY 7

NOTE- DATA ON SERVICE CHARGE FOR 1996/97 AND 1997/98 ARE NOT AVAILABLE

SOURCE- CIVIL AVIATION AUTHORITY

**TABLE A6. LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE OF AIRPORT 1997/98\***

SR.NO.	REGIONAL STATE	AIRPORT	TYPE	
1	ADDIS ABABA ADMINISTRATION	ADDIS ABABA	INTERNATIONAL	
2	AMHARA	BAHIR DAR	DOMESTIC	
3		DEBREMARKOS	"	
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		GOBA	"	
20		SOMALI	GODE	"
21		"	KELAFO	"
22	"	SHILABO	"	
23	SNNP	ARBA MINCH	"	
24		"	JINKA	"
25		"	MIZAN TEFERI	"
26		"	SODDO	"
27		"	TEPPI	"
28		"	TUM	"
29	TIGRAY	AXUM	"	
30		"	HUMERA	"
31		"	MEKELE	"
32		"	INDASELASSIE	"

\*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A7. INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS

1993/94\*

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)	3340	3354	6694	292	275	567	409	397	806	4041	4026	8067
YILMA ABA TENA DEJ.(DIRE DAWA)	376	380	756	91	100	191	33	29	62	500	509	1009
<b>TOTAL</b>	<b>3716</b>	<b>3734</b>	<b>7450</b>	<b>383</b>	<b>375</b>	<b>758</b>	<b>442</b>	<b>426</b>	<b>868</b>	<b>4541</b>	<b>4535</b>	<b>9076</b>

TABLE A7. (CONT'D) 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)	3876	3821	7697	652	623	1275	275	273	548	4803	4717	9520
YILMA ABA TENA DEJ (DIRE DAWA)	438	506	944	2	11	13	10	6	16	450	523	973
<b>TOTAL</b>	<b>4314</b>	<b>4327</b>	<b>8641</b>	<b>654</b>	<b>634</b>	<b>1288</b>	<b>285</b>	<b>279</b>	<b>564</b>	<b>5253</b>	<b>5240</b>	<b>10493</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)	3922	3823	7745	372	380	752	354	347	701	4648	4550	9198
YILMA ABA TENA DEJ (DIRE DAWA)	467	480	947	10	7	17	27	347	374	504	834	1338
<b>TOTAL</b>	<b>4389</b>	<b>4303</b>	<b>8692</b>	<b>382</b>	<b>387</b>	<b>769</b>	<b>381</b>	<b>694</b>	<b>1075</b>	<b>5152</b>	<b>5384</b>	<b>10536</b>

\*YEAR ENDING JULY 7

\*\*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
1993/94	5797	106701	97678	204379	259.1	629.5	888.6	19.7	17.3	37.0
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	7254	117992	116585	234577	135.0	388.0	523.0	11.0	41.0	52.0
1997/98	7984	148017	143484	291501	87.0	414.0	501.0	9.0	48.0	57.0

\*YEAR ENDING JULY 7

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
1993/94	6763	297176	316133	1707	615016	15408.0	10492.0	25900.0	186.0	255.0	441.0
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	7127	315625	320851	2460	638936	16825.0	13561.0	30386.0	204.0	271.0	475.0
1997/98	7163	319805	323035	3537	646377	18110.0	14786.0	32896.0	276.0	273.0	549.0

\*YEAR ENDING JULY 7

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
1993/94	5401	258781	268538	527319	11813	9949	21762	52	235	287
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	5632	263448	259701	523149	14042	12602	26644	41	254	295
1997/98	5607	259614	254880	514494	15199	13834	29033	93	236	329

TABLE A10. (CONT'D)

YEAR*	AIRCRAFT MOVEMENT	OTHER AIRLINES								
		PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1993/94	1362	38395	47595	85990	3595	542	4137	134	20	154
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	1495	52177	61150	113327	2782	959	3741	163	40	203
1997/98	1550	60191	68155	128346	2911	952	3863	183	37	220

\*YEAR ENDING JULY 7

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
1993/94	1242	41918	44064	85982	131.0	902.0	1033	0.1	2.5	2.6
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	1936	38249	39508	77757	-	360.0	360.0	-	10.0	10.0
1997/98	2226	40483	40617	81100	-	7.0	7.0	-	13.0	13.0

\*YEAR ENDING JULY 7

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
1993/94	775	4916	6008	10924	0.3	2900.0	2900.3	-	-	-
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	847	4044	4284	8328	55.0	3912.0	3967.0	-	9.0	9.0
1997/98	947	4872	4146	9018	84.0	3692.0	3776.0	-	-	0

\*YEAR ENDING JULY 7

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	...	...	...	...
<b>TOTAL</b>	<b>23726</b>	<b>13412</b>	<b>23094</b>	<b>14371</b>	<b>21759</b>	<b>15524</b>

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	...	...	...	...
<b>TOTAL</b>	<b>20408</b>	<b>15295</b>	<b>19645</b>	<b>15506</b>

\*YEAR ENDING JULY 7

NOTE-- DATA FOR 1994/95 , 1995/96 1996/97 AND 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	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	45	4	49	59	8	67
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	928	26	954	977	26	1003
3. CLERICAL AND RELATED PERSONNEL	72	87	159	86	66	152
4. SALES WORKERS	502	193	695	502	169	671
5. SERVICE WORKERS	107	293	400	70	319	389
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	256	17	273	331	4	335
7. OTHERS	600	123	723	488	96	584
<b>TOTAL</b>	<b>2510</b>	<b>743</b>	<b>3253</b>	<b>2513</b>	<b>688</b>	<b>3201</b>

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

OCCUPATION GROUP	1996/97*			1997/98*		
	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>3507</b>	...	...	<b>3747</b>

\*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		
1993/94	2205	604	2809	16	-	16	2825	
1994/95	2005	645	2650	200	-	200	2850	
1995/96	2276	639	2915	27	-	27	2942	
1996/97	2449	637	3086	2	0	2	3088	
1997/98	2633	678	3311	2	0	2	3313	

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

YEAR*	ABROAD							TOTAL	GRAND TOTAL
	ETHIOPIANS			FOREIGNERS					
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL			
1993/94	100	24	124	210	107	317	441	3266	
1994/95	102	16	118	203	82	285	403	3253	
1995/96	105	21	126	105	28	133	259	3201	
1996/97	91	27	118	192	109	301	419	3507	
1997/98	89	29	118	197	119	316	434	3747	

\*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN AIRLINES

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

CONTINENT	1993/94*			1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2399 (2221)	671 (610)	3070 (2825)	2372 (2210)	691 (622)	3063 (2832)	2337 (2200)	682 (616)	3019 (2816)
NORTH AND SOUTH AMERICA	8	8	16	9	7	16	6	8	14
ASIA AND MIDDLE EAST	58	17	75	62	17	79	59	19	78
EUROPE	66	39	105	57	38	95	53	37	90
GRAND TOTAL	2531	735	3266	2500	753	3253	2455	746	3201

TABLE A16. (CONT'D)

CONTINENT	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2619	710	3329	2805	761	3566
NORTH AND SOUTH AMERICA	5	5	10	5	5	10
ASIA AND MIDDLE EAST	59	18	77	62	20	82
EUROPE	53	40	93	49	40	89
GRAND TOTAL	2736	773	3509	2921	826	3747

\*YEAR ENDING JULY 7

NOTE:- DATA FOR 1992/93 IS NOT AVAILABLE

\*\*INCLUDING ETHIOPIA

SOURCE:- ETHIOPIAN AIRLINES

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

SALARY GROUP IN BIRR	1995/96*			1996/97*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	2	-	2	-	-	-
205-304	120	116	236	234	13	247
305-404	137	22	159	130	14	144
405-504	211	30	241	169	58	227
505-604	157	47	204	272	84	356
605-704	157	52	209	107	45	152
705-804	802	29	831	116	41	157
805-904	133	82	215	138	86	224
905-1004	113	84	197	165	79	244
1005-1104	190	44	234	91	46	137
1105-1204	66	23	89	60	17	77
1205-1304	119	52	171	104	57	161
1305 & ABOVE	306	107	413	1150	233	1383
<b>TOTAL</b>	<b>2513</b>	<b>688</b>	<b>3201</b>	<b>2736</b>	<b>773</b>	<b>3509</b>

\*YEAR ENDING JULY 7  
SOURCE:- ETHIOPIAN AIRLINES

**TABLE A18. NUMBER AND TYPE OF AIRCRAFT OF ETHIOPIAN AIRLINES USED  
FOR INTERNATIONAL AND DOMESTIC SERVICES**

CATEGORY	TYPE OF AIRCRAF	1996/97			1997/98		
		ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL
4 ENGINES	DOUGLAS DC-6A/B	-	-	-	4	-	4
	DC-6B	-	-	-	-	-	-
	INTERNATIONAL B707-3	1	-	1	-	-	-
	STRATOLINER 720-B	-	-	-	-	-	-
	<b>TOTAL</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>4</b>	<b>-</b>	<b>4</b>
TRI ENGINES	BOEING 727-200	-	-	-	-	-	-
2 ENGINES	BOEING 757-200	5	-	5	4	-	4
	BOEING 737-200	1	-	1	1	-	1
	BOEING 767-260	2	-	2	2	-	2
	LOCKHEED-L-100-30	2	-	2	2	-	2
	DOUGLAS DC-3/C-47	-	-	-	-	-	-
	LIGHT AIRCRAFT	-	-	-	-	-	-
	F27-MK050	5	-	5	5	-	5
	ATR-42	2	-	2	2	-	2
	DASH-5	1	-	1	1	-	1
	DASH-6	4	-	4	4	-	4
	<b>TOTAL</b>	<b>22</b>	<b>-</b>	<b>22</b>	<b>21</b>	<b>-</b>	<b>21</b>
	<b>GRAND TOTAL</b>	<b>23</b>	<b>-</b>	<b>23</b>	<b>25</b>	<b>-</b>	<b>25</b>

\*YEAR ENDING JULY 7  
NOTE:- DATA FOR 1992/93, 1993/94, 1994/95 AND 1995/96 ARE NOT AVAILABLE  
SOURCE:- ETHIOPIAN AIRLINES

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

1995/96\*

FROM \ TO	ADD	DIR	JIM	OTHERS	TOTAL
ADD	-	16617	2527	63276	82420
DIR	17109	-	-	3786	20895
JIM	2420	-	-	643	3063
OTHERS	68550	4136	1035	38646	112367
TOTAL	88079	20753	3562	106351	218745

TABLE A19. (CONT'D) 1996/97\*

FROM \ TO	ADD	DIR	JIM	OTHERS	TOTAL
ADD	-	-	-	-	-
DIR	-	-	-	-	-
JIM	-	-	-	-	-
OTHERS	-	-	-	-	-
TOTAL	-	-	-	-	321351

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

FROM \ TO	ADD	DIR	JIM	OTHERS	TOTAL
ADD	-	-	-	-	-
DIR	-	-	-	-	-
JIM	-	-	-	-	-
OTHERS	-	-	-	-	-
TOTAL	-	-	-	-	324855

\*YEAR ENDING JUNE 30

N.B. ADD= ADDIS ABABA

DIR= DIRE DAWA

JIM= JIMA

SOURCE- ETHIOPIAN AIRLINES

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

1995/96\*

FROM \ TO	ADD	DIR	JIM	OTHERS	TOTAL
ADD	-	96.1	5.4	67.2	168.7
DIR	168.1	-	-	64.3	232.4
JIM	3.7	-	-	17.4	21.1
OTHERS	37.9	6.6	0.3	3.4	48.2
TOTAL	209.7	102.7	5.7	152.3	470.4

TABLE A20. (CONT'D) 1996/97\*

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

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

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

\*YEAR ENDING JUNE 30  
SOURCE:- ETHIOPIAN AIRLINES

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

1995/96\*

FROM \ TO	ADD	DIR	JIM	OTHERS	TOTAL
ADD	-	6330	97	14558	20985
DIR	5732	-	-	1157	6889
JIM	218	-	-	107	325
OTHERS	6211	114	41	546	6912
TOTAL	12161	6444	138	16368	35111

TABLE A21. (CONT'D) 1996/97\*

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

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

FROM \ TO	ADD	DIR	JIM	OTHERS	TOTAL
ADD	-	9420	216	16560	26196
DIR	10958	-	-	1500	12458
JIM	278	-	-	37	315
OTHERS	6251	118	14	1615	7998
TOTAL	17487	9538	230	19712	46967

\*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

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

SOURCE	IN MILLION BIRR				
	YEAR*				
	1993/94	1994/95	1995/96	1996/97	1997/98
PASSENGERS	909	1148	1187	1166	1181
FREIGHT	211	281	268	307	323
CHARTER	47	66	63	44	46
MAIL	7	8	7	-	-
EXCESS BAGGAGE	29	35	34	40	34
COMMISSION	12	15	17	15	15
MISCELLANEOUS SERVICES	49	63	60	85	118
<b>TOTAL</b>	<b>1264</b>	<b>1616</b>	<b>1636</b>	<b>1657</b>	<b>1717</b>

\*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

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

PURPOSE	IN MILLION BIRR				
	YEAR*				
	1993/94	1994/95	1995/96	1996/97	1997/98
SALARIES AND PENSION	87	102	114	116	118
TRAVEL EXPENSES	6	6	7	61	63
AVIATION GAS OIL	183	223	246	304	286
AIRCRAFT MATERIAL	22	18	38	42	39
HANDLING FEES OF					
AIRCRAFT AND LANDING	150	170	208	221	242
COMMISSION EXPENSES	194	193	188	160	56
ADVERTISING AND PUBLICITY	6	7	9	11	20
INSURANCE	62	71	64	61	51
DEPRECIATION	178	189	193	201	232
INTEREST EXPENSES-NET	71	129	128	103	85
SERVICE AND MISCELLANEOUS					
EXPENSES	232	44	44	436	501
OTHER EXPENSES	...	342	382	(135)	(20)
OTHER NON-OPERATING ITEMS	(10)	(63)	(19)	52	(3)
<b>TOTAL</b>	<b>1181</b>	<b>1431</b>	<b>1602</b>	<b>1633</b>	<b>1670</b>

\*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

TABLE A24. ETHIOPIAN AIRLINES OPERATION STATISTICS

ITEM	YEAR*				
	1993/94	1994/95	1995/96	1996/97	1997/98
AVERAGE-Km PER PASSENGER					
INTERNATIONAL	3430.4	3438	3689	4175	3739
DOMESTIC	457.8	426	421	340	438
AVERAGE	2262	2297	2516	2540	2411
REVENUE PASSENGER Km ('000)					
INTERNATIONAL	1503123	1600561	1727281	1805826	1804496
DOMESTIC	129893	120947	110400	109345	142296
TOTAL	1633016	1721508	1837681	1915171	1946792
REVENUE FREIGHT CARRIED (TONS)					
INTERNATIONAL	26776	32401	31017	32882	35391
DOMESTIC	1568	1573	791	823	710
TOTAL	28344	33974	31808	33705	36101
REVENUE TON-Km ('000)					
INTERNATIONAL	102831	306681	295870	316703	332872
DOMESTIC	1028	13639	11287	11082	15602
TOTAL	103859	320320	307157	327785	348474
REVENUE PLANE-Km('000)	619879	25696581	26714513	28249	29439
PAYLOAD FACTOR (%)	45	48.4	45.2	48.66	49.42

\*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

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

AIRPORTS	BOLE	YILMA ABATENA DEJ. (DIRE DAWA)	JIMMA
BOLE	-	344	262
YILMA ABATENA DEJ. (DIRE DAWA)	344	-	607
JIMA	262	607	-

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, number of employees by Region and sex, number of employees by salary group and sex, number of post offices by Region, number of mail and post boxes by Region, number of mails handled 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 the years 1993/94 - 1997/98 (see Table P1). The number of employees in 1997/98 decreased by 8.9 percent as compared to that of 1993/94. Table P2 shows the number of employees of Postal Service Authority by Region and sex. More than half of the employees of the Authority were in Addis Ababa in 1994/95-1995/96, followed by Oromiya Region which had 17.7 and 16.5 percent of the total employees in 1994/95 and 1995/96, respectively. Number of employees of Postal Service Authority by salary group and sex is shown in Table P3. As indicated in this table the majority of the employees are classified in salary groups ranging from Birr 305 up to 804 in all the years under review.

Number of post offices by Region is presented in Table P4. More than 40 percent of the total number of post offices were in Oromiya Region throughout the period

1995/96 to 1997/98, followed by Amhara Region, which had about 25 percent of the total post offices in the same years.

Table P5 shows the number of mail and post boxes by Region. The number of post boxes were increased by 28.0 and 1.8 percent in 1997/98 compared to the post boxes in 1995/96 and 1996/97, respectively.

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 24,664.1 thousand in 1996/97 to 25,083.1 thousand in 1997/98 i.e. an increase of 1.7 percent. On the other hand the expenditure decreased from Birr 19,543.1 thousands in 1996/97 to 17,341.7 thousand in 1997/98 or a decline of 11.3 percent.

FIG. 13 - NUMBER OF POST OFFICES AND EMPLOYEES  
IN ETHIOPIA

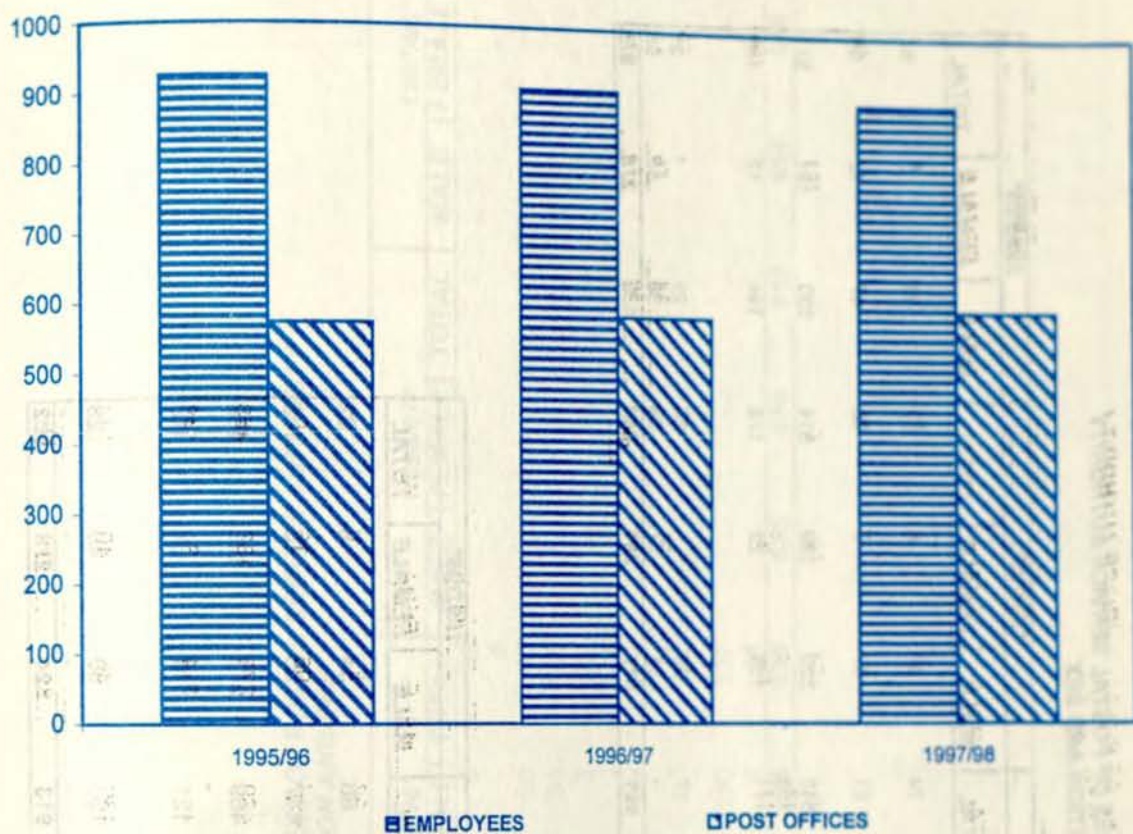


TABLE P1. NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY  
BY OCCUPATION AND SEX

OCCUPATION GROUP	1993/94*			1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	67	7	74	93	4	97	62	5	67
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	45	16	61	37	9	46	47	12	59
3. CLERICAL AND RELATED PERSONNEL	379	161	540	325	189	514	330	191	521
4. SALES WORKERS	103	35	138	-	-	-	-	-	-
5. SERVICE WORKERS	47	64	111	156	22	178	144	12	156
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	66	1	67	35	-	35	29	-	29
7. OTHERS	-	-	-	31	57	88	38	55	93
<b>TOTAL</b>	<b>707</b>	<b>284</b>	<b>991</b>	<b>677</b>	<b>281</b>	<b>958</b>	<b>650</b>	<b>275</b>	<b>925</b>

TABLE P1. (CONT'D)

OCCUPATION GROUP	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	58	8	66	54	8	62
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	103	14	117	95	13	108
3. CLERICAL AND RELATED PERSONNEL	283	186	469	275	183	458
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	101	30	131	114	34	148
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	90	40	130	86	40	126
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>635</b>	<b>278</b>	<b>913</b>	<b>624</b>	<b>278</b>	<b>902</b>

\*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

REGIONAL STATE	1994/95*			1995/96*			1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	28	4	32	27	6	33	...	...	...	...	...	...
AFFAR	3	-	3	3	-	3	...	...	...	...	...	...
AMHARA	78	17	95	72	20	92	...	...	...	...	...	...
OROMIYA	133	37	170	119	34	153	...	...	...	...	...	...
SOMALIA	7	3	10	7	3	10	...	...	...	...	...	...
BENISHANGUL-GUMUZ	4	-	4	4	-	4	...	...	...	...	...	...
SNNP	41	12	53	38	13	51	...	...	...	...	...	...
GAMBELA	2	-	2	1	-	1	...	...	...	...	...	...
HARARI	7	2	9	7	-	7	...	...	...	...	...	...
ADDIS ABABA	350	197	547	347	190	537	...	...	...	...	...	...
DIRE DAWA	24	9	33	25	9	34	...	...	...	...	...	...
<b>TOTAL</b>	<b>677</b>	<b>281</b>	<b>958</b>	<b>650</b>	<b>275</b>	<b>925</b>	<b>635</b>	<b>278</b>	<b>913</b>	<b>624</b>	<b>278</b>	<b>902</b>

\*YEAR ENDING JULY 7

NOTE: DATA FOR 1996/97 AND 1997/98 BY ADMINISTRATIVE REGION  
AND SEX BREAKDOWN IS NOT AVAILABLE

SOURCE:- POSTAL SERVICE AUTHORITY

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

SALARY GROUP IN BIRR	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	31	17	48	26	13	39
204-304	101	34	135	66	19	85
305-404	160	89	249	134	70	204
405-504	110	79	189	133	67	200
505-604	114	40	154	101	61	162
605-704	79	14	93	77	24	101
705-804	39	3	42	45	12	57
805-904	29	4	33	50	5	55
905-1004	12	1	13	1	1	2
1005-1104	2	-	2	16	3	19
1105-1204	-	-	-	1	-	1
1205-1304	-	-	-	-	-	-
1305 & ABOVE	-	-	-	-	-	-
<b>TOTAL</b>	<b>677</b>	<b>281</b>	<b>958</b>	<b>650</b>	<b>275</b>	<b>925</b>

TABLE P3. (CONT'D)

SALARY GROUP IN BIRR	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	22	6	28	10	7	17
204-304	43	18	61	57	24	81
305-404	80	28	108	55	20	75
405-504	127	62	189	129	62	191
505-604	84	62	146	71	37	108
605-704	85	47	132	85	61	146
705-804	72	29	101	76	39	115
805-904	49	11	60	54	12	66
905-1004	34	7	41	33	10	43
1005-1104	30	4	34	33	3	36
1105-1204	9	3	12	0	0	0
1205-1304	1	-	1	1	0	1
1305 & ABOVE	-	-	-	20	3	23
<b>TOTAL</b>	<b>636</b>	<b>277</b>	<b>913</b>	<b>624</b>	<b>278</b>	<b>902</b>

\*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

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

REGIONAL STATE	NUMBER OF POST OFFICES		
	1995/96*	1996/97*	1997/98*
TIGRAY	33	37	38
AFFAR	10	10	10
AMHARA	146	152	152
OROMIYA	242	243	248
SOMALI	12	17	17
BENISHANGUL-GUMUZ	4	3	3
SNNP	68	66	67
GAMBELLA	8	9	9
HARARI	1	1	3
ADDIS ABABA	41	44	48
DIRE DAWA	9	5	5
<b>TOTAL</b>	<b>574</b>	<b>587</b>	<b>600</b>

\*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

REGIONAL STATE	1995/96*		1996/97*		1997/98*	
	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES
TIGRAY	36	1940	15	5022	...	5022
AFFAR	4	180	4	250	...	250
AMHARA	86	4980	93	6720	...	6760
OROMIYA	149	12270	196	13432	...	13802
SOMALIA	6	372	6	372	...	372
BENISHANGUL-GUMUZ	2	170	2	240	...	240
SNNP	31	3580	34	4930	...	5010
GAMBELLA	2	190	2	190	...	190
HARARI	10	1000	10	1150	...	1300
ADDIS ABABA	23	43347	32	51980	...	52930
DIRE DAWA	14	1458	14	3100	...	3100
<b>TOTAL</b>	<b>363</b>	<b>69487</b>	<b>408</b>	<b>87386</b>	...	<b>88976</b>

\*YEAR ENDING JULY 7

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

SOURCE:- POSTAL SERVICE AUTHORITY

REGIONAL STATE	1995/96*	1996/97*	1997/98*
TIGRAY	36	1940	15
AFFAR	4	180	4
AMHARA	86	4980	93
OROMIYA	149	12270	196
SOMALIA	6	372	6
BENISHANGUL-GUMUZ	2	170	2
SNNP	31	3580	34
GAMBELLA	2	190	2
HARARI	10	1000	10
ADDIS ABABA	23	43347	32
DIRE DAWA	14	1458	14
<b>TOTAL</b>	<b>363</b>	<b>69487</b>	<b>408</b>

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

MAIL TRAFFIC	NUMBER OF MAILS				
	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
DOMESTIC MAIL					
LETTERS	16634700	16718600	17473200	16787000	12459900
PARCELS	6000	6800	6700	4800	5300
TOTAL	16640700	16725400	17479900	16791800	12465200
INTERNATIONAL MAIL					
I. INCOMING					
INTERNATIONAL					
LETTERS	7163700	7241500	7965600	6309300	7116900
PARCELS	30000	27300	33300	20200	25300
TOTAL	7193700	7268800	7998900	6329500	7142200
II. OUTGOING					
INTERNATIONAL					
LETTERS	5121800	5386000	7071900	5781700	6450100
PARCELS	2000	1800	1900	1300	600
TOTAL	5123800	5387800	7073800	5783000	6450700
<b>GRAND TOTAL</b>	<b>28958200</b>	<b>29382000</b>	<b>32552600</b>	<b>28904300</b>	<b>26058100</b>

\*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

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

IN '000 BIRR

SOURCE	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
SALES OF POSTAGE STAMPS	6890.1	8426.3	9343	6555.6	6655.7
INCOME FROM INTERNATIONAL MAIL	5744.9	5639.8	5468.6	8526.3	7486.3
PARCEL POST RECEIPTS	543.6	539.6	613.1	470.4	367.6
POST BOX RENTALS AND KEY SALES	848.6	915.5	1386.7	2877.9	3465.6
POSTAGE METER MACHINE	1181.5	1406.7	1458.5	1239.2	1886.5
MONEY AND POSTAL ORDER COMMISSION	70.2	94.4	97.3	106.7	112.1
NEWS PAPER COMMISSION	361.4	65.8	19.1		
MISCELLANEOUS REVENUE	599.9	2044.8	272.5	4888.0	5109.4
<b>TOTAL</b>	<b>16240.2</b>	<b>19132.9</b>	<b>18658.8</b>	<b>24664.1</b>	<b>25083.1</b>

\*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

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

IN '000 BIRR

PURPOSE	1993/94*	1994/95*	1995/96*	1996/97*	1997/98*
SALARIES AND WAGES	5396.4	5814.8	6322.7	6978.0	7377.8
CONVEYANCE OF MAIL	3685.1	4142.1	1908.1	1657.9	1984.6
DEPRECIATION	517.4	574.7	950	1035.2	800.0
PRINTING OF POSTAGE STAMPS	559.7	321.5	203.6	1035.2	649.6
STORED ITEMS CONSUMED	101.2	274.3	254.9	0.0	0.0
MISCELLANEOUS EXPENDITURE	4026.2	3906.6	2727.2	8836.8	6529.8
<b>TOTAL</b>	<b>14286.0</b>	<b>15034.0</b>	<b>12366.5</b>	<b>19543.1</b>	<b>17341.7</b>

\*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

## 2.2. TELECOMMUNICATIONS STATISTICS

Telecommunications play a major role in exchange of views and information among various sectors of socio-cultural and economic groups of societies. The Ethiopian telecommunication Authority has been expanding its network within the country and to the rest of the world. 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 Telecommunications 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 operation 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 3 percent in 1997/98 compared to the previous year. The majority of the employees were working in Addis Ababa, followed by Oromiya Region in the period shown in Table T2.

As indicated in Table T3, 19.9 percent of the employees were classified in salary groups of Birr 505-604 in 1996/97 and 17.6 percent of them were in salary group of Birr 605-704 in 1997/98. 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 94,806 in 1995/96 to 95,784 in 1996/97. The number of apparatus in Addis Ababa also

showed an increase of 0.84 percent in the same year. The least number of lines and apparatus were installed in Ayisaita throughout the period 1994/95 to 1996/97.

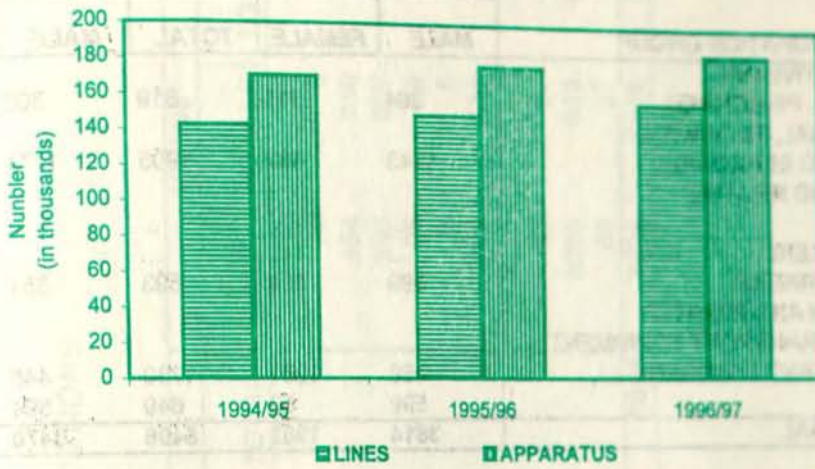
As shown in Table T5, the increase in public telephones (coin box telephones) is insignificant throughout the period under review. More than 80 percent of coin box telephones were found in Addis Ababa in the same period. Table T6 gives a brief information about inter-urban telephone calls among the various 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 subscribes increased from 1,338 in 1997 to 1,714 in 1997/98, which showed an increase of 28.1 percent.

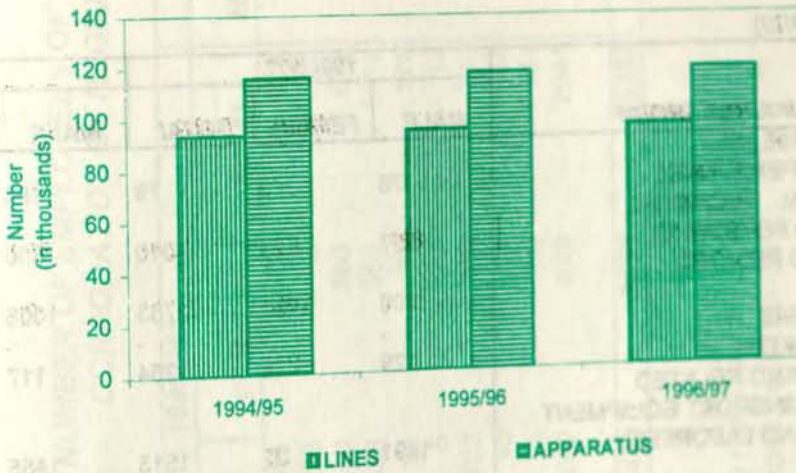
The revenue of Telecommunication Corporation has been growing. As shown in Table T8 the revenue in 1996/97 was Birr 567.1 million and this was raised to Birr 598.6 million in 1997/98. The expenditure of the corporation was also increasing except in the year 1994/95 (see Table T9). The revenue and expenditure of the corporation in 1996/97 were Birr 567.1 and 179.9 million, respectively. The corporation gained a profit of Birr 387.2 million in the same year.

**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	1994/95*			1995/96*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	304	315	619	306	315	621
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	1743	162	1905	1774	171	1945
3. CLERICAL AND RELATED PERSONNEL	...	...	...	...	...	...
4. SALES WORKERS	...	...	...	...	...	...
5. SERVICE WORKERS	399	194	593	351	193	544
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	469	1261	1730	445	1260	1705
7. OTHERS	599	50	649	594	54	648
<b>TOTAL</b>	<b>3514</b>	<b>1982</b>	<b>5496</b>	<b>3470</b>	<b>1993</b>	<b>5463</b>

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

OCCUPATION GROUP	1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	76	3	79	194	10	204
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	887	123	1010	850	129	979
3. CLERICAL AND RELATED PERSONNEL	999	1764	2763	1008	1863	2871
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	129	125	254	117	124	241
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1491	22	1513	1455	22	1477
7. OTHERS	-	-	-	-	-	-
<b>TOTAL</b>	<b>3582</b>	<b>2037</b>	<b>5619</b>	<b>3624</b>	<b>2148</b>	<b>5772</b>

\*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN TELECOMMUNICATIONS CORPORATION

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

REGIONAL STATE	1995/96*			1996/97*			1997/98*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
TIGRAY	145	71	216	...	...	...	218	109	327
AFFAR	28	3	31	...	...	...	30	6	36
AMHARA	410	260	670	...	...	...	434	310	744
OROMIYA	558	559	1117	...	...	...	591	597	1188
SOMALIA	95	81	176	...	...	...	28	29	57
BENISHANGUL-GUMUZ	5	7	12	...	...	...	8	5	13
SNNP	103	129	232	...	...	...	103	138	241
GAMBELLA	10	4	14	...	...	...	17	1	18
HARARI	24	30	54	...	...	...	42	53	95
ADDIS ABABA	2092	849	2941	...	...	...	2064	843	2907
DIRE DAWA	-	-	-	...	...	...	89	57	146
<b>TOTAL</b>	<b>3470</b>	<b>1993</b>	<b>5463</b>	<b>3582</b>	<b>2037</b>	<b>5619</b>	<b>3624</b>	<b>2148</b>	<b>5772</b>

\*YEAR ENDING JULY 7

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

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*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	271	129	400	21	5	26
204-304	97	119	216	285	233	518
305-404	113	40	153	161	137	298
405-504	369	215	584	185	82	267
505-604	637	481	1118	488	345	833
605-704	614	282	896	637	381	1018
705-804	461	215	676	508	256	764
805-904	339	221	560	405	198	603
905-1004	156	90	246	268	190	458
1005-1104	157	159	316	110	124	234
1105-1204	115	62	177	139	115	254
1205-1304	123	14	137	79	44	123
1305 & ABOVE	130	10	140	339	38	377
<b>TOTAL</b>	<b>3582</b>	<b>2037</b>	<b>5619</b>	<b>3625</b>	<b>2148</b>	<b>5773</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

**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
1994/95	1873	1941	751	755	125	126	249	353
1995/96	2775	2843	1904	1908	133	134	250	354
1996/97	3702	3770	3749	3753	130	132	242	588

**TABLE T4. (CONT'D)**

YEAR*	AMHARA				OROMIYA	
	BAHIR DAR		OTHER TOWNS		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1994/95	1550	1783	9566	10430	21594	23897
1995/96	1746	2083	10002	10871	22702	25070
1996/97	1981	2358	10893	11839	23918	26292

**TABLE T4. (CONT'D)**

YEAR*	SOMALI				BENISHANGUL-GUMUZ			
	JIGIGA		OTHER TOWNS		ASSOSA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1994/95	459	470	-	-	201	201	-	-
1995/96	508	519	-	-	203	203	-	-
1996/97	559	570	-	-	213	213	-	-

TABLE T4. (CONT'D)

YEAR*	SNNP**				GAMBELLA			
	AWASSA		OTHER TOWNS		GAMBELLA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1994/95	1396	2219	3808	4074	185	187	-	-
1995/96	1577	2402	4359	4651	190	192	-	-
1996/97	1839	2669	5124	5416	187	189	-	-

TABLE T4. (CONT'D)

YEAR*	HARARI				ADDIS ABABA			
	HARAR		OTHER TOWNS		ADDIS ABABA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1994/95	1861	2093	-	-	93581	115862	1392	1473
1995/96	2124	2358	-	-	94806	117094	1548	1629
1996/97	2420	2656	-	-	95784	118081	1815	1897

TABLE T4. (CONT'D)

YEAR*	DIRE DAWA				TOTAL	
	DIRE DAWA		OTHER TOWNS		LINE	APPARATUS
	LINE	APPARATUS	LINE	APPARATUS		
1994/95	3880	4375	-	-	142471	170239
1995/96	3910	4413	-	-	148737	176724
1996/97	3971	4519	11	11	156538	184953

\*YEAR ENDING JULY 7

\*\*SOUTHERN NATIONS NATIONALITIES AND PEOPLES' REGION  
SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

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

URBAN AREAS	NUMBER			
	YEAR*			
	1993/94	1994/95	1995/96	1996/97
ADDIS ABABA	766	766	770	770
AWASSA	12	12	12	12
BAHIR DAR	12	12	12	12
DESSIE	21	21	20	20
DIRE DAWA	37	38	38	37
GONDER	9	9	9	9
HARER	11	11	12	12
JIMA	32	32	32	32
MEKELE	4	4	3	5
NAZARETH	32	31	31	31
SHASHEMENE	11	11	11	11
OTHERS	-	-	-	-
<b>TOTAL</b>	<b>947</b>	<b>947</b>	<b>950</b>	<b>951</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

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

1994/95\*

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

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

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

\*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN TELECOMMUNICATIONS CORPORATION

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

TO FROM	ADDIS ABABA	ARBA MINCH	ASELA	AWASSA	DEBRE MARKOS	DESSIE
ADDIS ABABA	-	-	-	-	-	-
ARBA MINCH	21585	-	-	-	-	-
ASELA	1375	5	406	2662	373	430
AWASSA	28362	505	278	35	6	10
DEBRE MARKOS	25595	145	91	216	72	129
DESSIE	21657	223	219	246	-	371
GOBA	20207	232	894	1225	327	-
GONDER	25556	73	81	159	146	388
HARAR	47363	141	559	480	773	521
JIMA	48545	731	844	1212	262	425
MEKELE	20816	167	58	438	666	843
METU	17633	33	190	147	271	1314
NEKEMTE	15922	146	249	141	122	143
					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
ASELA	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	865
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	ASELA	AWASSA	DEBRE MARKOS	DESE
ADDIS ABABA	-	-	-	-	-	-
ARBA MINCH	18889	-	190	2703	312	368
ASELA	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	-

TABLE T7. NUMBER OF INTERNET SUBSCRIBERS BY TYPE

YEAR	PRIVATE	GOVERNMENT	COMPANIES	TOTAL
1997	781	152	405	1338
1997/98	-	-	-	1714

SOURCE - ETHIOPIAN TELECOMMUNICATIONS CORPORATION (ETC)

NOTE - ETC HAS STARTED TO RENDER THE INTERNET SERVICE SINCE JANUARY 1997 AND THE FIGURE INDICATED IS AS OF AUGUST 1997

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

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

SOURCE	IN '000 BIRR				
	YEAR*				
	1993/94	1994/95	1995/96	1996/97**	1997/98***
URBAN TELEPHONE	88268.3	129245.7	143959.2	158578.7	180035.3
INITIAL SUBSCRIPTION	4305.4	5314.4	11509.3	10856.0	12476.1
RENT	17227.6	29256.6	31939.4	35388.2	38142.8
MOVES AND CHANGES	921.6	718.3	1049.8	3946.5	4149.2
URBAN CALLS	65813.7	93956.4	99460.7	108388.1	125267.3
INTER-URBAN CALLS	182959.6	294353.3	330456.5	367258.1	377827.8
INLAND CALLS	14638.5	16430.8	18706	20490.4	25108.5
INTERNATIONAL CALLS	167438.3	276808.9	310570.8	343083.3	348752.7
RURAL RADIO CALLS	61.6	68	60	457.4	509.4
RADIO LICENSE	291.3	519.7	1092.2	1416.6	1507.2
SUNDRY INCOME (internet)	529.9	525.9	27.5	1810.4	1949.9
TELEGRAPH	3289.7	5252.4	5812.3	4380.6	4042.3
INLAND TELEGRAMS	415.6	387.1	385.2	393.1	280.9
INTERNATIONAL TELEGRAMS	362.6	314.6	423.5	355.8	259.2
OTHER TELEGRAPH SERVICES	2511.5	4550.7	5003.6	3631.8	3502.2
TELEX	6632.0	6678.7	6069	21582.0	20637.1
URBAN	...	...	...	1211.3	1.3
INTER-URBAN	...	...	...	679.1	73.0
FOREIGN	...	...	...	4389.0	4499.5
OTHER TELEX SERVICES	...	...	...	4.8	4.9
MISCELLANEOUS	10954.8	10216.7	8921.9	15297.8	16058.4
<b>TOTAL REVENUE</b>	<b>292104.4</b>	<b>445746.8</b>	<b>495218.9</b>	<b>567097.2</b>	<b>598601.0</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION

\*\* Audited (actual)

\*\*\* Forecast

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

PURPOSE	IN '000 BIRR			
	YEAR*			
	1993/94	1994/95	1995/96	1996/97
ADMINISTRATIVE EXPENSE	24896	26848	48153	45113
TRAINING	185	824	1938	2695
MAINTENANCE AND DEPRECIATION OF TELEPHONE				
I. URBAN TELEPHONE	37021	42957	10379	31067
II. INTER-URBAN TELEPHONE	18799	20927	6234	18123
MAINTENANCE AND DEPRECIATION OF TELEGRAPH	4389	3582	2444	2241
MAINTENANCE AND DEPRECIATION OF TELEX	2676	3542	1121	1740
MAINTENANCE AND DEPRECIATION OF BUILDING	3648	5111	6749	7842
DEPRECIATION OF FURNITURE AND EQUIPMENT	630	691	1574	1994
INTEREST AND LOAN	40677	48645	45502	41699
PROVISION FOR PROFIT TAX	8981	-	-	-
CAPITAL CHARGE	36512	1177	48086	27393
MISCELLANEOUS	178414	154304	172180	179907
<b>TOTAL EXPENDITURE</b>	<b>178414</b>	<b>154304</b>	<b>172180</b>	<b>179907</b>

\*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS CORPORATION



## **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	-	-	-	15	6	21
AMHARA	15	17	32	31	14	45
OROMIYA	27	11	38	-	-	-
SOMALIA	-	-	-	-	-	-
BENISHANGUL- GUMUZ	-	-	-	12	6	18
SNNP	12	6	18	41	21	62
GAMBELLA	41	18	59	-	-	-
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					TOTAL
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS		
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

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**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							TOTAL
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS		
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							TOTAL
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS		
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							TOTAL
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS		
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							TOTAL
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS		
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							TOTAL
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS		
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, idea, 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 economical activities, the expansion of press requires more attention.

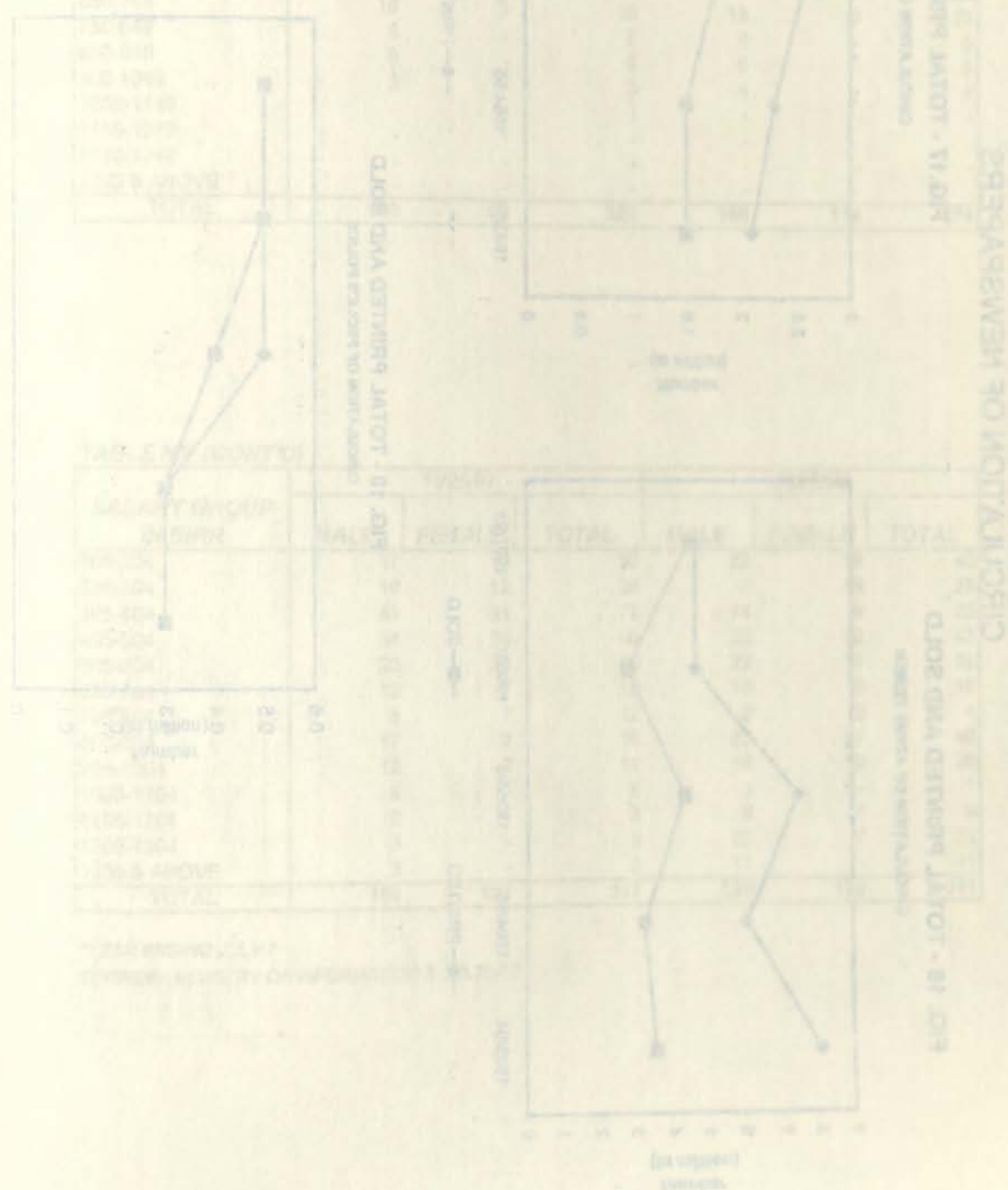
The following tables show data on the number of employees of Press and Information Department of the Ministry of Information and Culture, publication and circulation of the two dailies (except Monday), two weeklies and one bimonthly newspapers. Amharic and English were the languages used in the publication 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 increased by 23.4 percent in 1993/94 as compared to the previous year. However, its employees decreased by 1.9 percent in 1997/98 as compared to that of 1996/97. Table N2 shows that Addis Zemen, an Amharic daily had the largest circulation in 1997/98. On the contrary, in terms of number of newspapers printed 1993/94 took the biggest share among the periods under review. The Ethiopian Herald, an English daily, also showed the largest circulation in the year 1997/98 and smallest publication in 1993/94.

People's Police a bi-monthly newspaper showed an increasing trend in publication and circulation throughout the years 1993/94 - 1997/98 (See Table N3).

Table N4 shows newspapers printed by Ethiopian Orthodox Church. The publication of Zena Betekiristian increased by 327.2 percent in 1997/98 as compared to 1994/95. Lesane Tewahedo Ze-Orthodox showed a decline of 14.3 percent in publication in 1997/98 as compared to that of the year 1994/95.

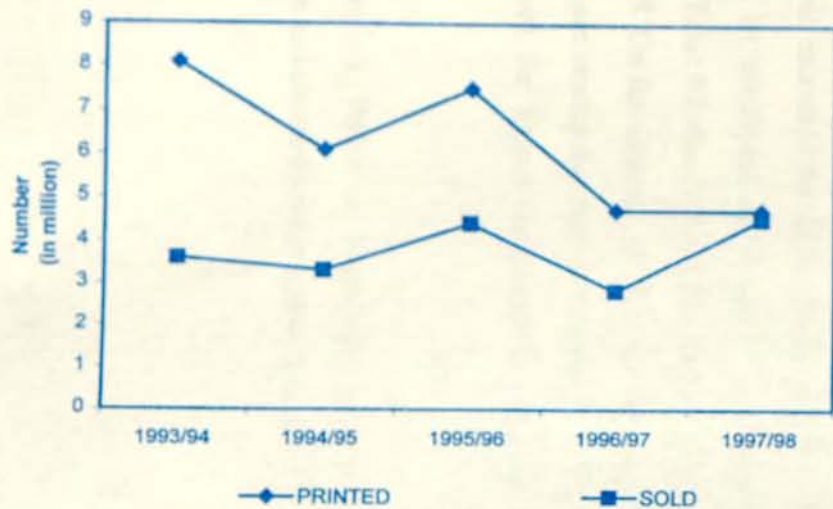
The circulation of newspapers by Region is illustrated in Table N5. The circulation of newspapers showed an increasing trend. The smallest proportion of circulation was exhibited in Affar, Somali, Benshangul-Gumuz and Gambela Regions.



## CIRCULATION OF NEWSPAPERS

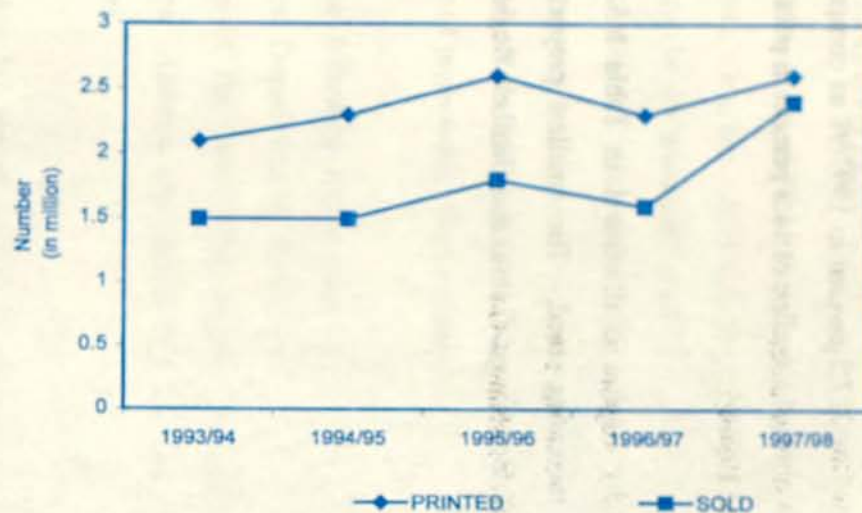
**FIG. 16 - TOTAL PRINTED AND SOLD**

CIRCULATION OF ADDIS ZEMEN



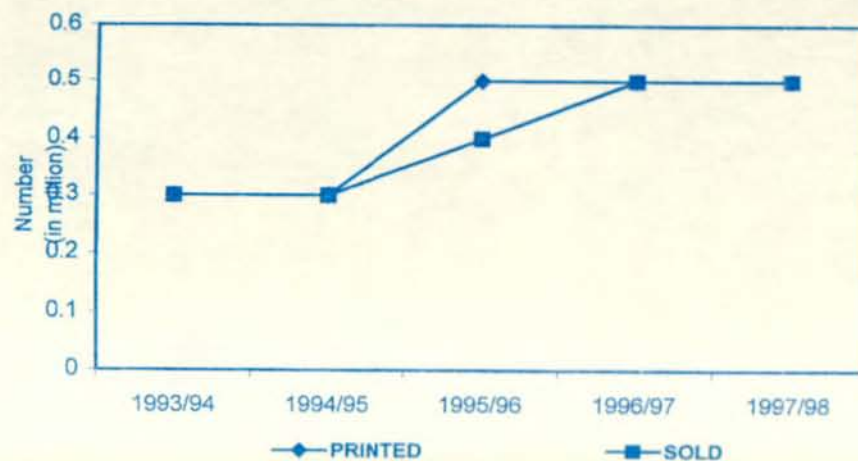
**FIG.17 - TOTAL PRINTED AND SOLD**

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		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
105-204	17	19	36	22	18	40
205-304	16	12	28	7	18	25
305-404	41	31	72	14	9	23
405-504	34	26	60	23	20	43
505-604	20	20	40	22	14	36
605-704	12	7	19	10	5	15
705-804	5	7	12	2	2	4
805-904	17	2	19	25	21	46
905-1004	12	2	14	16	10	26
1005-1104	8	-	8	1	-	1
1105-1204	2	1	3	8	1	9
1205-1304	3	-	3	25	7	32
1335 & ABOVE	3	-	3	11	-	11
<b>TOTAL</b>	<b>190</b>	<b>127</b>	<b>317</b>	<b>186</b>	<b>125</b>	<b>311</b>

\*YEAR ENDING JULY 7

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
1993/94	8149000	3555565	144661	1545	2086400	1473387	150654	1545
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

\*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
1993/94	278000	275349	312	2339
1994/95	279500	277092	267	2141
1995/96	454700	449206	196	5298
1996/97	478000	470975	168	6857
1997/98	495000	488712	288	6000

\*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	-	-

\*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	1995/96*			1996/97*			NUMBER 1997/98*		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
	TIGRAY	257820	38064	295884	161335	33126	194461	115015	53696
AFFAR	46348	7800	54148	28248	7721	35969	28799	11304	40103
AMHARA	526875	151324	678199	337698	124456	462154	328060	159029	487089
OROMIYA	933160	242831	1175991	598270	195039	793309	606964	265364	872328
SOMALI	106720	52499	159219	15360	11620	26980	14525	12395	26920
BENISHANGUL-GUMUZ	58080	6080	64160	18091	7858	25949	31806	12265	44071
SNNP	596240	125911	722151	286100	87169	373269	337891	128403	466294
GAMBELLA	16200	9048	25248	9300	1459	10759	10020	1670	11690
HARARI	92240	31334	123574	59130	22182	81312	66890	24570	91460
ADDIS ABABA	...	...	...	2769052	1684866	4453918	2862389	1840305	4702694
DIRE DAWA	213400	34098	247498	66020	26226	92246	81435	29571	111006
<b>TOTAL</b>	<b>2847083</b>	<b>698989</b>	<b>3546072</b>	<b>4348604</b>	<b>2201722</b>	<b>6550326</b>	<b>4483794</b>	<b>2538572</b>	<b>7022366</b>

\*YEAR ENDING JULY 7

NOTE:- DATA FOR OROMIYA INCLUDES ADDIS ABABA

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

