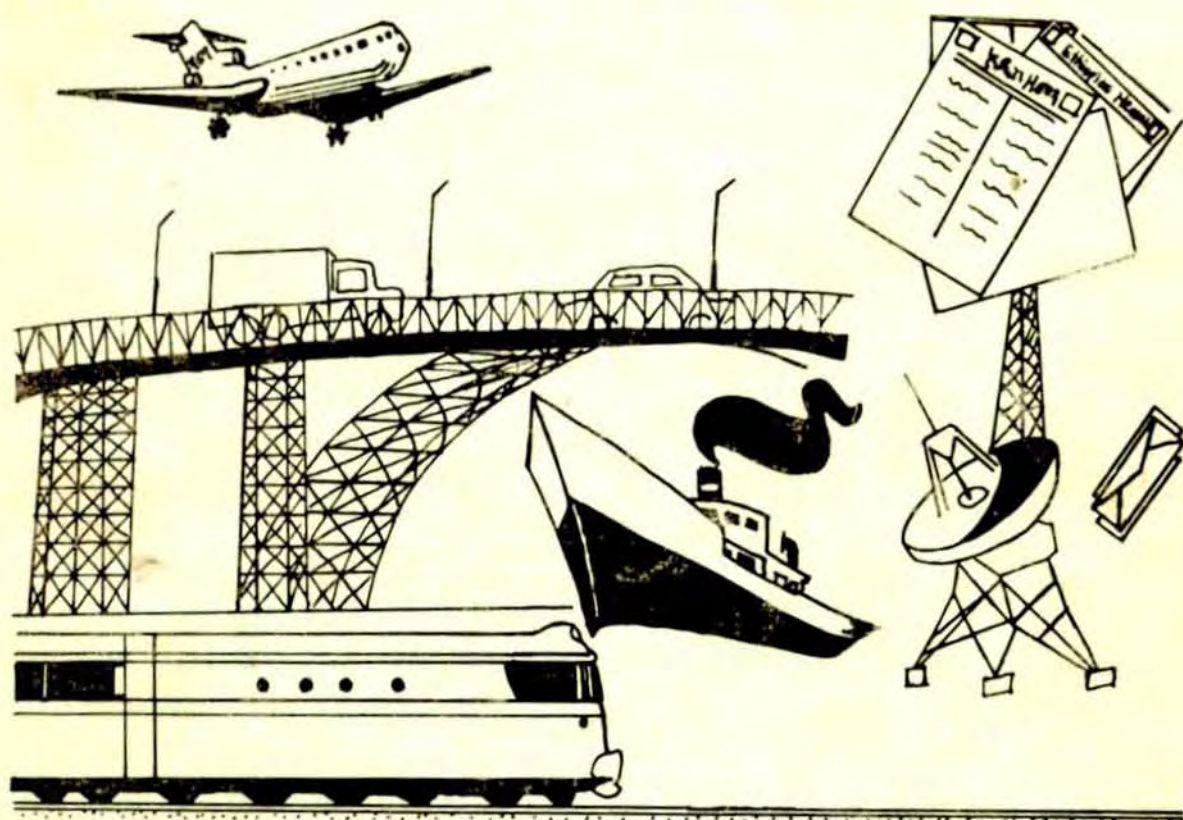


TRANSITIONAL GOVERNMENT OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS

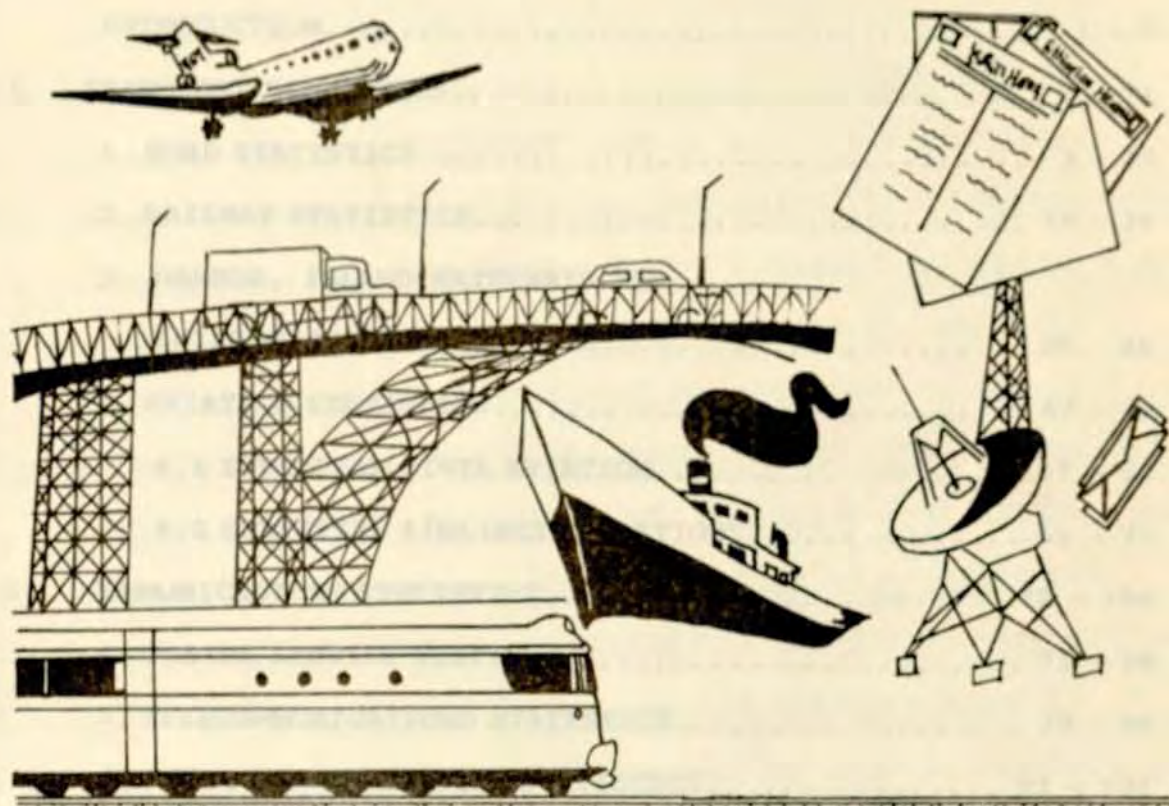


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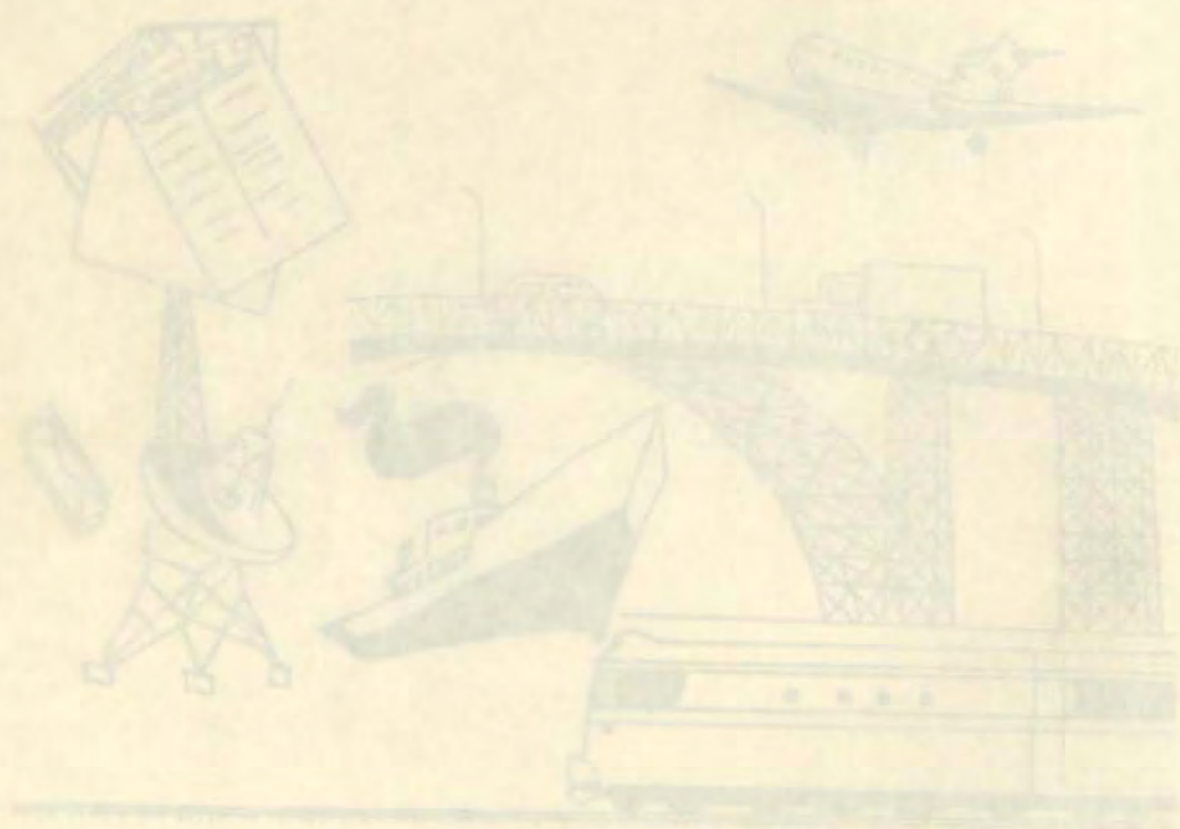
TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA SEPTEMBER, 1993

TRANSITIONAL GOVERNMENT OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA SEPTEMBER 1993

ISI

STATISTICAL BULLETIN

ISI

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CONTENTS

	<u>PAGE</u>
INTRODUCTION.....	1 - 2
I. TRANSPORT STATISTICS.....	3 - 71
1. ROAD STATISTICS.....	3 - 28
2. RAILWAY STATISTICS.....	29 - 34
3. HARBOR, INLAND WATERWAYS AND SHIPPING LINES STATISTICS.....	35 - 46
4. AVIATION STATISTICS.....	47 - 71
4.1 ETHIOPIAN CIVIL AVIATION.....	47 - 60
4.2 ETHIOPIAN AIRLINES OPERATIONS.....	61 - 71
II. COMMUNICATIONS STATISTICS.....	72 - 108
1. POSTAL SERVICE STATISTICS.....	72 - 78
2. TELECOMMUNICATIONS STATISTICS.....	79 - 90
3. RADIO AND TELEVISION STATISTICS.....	91 - 101
4. PRESS STATISTICS.....	102 - 108

LIST OF TABLES

TABLES	PAGE
R1 - IMPORT OF ROAD MOTOR VEHICLES	9
R2 - IMPORTS AND EXPORTS OF GOODS BY MODE OF TRANSPORT.....	10
R3 - NUMBER OF EMPLOYEES OF ROAD TRANSPORT AUTHORITY BY OCCUPATION AND SEX.....	10
R4 - NUMBER OF EMPLOYEES OF ROAD TRANSPORT AUTHORITY BY ADMINISTRATIVE REGION AND SEX.....	11
R5 - NUMBER OF EMPLOYEES OF ROAD TRANSPORT AUTHORITY BY SALARY GROUP AND SEX.....	11
R6 - NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED IN ETHIOPIA BY TYPE OF SERVICE.....	12
R7 - NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED BY ADMINISTRATIVE REGION.....	13
R8 - NUMBER OF EMPLOYEES OF ETHIOPIAN TRANSPORT CONSTRUCTION AUTHORITY BY OCCUPATION AND SEX.....	14
R9 - NUMBER OF EMPLOYEES OF ETHIOPIAN TRANSPORT CONSTRUCTION AUTHORITY BY ADMINISTRATIVE REGION AND SEX.....	14
R10- NUMBER OF EMPLOYEES OF ETHIOPIAN TRANSPORT CONSTRUCTION AUTHORITY BY SALARY GROUP AND SEX.....	15
R11- LENGTH OF ALL WEATHER ROADS (IN Km) BY TYPE AND ADMINISTRATIVE REGION.....	15 - 16

TABLES (CONT'D)PAGE

R12-	NUMBER OF DRIVING LICENSES ISSUED (NEW) BY NATIONALITY AND SEX.....	16
R13-	NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION BY OCCUPATION AND SEX.....	17
R14-	NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION BY ADMINISTRATIVE REGION AND SEX.....	17
R15-	NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION BY SALARY GROUP AND SEX.....	18
R16-	NUMBER OF PUBLIC TRANSPORT BUSES BY SIZE AND OWNERSHIP IN ETHIOPIA.....	18
R17-	NUMBER OF PASSENGERS BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES IN ETHIOPIA.....	19
R18-	DISTANCE COVERED BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES.....	19
R19-	NUMBER OF EMPLOYEES OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION BY OCCUPATION AND SEX.....	20
R20-	NUMBER OF EMPLOYEES OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION BY ADMINISTRATIVE REGION AND SEX.....	20
R21-	NUMBER OF EMPLOYEES OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION BY SALARY GROUP AND SEX.....	21
R22-	NUMBER OF TRUCKS BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA.....	21 - 23
R23-	FREIGHT TRANSPORTED BY OWNERSHIP AND ZONE IN ETHIOPIA.....	23 - 24

TABLES (CONT'D)	PAGE
R24- DISTANCE COVERED BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE.....	24 - 25
R25- FREIGHT-KILOMETERS PERFORMED BY OWNERSHIP AND ZONE IN ETHIOPIA.....	25 - 26
R26- QUANTITY OF FUEL TRANSPORTED BY OWNERSHIP AND TON/KM PERFORMED IN ETHIOPIA.....	26
R27- MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA.....	26 - 27
R28- MOTOR VEHICLE TRAFFIC ACCIDENTS IN ADDIS ABABA.....	27
R29- NUMBER OF ROAD MOTOR VEHICLE ACCIDENTS IN ETHIOPIA AND ADDIS ABABA BY TYPE OF VEHICLES.....	28
W1 - NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY OCCUPATION AND SEX.....	31
W2 - NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY SALARY GROUP AND SEX.....	31 - 32
W3 - NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY NATIONALITY AND SEX.....	32
W4 - NUMBER OF ROLLING STOCKS OF ETHIO-DJIBOUTI RAILWAY.....	32
W5 - PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY COMPANY.....	33
W6 - IMPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY.....	33
W7 - EXPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY.....	34
W8 - INTERNAL TRANSPORT OF GOODS BY THE ETHIO-DJIBOUTI	

TABLES (CONT'D)

PAGE

RAILWAY BY TYPE OF COMMODITY.....	34
W9 - FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY.....	34
H1 - NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY BY OCCUPATION AND SEX.....	38
H2 - NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY BY ADMINISTRATIVE REGION AND SEX.....	38
H3 - NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY BY SALARY GROUP AND SEX.....	39
H4 - OPERATIONS AT THE PORT OF ASEB.....	39
H5 - OPERATIONS AT THE PORT OF MITSIWA.....	40
H6 - EXPORT-IMPORT VIA ASEB.....	40 - 41
H7 - EXPORT-IMPORT VIA MITSIWA.....	42 - 43
H8 - ACTIVITIES OF INLAND WATERWAYS.....	43 - 44
H9 - NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION BY OCCUPATION AND SEX.....	44
H10- NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION BY SALARY GROUP AND SEX.....	45
H11- VESSELS IN USE BY NUMBER AND NET AND GROSS REGISTERED TONNAGE.....	45
H12- FREIGHT CARRIED BY ETHIOPIAN SHIPPING LINES.....	46
H13- FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES CORPORATION.....	46
A1 - NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY OCCUPATION AND SEX.....	52
A2 - NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY	

<u>TABLES (CONT'D)</u>	<u>PAGE</u>
BY PLACE OF ASSIGNMENT AND SEX.....	52
A3 - NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY	
BY SALARY GROUP AND SEX.....	53
A4 - CAPITAL EXPENDITURE BY TYPE AND LOCATION	54
A5 - SCHEDULED INTERNATIONAL AIR SERVICES OPERATED	
TO BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT	
BY TYPE OF AIRLINES AND AIRCRAFT.....	55
A6 - LIST OF AIRPORTS IN ETHIOPIA BY REGION AND	
TYPE.....	56
A7 - INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF	
FLIGHT AND AIRPORTS.....	57
A8 - BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT	
DOMESTIC TRAFFIC SCHEDULED.....	58
A9 - BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT	
INTERNATIONAL TRAFFIC SCHEDULED.....	58
A10- BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT	
INTERNATIONAL TRAFFIC BY CARRIER SCHEDULED.....	58 - 59
A11- YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT	
DOMESTIC TRAFFIC SCHEDULED.....	59
A12- YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT	
INTERNATIONAL TRAFFIC SCHEDULED.....	59
A13- ASEB DOMESTIC AIRPORT DOMESTIC TRAFFIC	
SCHEDULED.....	60
A14- DEJ. YIELMA A.TENA (DIRE DAWA) INTERNATIONAL	
AIRPORT DOMESTIC TRAFFIC SCHEDULED.....	60

<u>TABLES (CONT'D)</u>	<u>PAGE</u>
A15- DEJ. YIELMA A.TENA (DIRE DAWA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED.....	60
A16- NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY OCCUPATION AND SEX.....	61
A17- NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND ADMINISTRATIVE REGION.....	61 - 62
A18- NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND PLACE OF ASSIGNMENT.....	62 - 63
A19- NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND CONTINENT.....	63
A20- NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SALARY GROUP, SEX AND NATIONALITY.....	64
A21- NUMBER AND TYPE OF AIRCRAFT OF ETHIOPIAN AIRLINES USED FOR INTERNATIONAL AND DOMESTIC SERVICES.....	65
A22- DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS.....	66 - 67
A23- DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATIONS AND MAJOR AIRPORTS.....	67 - 68
A24- DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS.....	68 - 69
A25- REVENUE OF ETHIOPIAN AIRLINES BY SOURCE.....	69
A26- EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE.....	70
A27- ETHIOPIAN AIRLINES OPERATING STATISTICS.....	70
A28- AIR DISTANCE IN KILOMETERS BETWEEN MAJOR	

<u>TABLES (CONT'D)</u>	<u>PAGE</u>
AIRPORTS IN ETHIOPIA.....	71
A29- NUMBER OF AIRCRAFT PASSES THROUGH ETHIOPIA'S AIR SPACE.....	71
P1 - NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY BY OCCUPATION AND SEX.....	75
P2 - NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY BY ADMINISTRATIVE REGION AND SEX.....	75
P3 - NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY BY SALARY GROUP AND SEX.....	76
P4 - NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION.....	76
P5 - NUMBER OF MAIL AND POST BOXES BY ADMINISTRATIVE REGION.....	77
P6 - NUMBER OF MAIL HANDLED BY TYPE OF MAIL TRAFFIC.....	77
P7 - REVENUE OF POSTAL SERVICE AUTHORITY BY SOURCE.....	78
P8 - EXPENDITURE OF POSTAL SERVICE AUTHORITY BY PURPOSE.....	78
T1 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY OCCUPATION AND SEX.....	81
T2 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY ADMINISTRATIVE REGION AND SEX.....	81
T3 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY SALARY GROUP AND SEX.....	82
T4 - NUMBER OF TELEPHONES IN USE BY ADMINISTRATIVE REGION, CAPITAL CITIES AND OTHER TOWNS.....	82 - 83
T5 - PUBLIC TELEPHONES (COIN BOX TELEPHONES) BY	

TABLES (CONT'D)	PAGE
SELECTED URBAN AREAS.....	84
T6- NUMBER OF TELEPHONES AND TELEPHONES PER '000 POPULATION BY ADMINISTRATIVE REGION.....	85
T7- NUMBER OF INTER-URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE CAPITAL CITIES.....	86 - 89
T8- REVENUE OF TELECOMMUNICATIONS AUTHORITY BY SOURCE.....	90
T9- EXPENDITURE OF TELECOMMUNICATIONS AUTHORITY BY PURPOSE.....	90
B1- NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY OF INFORMATION BY OCCUPATION AND SEX.....	93
B2- NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY OF INFORMATION BY SALARY GROUP & SEX.....	93 - 94
B3- NUMBER OF RADIO STATIONS, TRANSMITTERS AND HOUSEHOLDS WITH RADIO SETS.....	94
B4- RADIO BROADCASTING HOURS AND LANGUAGES USED BY LOCATION OF STUDIO, NATIONAL SERVICE.....	94 - 96
B5- RADIO BROADCASTING HOURS AND LANGUAGES USED INTERNATIONAL SERVICE.....	96 - 97
B6- ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED.....	98
B7- NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL MASS MEDIA BY OCCUPATION AND SEX.....	99
B8- NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL MASS MEDIA BY SALARY GROUP AND SEX.....	99

TABLES (CONT'D)

PAGE

B9- EDUCATIONAL RADIO BROADCASTING HOURS BY LANGUAGES USED.....	100 - 101
N1- NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION BY SALARY GROUP AND SEX.....	105
N2- NUMBER OF COPIES OF DAILY NEWSPAPERS PRINTED, SOLD DONATED & RETAINED (PRINTED IN ADDIS ABABA.....)	106
N3- NUMBER OF COPIES OF WEEKLY NEWSPAPERS PRINTED, SOLD, DONATED AND RETAINED (PRINTED IN ADDIS ABABA.....)	106
N4- NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS (PRINTED IN ADDIS ABABA).....	107
N5- NUMBER OF COPIES OF NEWSPAPERS (PRINTED IN ASMARA).....	107
N6- NUMBER OF COPIES OF MONTHLY MAGAZINES (PRINTED IN ADDIS ABABA).....	107
N7- NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND MESKEREM MAGAZINE (PRINTED IN ADDIS ABABA).....	108
N8- CIRCULATION OF NEWSPAPERS BY ADMINISTRATIVE REGION.....	108

CHARTS AND GRAPHS

PAGE

1.	IMPORT OF ROAD MOTOR VEHICLES BY TYPE.....	5
2.	DRIVING LICENSES ISSUED BY SEX.....	5
3.	NUMBER OF TRANSPORT BUSES IN ETHIOPIA.....	6
4.	NUMBER OF PASSENGERS TRANSPORTED BY BUSES.....	6
5.	NUMBER OF TRUCKS IN ETHIOPIA.....	7
6.	FREIGHT TRANSPORTED BY TRUCKS.....	7
7.	MOTOR VEHICLE ACCIDENTS IN ETHIOPIA.....	8
8.	MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA.....	8
9.	INTERNAL TRANSPORT OF GOODS, IMPORTS AND EXPORTS CARRIED BY THE ETHIO-DJIBOUTI RAILWAY.....	30
10.	IMPORT - EXPORT VIA ASEB.....	37
11.	IMPORT - EXPORT VIA MITSIWA.....	37
12.	TRAFFIC AT BOLE INTERNATIONAL AIRPORT, INTERNATIONAL AIRCRAFT MOVEMENT.....	49
13.	DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) AND YOHANNES IV INTERNATIONAL AIRPORTS.....	50
14.	INTERNATIONAL TRAFFIC AT BOLE (ADDIS ABABA).....	51
15.	NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA.....	74
16.	NUMBER OF TELEPHONES IN USE IN ETHIOPIA.....	80
17.	NUMBER OF TELEPHONES IN USE IN ADDIS ABABA.....	80
18.	TOTAL PRINT AND NET PAID CIRCULATION OF ADDIS ZEMEN, ETHIOPIAN HERALD, YEZAREITU ETHIOPIA AND AL ALEM.....	104

Introduction

The economic and social development of a country is inseparably interwoven with transport and communication. For the preparation of socio-economic plans and to consolidate the gains already achieved and thereby enhance sustainable growth, the availability of accurate and reliable transport and communications data is of paramount importance.

In this fifteenth issue as in the previous publications effort has been made to serve the above mentioned purpose in the transport and communications sector.

The first part of the bulletin carries data on freight traffic volume, revenues, passenger and employment in some of the modern modes of transport, i.e., land, water, air and rail. Data on the usage, manpower, finances and operations of the various communications media, i.e., telephone, telegraph, radio, television, newspapers and periodicals, are covered in the second part. The details provided are determined by the availability of information from the sources indicated.

Tables included in the previous issues are revised, series of data brought up-to-date and text notes revised as necessary and depending on the availability of revised data. Effort is made to arrange the tables and graphs so as to suit users.

Finally, compliments are due to the various government and non-government organizations for their cooperation in providing data for the preparation of this bulletin. Further, the Central Statistical Authority welcomes suggestions and comments for improving the content of the future issues.

Notes:- 1. The dates are in Gregorian calendar and Ethiopian Budget year in accordance with the reference period of sources.

2. In some tables figures may not add to totals due to rounding

3. The following symbols have been used.

"-" Nil or negligible

"..." Data not available.

ROAD TRANSPORT

Road Transport is essential in transporting goods and services from areas of production to areas of consumption and thereby enhance the development of socio-economic activities of a country. In view of this, data on imported and inspected motor vehicles (old and new), length of all weather roads, bus services, road haulage, traffic accidents and driving licenses issued are presented in this section.

Import of motor vehicles showed an upward trend in the years 1987 through 1991 except for 1989 where the smallest number of motor vehicles (2104 in number) was imported. There was a rise in import of passenger cars from 2102 in 1990 to 2624 in 1991, however, the import of motor vehicles of special purpose dropped from 28 to 4 in the same years.

Data on quantity and value of merchandise trade by mode of transport are exhibited in Table R2. The largest share of external trade (both export and import) was conveyed by sea for the years 1990 and 1991.

Tables R3 to R5 deal with the number of employees of the Road Transport Authority by occupation, administrative region, salary group and sex, respectively. A 4.5 percent increment in the number of female employees was observed and a 3.9 percent rise in male employees was registered from the year 1989/90 to the year 1990/91. Tables R6 and R7 exhibit data on old and new motor vehicles inspected by type of service and by administrative region in that order. The total number of inspected motor vehicles has increased by 2.6 percent from 58,854 in 1989/90 to 60,382 in 1990/91. This rise is mainly manifested in the increase of inspected new motor vehicles, i.e., from 4,963 in 1989/90 to 9,276 in 1990/91, an increment of 86.9 percent.

Tables R8-R10 show the number of employees of the Ethiopian Road Authority by occupation, administrative region, salary group and sex. Length of all weather roads by type and administrative region is shown in Table R11. There was an increase in the total length of all weather roads between 1986/87 and 1990/91. In 1990/91 the network density was 1.52 km, i.e., for every 100 sq. km there was a road network of 1.52 km. The network density for 1986/87 was 1.43 km.

Number of driving licenses issued (new) by nationality is registered in Table R12. In 1990/91 about 20.4 thousand new driving licenses were issued to Ethiopians and only 82 to foreigners.

Distance covered by public transport buses decreased from 124,781 in 1989/90 to 95,136 (both in '000 kms.) in 1990/91 and yet both the number of public transport buses and passengers increased from 3,277 to 3,473 and from 59.9 million to 65.8 million in that order over the same period. The majority of the passengers were transported by medium size buses, hence the longest distance covered. Note that all medium and small size buses are privately owned.

Tables R22-R26 show haulage activities. The total number of trucks increased from 7,118 in 1989/90 to 7,405 in 1990/91, i.e., a 4.0 percent increment. About 3.6 million tons of freight was transported and about 161.2 million km was covered in 1990/91.

Data on motor vehicle accidents are shown in Tables R27 and R28. It should be noted that due to the process of forming a new police force, data on motor vehicle accidents are not available for the years 1989/90 and 1990/91.

Fig.1: IMPORT OF MOTOR VEHICLES BY TYPE

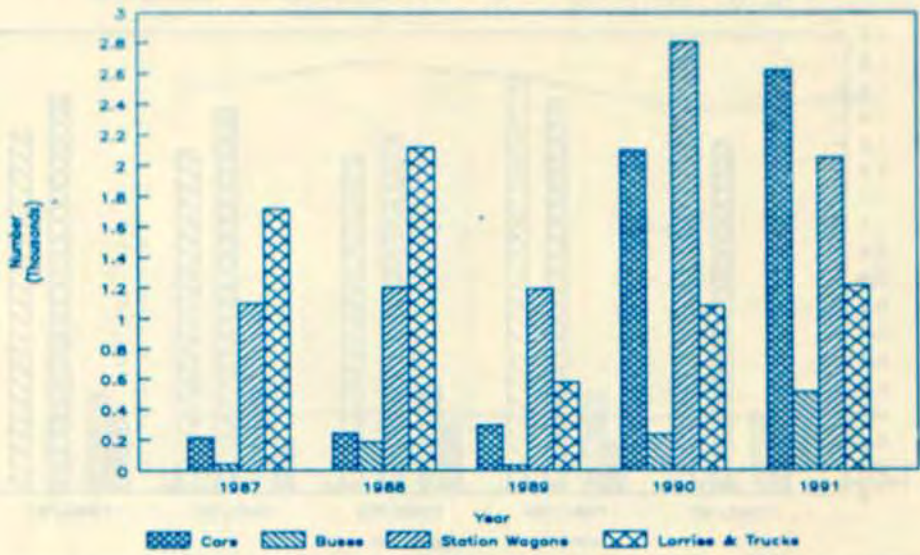


Fig.2: DRIVING LICENCES ISSUED BY SEX

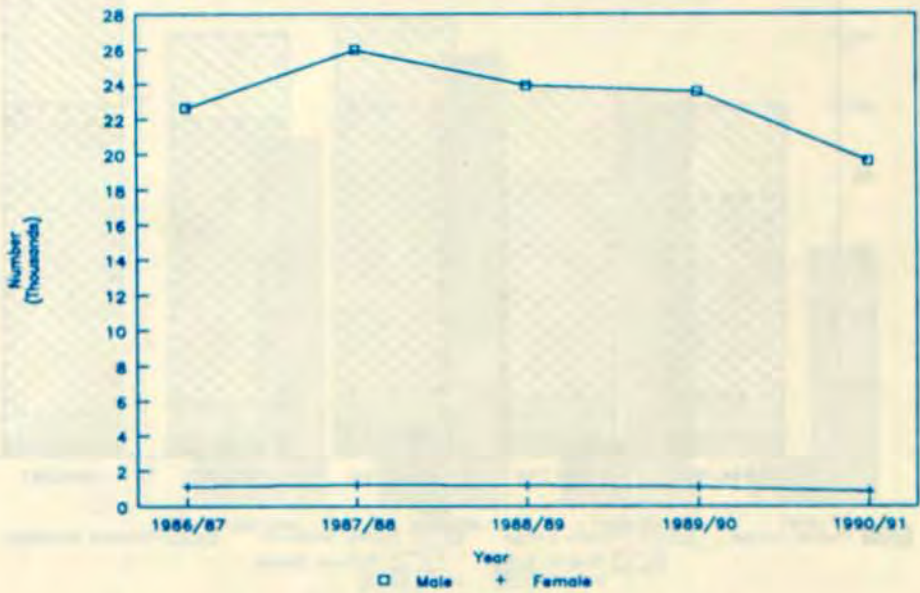


Fig.3: NUMBER OF TRANSPORT BUSES

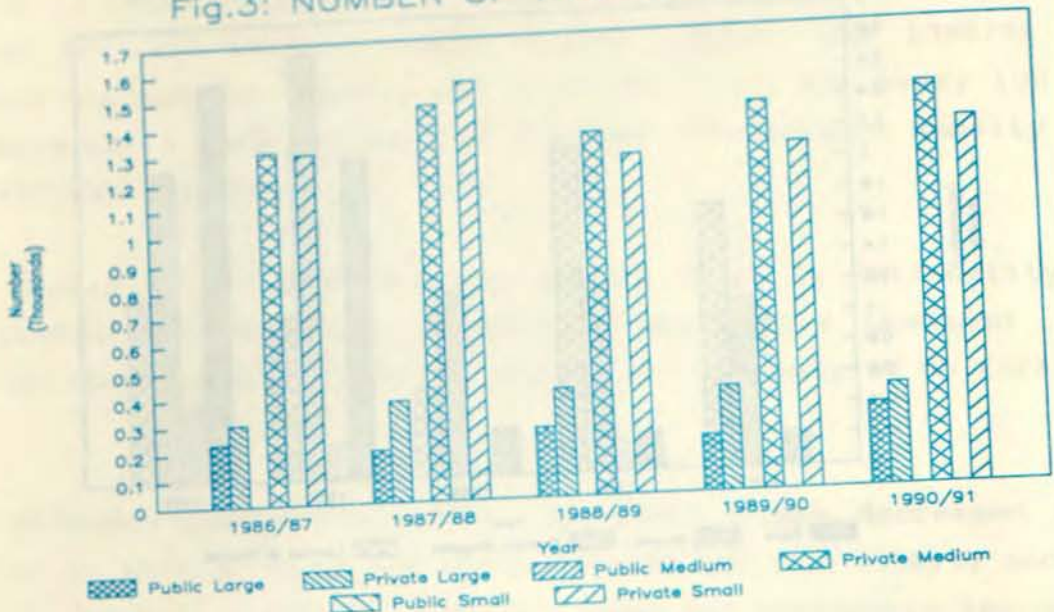


Fig.4: NUMBER OF PASSENGERS TRANSPORTED BY TRANSPORT BUSES

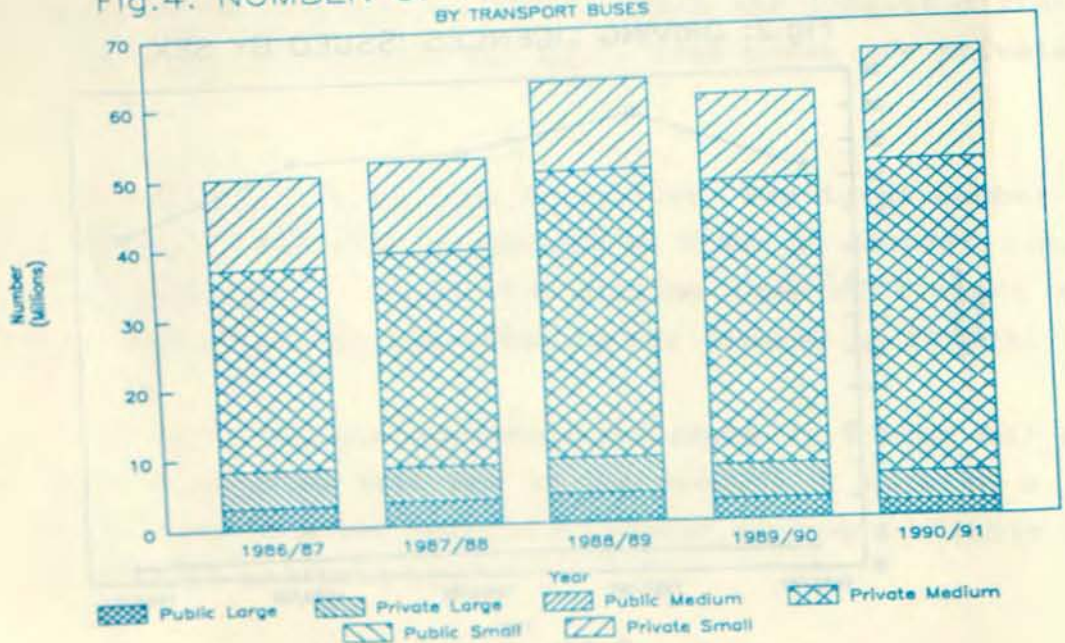


Fig.5: NUMBER OF TRUCKS

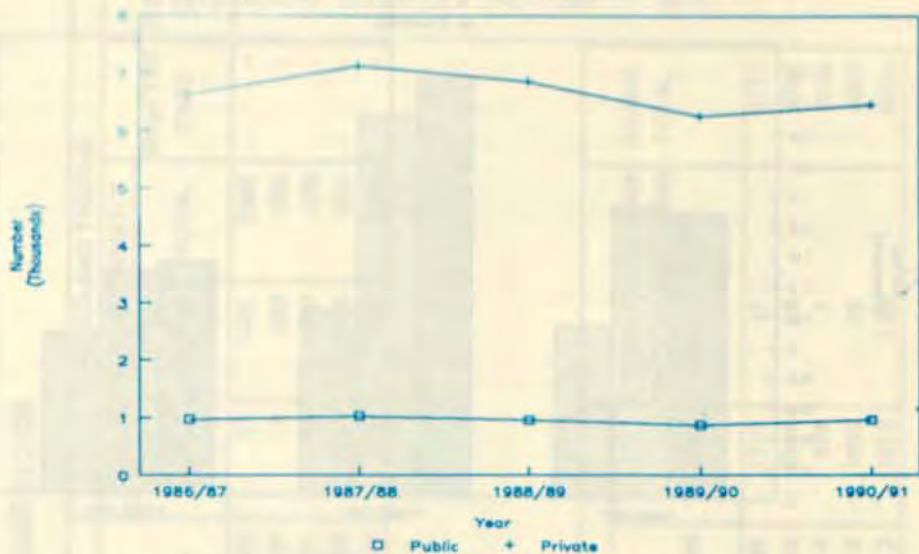


Fig.6: FREIGHT TRANSPORTED BY TRUCKS

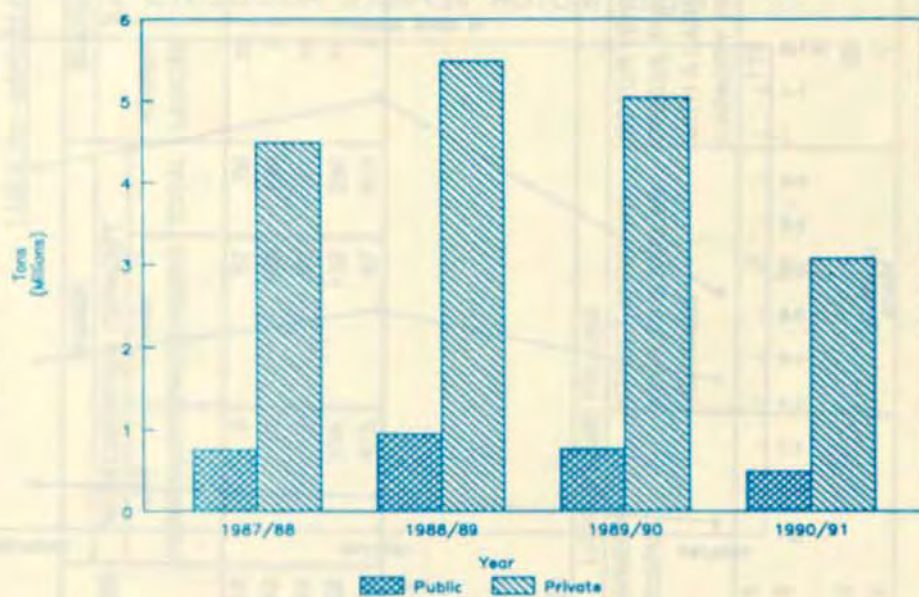


Fig.7: MOTOR VEHICLE ACCIDENTS
IN ETHIOPIA

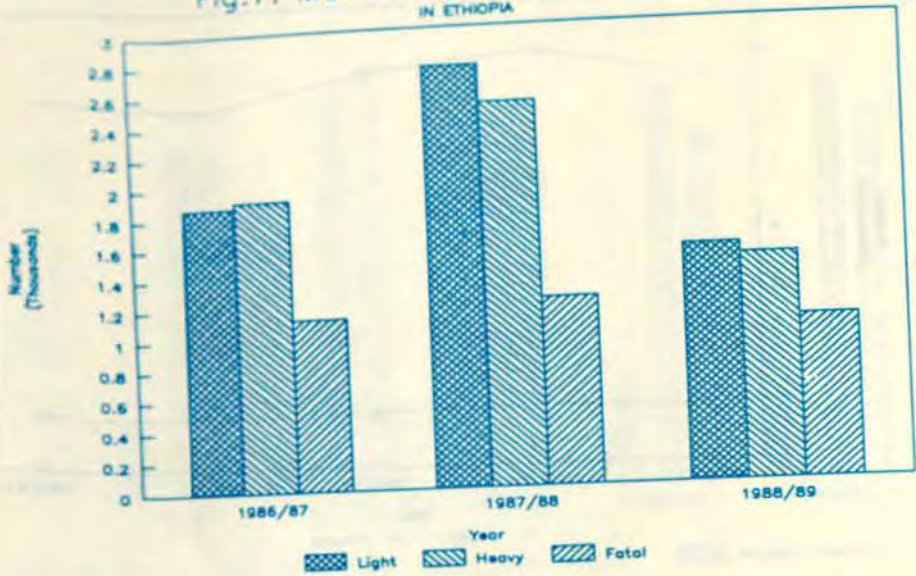


Fig.8: MOTOR VEHICLE ACCIDENTS
IN ADDIS ABABA

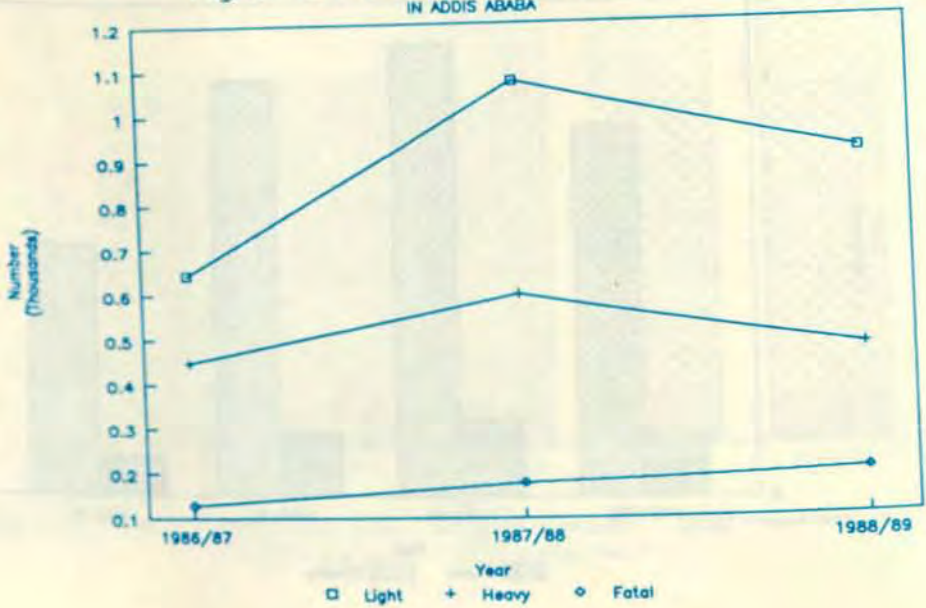


TABLE R1:-IMPORT OF ROAD MOTOR VEHICLES BY TYPE

YEAR	PASSENGER CARS	BUSES			STATION WAGONS			LORRIES AND TRUCKS				
		WITH CARRYING CAPACITY			AMBU- LANCES	LANDROVERS & SIMILAR VEHICLES	TOTAL	WITH CARRYING CAPACITY			SHUTTER CARS	DUMPER CARS
		≤15 PASSENGERS	>15 PASSENGERS	TOTAL				≤1500 Kgs.	>1500 Kgs.	TOTAL		
1987	212	2	37	39	10	1086	1096	31	1051	1082	-	127
1988	240	3	183	186	3	1196	1199	10	883	893	1	24
1989	299	1	30	31	15	1176	1191	38	377	415	-	67
1990	2102	134	102	236	15	2791	2806	554	405	959	-	76
1991	2624	413	97	510	4	2046	2050	525	639	1164	-	9

TABLE R1:- (CONT'D)

YEAR	LORRIES AND TRUCKS					OTHER PASSENGER OR LOAD CARRYING VEHICLES	GRAND TOTAL
	FIRE ENGINES & FIRE ESCAPES	STREET SPRAYING LORRIES & SIMILAR VEHICLES	MOTOR VEHICLES OF SPECIAL PURPOSE WITH A CARRYING CAPACITY 1500 Kgs.	ROAD TRACTORS	TOTAL		
1987	5	2	116	385	1717	47	3111
1988	3	56	5	1134	2116	28	3769
1989	...	77	9	8	576	7	2104
1990	8	1	28	8	1080	63	6287
1991	2	17	4	17	1213	135	6532

SOURCE:- CUSTOMS AUTHORITY

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

MODE OF TRANSPORT	1990				1991			
	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	4495.5	41300.6	58029.9	567911.4	8220.0	102036.9	137425.9	587776.8
ROAD	37825.8	27712.8	17925.8	43013.5	228.7	1205.2	18868.5	44143.1
SEA	320665.7	504586.9	1342368.3	1553333.4	73352.1	262336.1	326531.8	290685.3
TRAIN	27833.8	40215.7	19038.6	45073.7	27570.6	24783.5	11628.0	54007.3
UNSPECIFIED	-	-	4130.4	18206.2	17.0	58.7	2.8	34.2
TOTAL	390820.8	613816.0	1441493.0	2227538.2	109388.4	390420.4	494457.0	976646.7

SOURCE - CUSTOMS AUTHORITY

TABLE R3 - NUMBER OF EMPLOYEES OF ROAD TRANSPORT AUTHORITY BY OCCUPATION AND SEX

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	73	17	90	114	29	143
2. PROFESSIONAL TECHNICAL AND RELATED PERSONNEL	86	21	107	97	18	115
3. CLERICAL AND RELATED PERSONNEL	232	137	369	244	150	394
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	271	130	401	98	35	133
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	106	9	115	245	96	341
7. OTHERS	-	-	-	-	-	-
TOTAL	768	314	1082	798	328	1126

*YEAR ENDING JULY 7

SOURCE - ROAD TRANSPORT AUTHORITY

**TABLE R4 - NUMBER OF EMPLOYEES OF ROAD TRANSPORT AUTHORITY
BY ADMINISTRATIVE REGION AND SEX**

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	28	8	36	26	15	41
BALE	14	5	19	14	5	19
ERITREA	40	14	54	33	20	53
ASEB ADMIN	22	11	33	22	14	36
GAMO GOFA	15	4	19	13	5	18
GOJAM	31	8	39	29	15	44
GONDER	29	12	41	24	10	34
HARERGE	27	10	37	34	12	46
ILUBABOR	13	2	15	9	2	11
KEFA	31	12	43	30	11	41
SHEWA	41	6	47	63	22	85
ADDIS ABABA	378	181	559	415	165	580
SIDAMO	48	22	70	24	12	36
TIGRAY	-	-	-	-	-	-
WELEGA	22	5	27	25	6	31
WELO	29	14	43	37	14	51
TOTAL	768	314	1082	798	328	1126

*YEAR ENDING JULY 7

SOURCE :- ROAD TRANSPORT AUTHORITY

**TABLE R5 - NUMBER OF EMPLOYEES OF ROAD TRANSPORT AUTHORITY
BY SALARY GROUP AND SEX**

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	347	104	451	247	171	418
150-249	118	82	200	177	69	246
250-349	133	78	211	114	39	153
350-449	38	21	59	79	22	101
450-549	32	17	49	56	13	69
550-649	24	3	27	47	8	55
650-749	40	5	45	26	2	28
750-849	25	1	26	42	2	44
850-949	-	-	-	-	-	-
950-1049	6	3	9	6	2	8
1050-1149	-	-	-	-	-	-
1150-1249	3	-	3	3	-	3
1250-1349	-	-	-	-	-	-
1350 & ABOVE	2	-	2	1	-	1
TOTAL	768	314	1082	798	328	1126

*YEAR ENDING JULY 7

SOURCE :- ROAD TRANSPORT AUTHORITY

**TABLE R6 - NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED
IN ETHIOPIA BY TYPE OF SERVICE**

TYPE OF SERVICE	1986/87*			1987/88*			1988/89*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
PRIVATE CARS+	26067	691	26758	26077	612	26689	24941	471	25412
TAXI	3158	196	3354	3419	106	3525	2612	28	2640
GOVERNMENT CARS	11474	1597	13071	7798	1019	8817	8106	854	8960
DIPLOMATIC CARS	328	167	495	461	168	629	601	190	791
UNITED NATIONS CARS++	1127	479	1606	1026	117	1143	1517	509	2026
AID VEHICLES	2367	676	3043	2378	359	2737	2543	419	2962
MICRO COMMERCIAL BUSES	3829	208	4037	2717	111	2828	2583	87	2670
PUBLIC COMMERCIAL BUSES	454	105	559	1019	55	1074	1062	226	1288
COMMERCIAL PICK-UPS	2366	61	2427	4768	239	5007	5170	189	5359
HEAVY COMMERCIAL TRUCKS	2745	486	3231	5734	591	6325	5647	674	6321
HEAVY TRUCK TRAILORS	1150	234	1384	2822	162	2984	2311	154	2465
BENZINE TRUCKS	636	75	711	990	113	1103	861	115	976
BENZINE TRUCK TRAILORS	295	83	378	466	29	495	546	63	609
MOTOR CYCLES	1197	319	1516	1215	492	1707	1079	597	1676
OTHER VEHICLES	-	-	-	196	44	240	201	61	262
TOTAL	57193	5377	62570	61086	4217	65303	59780	4637	64417

TABLE R6 - (CONT'D)

TYPE OF SERVICE	1989/90*			1990/91*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL
PRIVATE CARS+	21480	719	22199	21364	3176	24540
TAXI	1883	204	2087	1728	1943	3671
GOVERNMENT CARS	8013	986	8999	6519	634	7153
DIPLOMATIC CARS	704	195	899	470	182	652
UNITED NATIONS CARS++	1344	398	1742	992	197	1189
AID VEHICLES	2244	348	2592	2601	356	2957
MICRO COMMERCIAL BUSES	2626	214	2840	3915	737	4652
PUBLIC COMMERCIAL BUSES	831	32	863	397	43	440
COMMERCIAL PICK-UPS	5543	913	6456	5187	1016	6203
HEAVY COMMERCIAL TRUCKS	4939	308	5247	4213	320	4533
HEAVY TRUCK TRAILORS	1533	78	1611	1388	70	1458
BENZINE TRUCKS	842	40	882	659	34	693
BENZINE TRUCK TRAILORS	554	14	568	504	8	512
MOTOR CYCLES	992	452	1444	847	512	1359
OTHER VEHICLES	363	62	425	322	48	370
TOTAL	53891	4963	58854	51106	9276	60382

*YEAR ENDING JULY 7

+ ONLY WITH FIVE SEATS OR LESS

++ ORGANIZATION OF AFRICAN UNITY (OAU) CARS ARE INCLUDED

NOTE: - NEW INCLUDES ALL VEHICLES INSPECTED FOR THE FIRST TIME

SORCE: - ROAD TRANSPORT AUTHORITY

TABLE R7: - NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED
BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1987/88*			1988/89*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSI	1343	61	1404	1083	22	1105
BALE	309	8	317	290	12	302
ERITREA	6582	86	6668	6352	71	6423
ASEB ADMIN	810	-	810	787	25	812
GAMO GOFA	217	15	232	165	13	178
GOJAM	633	15	648	659	5	664
GONDER	649	11	660	730	26	756
HARERGE	1737	-	1737	1928	38	1966
ILUBABOR	359	16	375	306	-	306
KEFA	1038	28	1066	640	20	660
ADDIS ABABA	44230	3870	48100	44048	4346	48394
SIDAMO	1594	97	1691	1424	34	1458
TIGRAY	255	9	264	15	-	15
WELEGA	540	-	540	460	14	474
WELO	790	1	791	893	11	904
TOTAL	61086	4217	65303	59780	4637	64417

TABLE R7: - (CONT'D)

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSI	1413	32	1445	1728	64	1792
BALE	313	14	327	308	6	314
ERITREA	3809	38	3847	2015	8	2023
ASEB ADMIN	532	103	635	503	13	516
GAMO GOFA	294	22	316	346	52	398
GOJAM	363	16	379	714	5	719
GONDER	533	9	542	294	13	307
HARERGE	1624	220	1844	1394	210	1604
ILUBABOR	148	-	148	246	-	246
KEFA	986	26	1012	980	36	1016
ADDIS ABABA	41336	4370	45706	40227	8800	49027
SIDAMO	1356	86	1442	1234	69	1303
TIGRAY	-	-	-	-	-	-
WELEGA	367	18	385	169	-	169
WELO	817	9	826	948	-	948
TOTAL	53891	4963	58854	51106	9276	60382

*YEAR ENDING JULY 7

NOTE: - NEW INCLUDES ALL VEHICLES INSPECTED FOR THE FIRST TIME

SORCE: - ROAD TRANSPORT AUTHORITY

**TABLE R8 - NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1990/91*			1991/92*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	44	-	44
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	3577	73	3650
3. CLERICAL AND RELATED PERSONNEL	986	234	1220
4. SALES WORKERS	-	-	-
5. SERVICE WORKERS	412	40	452
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	11588	108	11696
7. OTHERS	-	-	-
TOTAL	16607	455	17062

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN ROAD AUTHORITY

**TABLE R9 - NUMBER OF EMPLOYEES OF ETHIOPIAN ROAD AUTHORITY
BY ADMINISTRATIVE REGION AND SEX**

ADMINISTRATIVE REGION	1990/91*			1991/92*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	146	-	146
BALE	342	4	346
ERITREA	-	-	-
ASEB ADMIN.	70	1	71
GAMO GOFA	297	1	298
GOJAM	1080	21	1101
GONDER	747	16	763
HARERGE	1072	14	1086
ILUBABOR	83	-	83
KEFA	1110	12	1122
SHEWA	3635	112	3747
ADDIS ABABA**	5581	260	5841
SIDAMO	463	4	467
TIGRAY	398	8	406
WELEGA	445	1	446
WELO	1140	9	1149
TOTAL	16609	463	17072

*YEAR ENDING JULY 7

**4522 EMPLOYEES WHOSE PLACE OF ASSIGNMENT WAS NOT IDENTIFIED ARE INCLUDED

SOURCE: - ETHIOPIAN ROAD AUTHORITY

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

SALARY GROUP (BIRR)	1989/90*			1991/92*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149				9841	97	9938
150-249				1650	50	1700
250-349				2268	78	2346
350-449				1766	146	1912
450-549				113	43	156
550-649				738	46	784
650-749				123	3	126
750-849				36	-	36
850-949				22	-	22
950-1049				21	-	21
1050-1149				3	-	3
1150-1249				16	-	16
1250-1349				1	-	1
1350 & ABOVE				12	-	12
TOTAL				16610	463	17073

*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN ROAD AUTHORITY

TABLE R11 - LENGTH OF ALL WEATHER ROADS (IN KM) BY TYPE AND ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1986/87*			1987/88*			1988/89*		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSI	176	59	235	176	59	235	176	59	235
BALE	163	-	163	147	-	147	230	-	230
ERITREA	266	567	833	266	567	833	332	567	899
ASEB ADMIN	4	72	76	-	72	72	-	-	-
GAMO GOFA	167	-	167	152	-	152	225	-	225
GOJAM	990	91	1081	938	91	1029	886	91	977
GONDER	716	15	731	695	15	710	859	15	874
HARERGE	1500	366	1866	1592	366	1958	1525	366	1891
ILUBABOR	644	127	771	677	127	804	725	129	854
KEFA	571	220	791	571	220	791	571	220	791
SHEWA	1294	1410	2704	1321	1433	2754	1245	1505	2750
SIDAMO	392	508	900	381	508	889	490	508	998
TIGRAY	622	48	670	622	48	670	622	48	670
WELEGA	986	-	986	879	-	879	942	-	942
WELO	442	579	1021	432	589	1021	442	601	1043
TOTAL	8933	4062	12995	8849	4095	12944	9270	4109	13379
RURAL ROADS			4917			5605			5232
GRAND TOTAL			17912			18549			18611

TABLE R11 - (CONT D)

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSI	176	59	235	176	59	235
BALE	230	-	230	230	-	230
ERITREA	332	495	827	332	567	899
ASEB ADMIN	-	72	72	-	-	-
GAMO GOFA	225	-	225	225	-	225
GOJAM	886	91	977	886	91	977
GONDER	859	15	874	859	15	874
HARERGE	1525	366	1891	1525	366	1891
ILUBABOR	742	129	871	742	129	871
KEFA	571	220	791	571	220	791
SHEWA	1245	1505	2750	1245	1505	2750
SIDAMO	490	508	998	490	508	998
TIGRAY	622	48	670	622	48	670
WELEGA	942	-	942	942	-	942
WELO	442	601	1043	442	601	1043
TOTAL	9287	4109	13396	9287	4109	13396
RURAL ROADS			5550			5610
GRAND TOTAL			18946			19006

*YEAR ENDING JULY 7

NOTE - RURAL ROADS ARE MINOR GRAVEL SURFACED AGRICULTURAL ACCESS ROADS IN RURAL AREAS WITH THE LEAST COST OF CONSTRUCTION AND DESIGN STANDARD AS COMPARED WITH OTHER CATEGORIES OF ROADS GIVEN ABOVE

SOURCE - ETHIOPIAN ROAD AUTHORITY

TABLE R12 - NUMBER OF DRIVING LICENCES ISSUED(NEW) BY NATIONALITY

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1986/87	22504	1033	23537	119	73	192	23729
1987/88	25862	1162	27024	99	55	154	27178
1988/89	23830	1119	24949	87	43	130	25079
1989/90	23506	1031	24537	68	40	108	24645
1990/91	19593	804	20397	52	30	82	20479

*YEAR ENDING JULY 7

SOURCE - ROAD TRANSPORT AUTHORITY

**TABLE R13:- NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	119	9	128	101	11	112
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	44	11	55	209	11	220
3. CLERICAL AND RELATED PERSONNEL	925	489	1414	964	442	1406
4. SALES WORKERS	18	7	25	12	4	16
5. SERVICE WORKERS	318	154	472	307	145	452
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	2391	520	2911	2080	573	2653
7. OTHERS	-	-	-	-	-	-
TOTAL	3815	1190	5005	3673	1186	4859

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

**TABLE R14:- NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION
BY ADMINISTRATIVE REGION AND SEX**

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	21	3	24	21	3	24
BALE	12	2	14	11	2	13
ERITREA	70	18	88	-	-	-
ASEB ADMIN.	2	2	4	-	-	-
GAMO GOFA	16	2	18	16	2	18
GOJAM	55	17	72	54	15	69
GONDER	33	7	40	33	7	40
HARERGE	108	22	130	114	23	137
ILUBABOR	9	-	9	9	-	9
KEFA	91	10	101	92	13	105
SHEWA	210	27	237	215	28	243
ADDIS ABABA	3047	1055	4102	2963	1063	4026
SIDAMO	31	7	38	33	7	40
TIGRAY	-	-	-	-	-	-
WELEGA	18	2	20	17	2	19
WELO	92	16	108	95	21	116
TOTAL	3815	1190	5005	3673	1186	4859

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

**TABLE R15 - NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION
BY SALARY GROUP AND SEX**

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	990	456	1446	812	520	1332
150-249	1059	166	1225	1288	284	1572
250-349	748	250	998	680	170	850
350-449	422	179	601	379	129	508
450-549	290	74	364	246	46	292
550-649	160	48	208	138	24	162
650-749	67	4	71	65	4	69
750-849	25	9	34	19	6	25
850-949	19	2	21	16	1	17
950-1049	8	-	8	7	-	7
1050-1149	10	-	10	8	-	8
1150-1249	8	1	9	6	-	6
1250-1349	5	-	5	3	1	4
1350 & ABOVE	4	1	5	6	1	7
TOTAL	3815	1190	5005	3673	1186	4859

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

**TABLE R16 - NUMBER OF PUBLIC TRANSPORT BUSES BY SIZE
AND OWNERSHIP IN ETHIOPIA**

BUSES		1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
SIZE	OWNERSHIP					
LARGE	PUBLIC	232	194	256	205	304
	PRIVATE	304	372	396	383	371
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	1306	1458	1332	1421	1465
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	1295	1538	1246	1268	1333
TOTAL		3137	3562	3230	3277	3473

*YEAR ENDING JULY 7

NOTE :- LARGE SIZE BUSES WITH SEATS 45 AND ABOVE ,

MEDIUM SIZE BUSES WITH SEATS 21-44 ,

SMALL SIZE BUSES WITH SEATS 7-20

SOURCE :- PUBLIC TRANSPORT CORPORATION

TABLE R17:- NUMBER OF PASSENGERS BY OWNERSHIP AND SIZE
OF PUBLIC TRANSPORT BUSES IN ETHIOPIA

BUSES		IN'000				
SIZE	OWNERSHIP	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
LARGE	PUBLIC	3071	3509	4088	2980	2122
	PRIVATE	5133	4758	4891	4694	3962
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	28784	30641	40743	40078	43957
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	13062	12944	12770	12183	15719
TOTAL		50050	51852	62492	59935	65760

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

TABLE R18:- DSITANCE COVERED BY OWNERSHIP
AND SIZE OF PUBLIC TRANSPORT BUSES

BUSES		IN'000 KM				
SIZE	OWNERSHIP	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
LARGE	PUBLIC	10242	12748	15723	13124	10267
	PRIVATE	13092	14299	15108	16636	12861
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	55308	56693	65298	61229	47338
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	37764	37928	35553	33792	24670
TOTAL		116406	121668	131682	124781	95136

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

TABLE R19 - NUMBER OF EMPLOYEES OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION BY OCCUPATION AND SEX

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	123	8	131
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	262	189	451
3. CLERICAL AND RELATED PERSONNEL	798	289	1087
4. SALES WORKERS	5	2	7
5. SERVICE WORKERS	1795	198	1993
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1388	25	1413
7. OTHERS	-	-	-
TOTAL	4371	711	5082

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN FREIGHT TRANSPORT CORPORATION

TABLE R20 - NUMBER OF EMPLOYEES OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION BY ADMINISTRATIVE REGION AND SEX

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	24	4	28	26	2	28
BALE	23	1	24	13	1	14
ERITREA	344	52	396	262	38	300
ASEB ADMIN.	359	28	387	240	18	258
GAMO GOFA	10	1	11	4	-	4
GOJAM	44	7	51	44	7	51
GONDER	13	8	21	13	5	18
HARERGE	87	11	98	49	11	60
ILUBABOR	54	8	62	12	3	15
KEFA	-	-	-	37	4	-
SHEWA	277	27	304	604	32	636
ADDIS ABABA	3031	543	3574	2814	565	3379
SIDAMO	13	2	15	31	4	35
TIGRAY	-	-	-	-	-	-
WELEGA	44	6	50	33	5	38
WELO	48	8	56	189	16	205
TOTAL	4371	706	5077	4371	711	5082

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN FREIGHT TRANSPORT CORPORATION

TABLE R21 - NUMBER OF EMPLOYEES OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION
BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	770	171	941	816	168	984
150-249	763	146	909	892	149	1041
250-349	1137	161	1298	1102	155	1257
350-449	1033	85	1118	531	89	620
450-549	259	71	330	391	77	468
550-649	151	48	199	269	51	320
650-749	78	6	84	175	6	181
750-849	91	14	105	97	13	110
850-949	34	3	37	29	2	31
950-1049	34	-	34	35	-	35
1050-1149	7	1	8	1	1	2
1150-1249	4	-	4	9	-	9
1250-1349	2	-	2	12	-	12
1350 & ABOVE	8	-	8	12	-	12
TOTAL	4371	706	5077	4371	711	5082

*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN FREIGHT TRANSPORT CORPORATION

TABLE R22 - NUMBER OF TRUCKS BY FREIGHT CARRYING CAPACITY, OWNERSHIP
AND ZONE IN ETHIOPIA

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1986/87	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL		
1	-	404	246	349	999	999	
2	-	562	212	387	1161	1161	
3	-	410	355	626	1391	1391	
4	-	330	223	598	1151	1151	
5	776	618	-	-	618	1394	
6	150	824	-	-	824	974	
ASMARA	42	230	93	160	483	525	
TOTAL	968	3378	1129	2120	6627	7595	

TABLE R22 (CONT'D)

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1987/88	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS			
1+	101	621	325	608	1554	1655	
2	-	565	207	407	1179	1179	
3	-	405	357	635	1397	1397	
4	-	313	223	553	1089	1089	
5	774	956	-	-	956	1730	
6	146	936	-	-	936	1082	
TOTAL	1021	3796	1112	2203	7111	8132	

* ZONE 1 INCLUDING ERITREA

TABLE R22 (CONT'D)

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1988/89	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS			
1	-	288	164	288	740	740	
2	-	468	207	351	1026	1026	
3	-	403	332	564	1299	1299	
4	-	325	231	589	1145	1145	
5	695	740	-	-	740	1435	
6	148	1167	-	-	1167	1315	
ASMARA	107	532	46	153	731	838	
TOTAL	950	3923	960	1945	6848	7798	

TABLE R22 (CONT'D)

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1989/90	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS			
1	-	264	171	304	739	739	
2	-	507	197	399	1103	1103	
3	-	353	305	638	1296	1296	
4	-	300	231	615	1146	1146	
5	564	578	17	-	595	1159	
6	172	965	-	-	965	1157	
ASMARA	129	161	52	176	369	518	
TOTAL	865	3148	973	2132	6253	7118	

TABLE R22 (CONT'D)

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1990/91	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	TOTAL	
1	-	261	158	351	770	770	
2	-	504	192	448	1142	1142	
3	-	385	317	757	1459	1459	
4	-	298	238	708	1244	1244	
5	744	452	-	-	452	1196	
6	141	828	-	-	828	969	
ASMARA	70	399	45	111	555	625	
TOTAL	955	3127	950	2273	6450	7405	

*YEAR ENDING JULY 7

NOTE: - HEAVY TRUCKS - FREIGHT CARRYING CAPACITY 91
QUINTALS AND OVER AND INCLUDES TRUCKS WITH
TRAILORS

MEDIUM TRUCKS - FREIGHT CARRYING CAPACITY 51-90 QUINTALS

SMALL TRUCKS - FREIGHT CARRYING CAPACITY 5-50 QUINTALS

SOURCE: - FREIGHT TRANSPORT CORPORATION

TABLE R23 - FREIGHT TRANSPORTED BY OWNERSHIP AND ZONE IN ETHIOPIA

IN TONS

ZONE	1987/88*			1988/89*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	81500	867500	949000	-	572800	572800
2	-	921000	921000	-	861300	861300
3	-	1007800	1007800	-	926700	926700
4	-	896300	896300	-	998800	998800
5	672400	795100	1467500	898700	843200	1541900
6	-	-	-	149400	982700	1132100
ASMARA	-	-	-	103700	307800	411500
TOTAL	753900	4487500	5241400	861800	5483300	6445100

IN TONS

TABLE R23 (CONT'D)

ZONE	1989/90*			1990/91*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	-	543400	543400	-	249100	249100
2	-	709300	709300	-	615300	615300
3	-	838600	838600	-	786200	786200
4	-	854600	854600	-	678000	678000
5	552300	909900	1462200	469100	676800	1145900
6	145200	908600	1053800	87	803	890
ASMARA	69000	282200	351200	12400	76500	88900
TOTAL	766500	5046600	5813100	481587	3082703	3564290

*YEAR ENDING JULY 7

NOTE - FREIGHT CARRIED BY TRUCKS OWNED BY MASS ORGANIZATIONS
AND SOME CORPORATIONS NOT INCLUDED

SOURCE - FREIGHT TRANSPORT CORPORATION

TABLE R24 - DISTANCE COVERED BY FREIGHT CARRYING CAPACITY,
OWNERSHIP AND ZONE

IN '000 Kms

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1987/88		HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
1	1055	13571	4178	9155	26904	27959	
2	29	11954	4375	6336	22665	22694	
3	60	9851	8096	32329	50276	50336	
4	651	9898	5553	11104	26555	27206	
5	24849	34902	-	-	34902	59751	
6	4771	38716	-	-	38716	43487	
TOTAL	31415	118892	22202	58924	200018	231433	

TABLE R24 (CONT'D)

IN '000 Kms

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1988/89		HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
1	-	11583	2818	10777	25178	25178	
2	-	14044	4538	4774	23356	23356	
3	-	8413	7666	37001	53080	53080	
4	-	10713	6086	9405	26204	26204	
5	26129	37397	-	-	37397	63526	
6	4875	47656	-	-	47656	52531	
ASMARA	906	6368	-	-	6368	7274	
TOTAL	31910	136174	21108	61957	219239	251149	

TABLE R24 (CONT'D)

IN '000 Kms

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1989/90	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS			
1	606	8851	6287	16355	31493	32099	
2	39	10344	4555	6041	20940	20979	
3	183	8769	6837	38084	53690	53873	
4	513	8373	3666	9637	21676	22189	
5	18797	34727	-	-	34727	53524	
6	5954	40022	3756	-	43778	49732	
ASMARA	560	-	-	-	4514	5074	
TOTAL	26652	111086	25101	70117	206304	232956	

TABLE R24 (CONT'D)

IN '000 Kms

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1990/91	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS			
1	-	8237	1945	5712	15894	15894	
2	-	10174	3854	8520	22548	22548	
3	-	6468	4445	26237	37150	37150	
4	-	7202	3989	6805	17996	17996	
5	16359	15106	-	-	15106	31465	
6	3846	32294	-	-	32294	36140	
ASMARA	-	-	-	-	-	-	
TOTAL	20205	79481	14233	47274	140988	161193	

*YEAR ENDING JULY 7

SOURCE :- FREIGHT TRANSPORT CORPORATION

TABLE R25:- FREIGHT - KILOMETERS PERFORMED BY OWNERSHIP
AND ZONE IN ETHIOPIA

TON/KM IN MILLION

ZONE	1987/88*			1988/89*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	9.6	191.6	201.2	-	161.3	161.3
2	-	153.5	153.5	-	163.6	163.6
3	-	173.6	173.6	-	170.8	170.8
4	-	185.9	185.9	-	182.1	182.1
5	545.6	638.9	1184.5	560.5	647.1	1207.6
6	-	-	-	121.6	665.9	787.5
ASMARA	-	-	-	12.6	39.9	52.5
TOTAL	555.2	1343.5	1898.7	694.7	2030.7	2725.4

TABLE R25 (CONT'D)

TON/KM IN MILLION

ZONE	1989/90*			1990/91*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	-	163.8	163.8	-	112.1	112.1
2	-	133.8	133.8	-	130.3	130.3
3	-	163.7	163.7	-	151.2	151.2
4	-	137.0	137.0	-	112.6	112.6
5	438.1	746.1	1184.2	328.8	669.3	998.1
6	120.6	648.6	769.2	72.9	492.5	565.4
ASMARA	9.4	29.7	39.1	0.7	11.9	12.6
TOTAL	568.1	2022.7	2590.8	402.4	1679.9	2082.3

*YEAR ENDING JULY 7

SOURCE :- FREIGHT TRANSPORT CORPORATION

TABLE R26:- QUANTITY OF FUEL TRANSPORTED BY OWNERSHIP AND TON/KM PERFORMED IN ETHIOPIA

YEAR*	PUBLIC		PRIVATE		TOTAL	
	METRIC TON	TON/KM IN MILLION	METRIC TON	TON/KM IN MILLION	METRIC TON	TON/KM IN MILLION
	1986/87	111665	83.5	889984	552.3	1001649	635.8
1987/88	106600	76.0	959000	604.6	1065600	680.6
1988/89	149400	121.6	982700	665.9	1132100	787.5
1989/90	145200	120.6	908600	648.6	1053800	769.2
1990/91	87200	72.9	802900	492.5	890100	565.4

*YEAR ENDING JULY 7

NOTE :- FUEL TRANSPORTED BY TRUCKS OF MASS ORGANIZATIONS AND SOME CORPORATIONS IS NOT INCLUDED

SOURCE :- FREIGHT TRANSPORT CORPORATION

TABLE R27:- MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA

YEAR*	TOTAL NUMBER OF ACCIDENTS				
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	TOTAL
1986/87	1871	1909	1120	3093	7993
1987/88	2748	2501	1215	3791	10255
1988/89	1533	1460	1052	3965	8010
1989/90	...	...	...	...	...
1990/91	...	...	...	...	...

**TABLE R29 :- NUMBER OF ROAD MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA AND
ADDIS ABABA BY TYPE OF VEHICLES**

VEHICLES INVOLVED BY TYPE	1987/88*		1988/89*		1989/90*		1990/91*	
	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA
PRIVATE CARS	940	663	3185	1464	...	...	...	...
TAXI	524	351	527	364	...	...	...	...
BUSES	872	385	924	462	...	...	...	...
TRUCKS	2809	623	1967	53	...	...	...	...
GOVERNMENT CARS	2749	1488	3010	1674	...	...	...	...
MILITARY CARS	627	185	842	214	...	...	...	...
DIPLOMATIC CARS	57	47	79	64	...	...	...	...
UNITED NATIONS CARS+	122	40	99	38	...	...	...	...
MOTOR CYCLES	91	35	81	43	...	...	...	...
CYCLES	51	10	39	6	...	...	...	...
CART	73	-	49	-	...	...	...	...
SPECIAL VEHICLES	58	1	75	-	...	...	...	...
OTHER	5	2	15	-	...	...	...	...
TOTAL	8978	3830	10892	4382	...	...	...	...

+ INCLUDES OTHER INTERNATIONAL ORGANIZATIONS

*YEAR ENDING JULY 7

SOURCE :- POLICE HEADQUARTERS, ADDIS ABABA

RAILWAY

This part of the bulletin reviews the operation of the Ethio-Djibouti Railway Company. The railway line stretches 781 km between Addis Ababa and the port city of Djibouti.

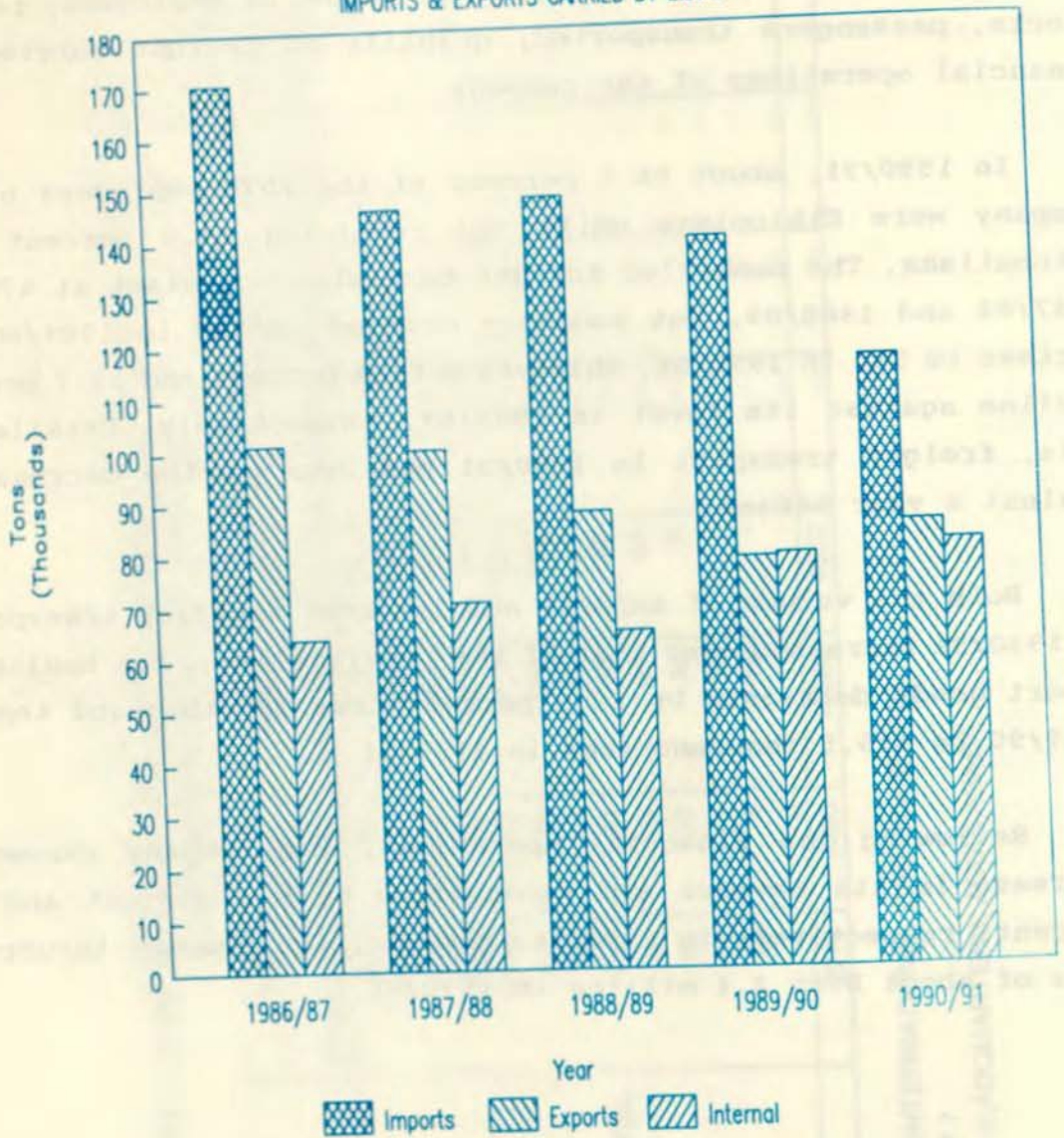
Tables W1-W9, present data on the number of employees, rolling stocks, passengers transported, quantity of freight carried and financial operations of the company.

In 1990/91, about 86.0 percent of the 2570 employees of the company were Ethiopians while the remaining 14.0 percent were Djiboutians. The number of freight cars stood constant at 678 for 1987/88 and 1988/89, but suddenly dropped to 590 in 1989/90 and further to 585 in 1990/91, which is a 13.0 percent and 13.7 percent decline against its level in 1988/89, respectively. Parallel to this, freight transport in 1990/91 has been on the decrease as against a year before.

Both the volume of exports and internal traffic, transported in 1990/91 increased over that of the previous year. But haulage of import goods decreased by 16.9 percent from 139 thousand tons in 1989/90 to 115.5 thousand tons in 1990/91.

Reviewing the financial operations, the company showed an increase in its revenue and expenditure by 9.6 percent and 3.4 percent, respectively in 1990/91. However, the company incurred a loss of about Birr 2.4 million in 1990/91.

Fig.9: INTERNAL TRANSPORT OF GOODS,
IMPORTS & EXPORTS CARRIED BY E.D.R.



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

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	57	6	63	47	5	52
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	134	9	143	140	10	150
3. CLERICAL AND RELATED PERSONNEL	336	45	381	340	42	382
4. SALES WORKERS	15	6	21	16	5	21
5. SERVICE WORKERS	234	53	287	238	50	288
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1697	-	1697	1667	-	1667
7. OTHERS	-	-	-	-	-	-
TOTAL	2473	119	2592	2458	112	2570

*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 (BIRR)	1989/90*						GRAND TOTAL
	ETHIOPIANS			DJIBOUTIANS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	795	29	824	-	-	-	824
150-249	658	17	675	83	3	86	761
250-349	196	8	204	103	1	104	308
350-449	132	9	141	42	-	42	183
450-549	73	21	94	28	-	28	122
550-649	72	3	75	17	2	19	94
650-749	89	13	102	1	-	1	103
750-849	49	8	57	8	2	10	67
850-949	32	-	32	17	-	17	49
950-1049	15	1	16	6	-	6	22
1050-1149	4	-	4	10	-	10	14
1150-1249	1	-	1	5	1	6	7
1250-1349	-	-	-	7	-	7	7
1350 AND ABOVE	10	1	11	20	-	20	31
TOTAL	2126	110	2236	347	9	356	2592

TABLE W2 - (CONT'D)

SALARY GROUP (BIRR)	1990/91*						GRAND TOTAL
	ETHIOPIANS			DJIBOUTIANS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	758	28	786	-	-	-	786
150-249	646	15	661	83	3	86	747
250-349	219	7	226	108	1	109	335
350-449	126	9	135	56	-	56	191
450-549	86	20	106	17	-	17	123
550-649	76	3	79	13	1	14	93
650-749	84	12	96	3	-	3	99
750-849	47	8	55	9	-	9	64
850-949	30	1	31	15	2	17	48
950-1049	15	-	15	9	-	9	24
1050-1149	4	-	4	9	-	9	13
1150-1249	1	-	1	4	1	5	6
1250-1349	-	-	-	8	-	8	8
1350 AND ABOVE	11	1	12	21	-	21	33
TOTAL	2103	104	2207	355	8	363	2570

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W3 - NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY
BY NATIONALITY AND SEX

YEAR*	NUMBER OF EMPLOYEES						GRAND TOTAL
	ETHIOPIANS			DJIBOUTIANS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1986/87	2140	83	2223	364	5	369	2592
1987/88	2155	92	2247	357	10	367	2614
1988/89	2127	100	2227	358	10	368	2595
1989/90	2126	110	2236	347	9	356	2592
1990/91	2103	104	2207	355	8	363	2570

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W4 - NUMBER OF ROLLING STOCKS OF ETHIO-DJIBOUTI RAILWAY

	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
LENGTH OF RAILWAYS (Kms)	781	781	781	781	781
ROLLING STOCKS (NUMBER)					
(I) STEAM LOCOMOTIVES AND LOCOTRACTORS	7	7	7	4	4
(II) DIESEL-ELECTRIC LOCOMOTIVES	34	34	34	17	13
(III) PASSENGER CARS	63	63	63	36	36
(IV) FREIGHT CARS	624	678	678	590	585
(V) AUTORAIS	6	6	6	6	6
(VI) OTHERS	10	10	10	7	7

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W5 - PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY COMPANY

YEAR*	PASSENGERS ('000)			PASSENGER (KMS) MILLION	AVERAGE KMS.PER PASSENGER	FREIGHT ('000 TONS)				COMMERCIAL TRAFFIC MILLION-TON.Kms	AVERAGE Kms PER TON OF COMM. TRAFFIC
	1st and 2nd CLASS	3rd CLASS	TOTAL			IMPORT	EXPORT	INTERNAL TRAFFIC	TOTAL		
1986/87	109	1096	1205	315.0	261.0	170.5	101.1	63.8	335.4	150.0	447
1987/88	143	1169	1312	342.0	261.0	145.8	99.7	70.3	315.8	141.0	445
1988/89	155	940	1095	297.6	271.9	147.5	87.2	64.3	299.0	128.6	430.2
1989/90	160	809	969	277.0	285.9	139.0	77.9	78.5	295.4	126.1	426.9
1990/91	183	806	989	291.2	294.0	115.5	84.0	80.2	279.7	121.6	435

*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

**TABLE W6:- IMPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF
COMMODITY**

COMMODITY	QUANTITY IN '000 TONS				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
FOOD AND LIVE ANIMALS	71.8	53.0	64.4	56.9	55.6
BEVERAGES AND TOBACCO	0.4	-	-	0.6	-
CRUDE MATERIALS EXCEPT FUELS	0.7	0.2	0.3	1.2	1.3
FUELS, LUBRICANTS AND RELATED MATERIALS	41.5	41.7	40.6	39.2	19.3
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	15.0	4.9	2.7	3.5	2.6
MANUFACTURED ARTICLES	32.9	37.0	27.8	22.1	25.7
MACHINERY AND TRANSPORT EQUIPMENT	2.4	2.1	1.8	2.7	2.5
MISCELLANEOUS ARTICLES N.E.S	6.3	6.9	9.8	12.8	8.5
TOTAL	171.0	145.8	147.4	139.0	115.5

*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W7: - EXPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY

COMMODITY	QUANTITY IN '000 TONS				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
FOOD AND LIVE ANIMALS	93.5	93.1	84.7	76.2	81.1
BEVERAGES AND TOBACCO	0.1	0.2	0.1	0.1	-
CRUDE MATERIALS EXCEPT FUELS	0.2	0.1	0.4	-	-
FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	0.1	-	-
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	-	-	0.1	-	-
MANUFACTURED ARTICLES	0.4	0.4	0.2	0.2	0.2
MACHINERY AND TRANSPORT EQUIPMENT	0.1	0.2	0.1	0.1	0.1
MISCELLANEOUS ARTICLES N.E.S	6.7	5.6	1.5	1.3	2.5
TOTAL	101.0	99.6	87.2	77.9	83.9

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W8: - INTERNAL TRANSPORT OF GOODS BY THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY

COMMODITY	QUANTITY IN '000 TONS				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
FOOD AND LIVE ANIMALS	45.1	41.9	38.3	49.4	57.6
BEVERAGES AND TOBACCO	1.0	1.0	0.9	1.0	0.3
CRUDE MATERIALS EXCEPT FUELS	2.4	6.6	8.3	7.4	7.3
FUELS, LUBRICANTS AND RELATED MATERIALS	0.3	0.5	0.7	0.7	0.7
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	1.0	1.9	0.2	0.1	0.2
MANUFACTURED ARTICLES	10.0	13.2	12.4	12.9	9.5
MACHINERY AND TRANSPORT EQUIPMENT	1.7	2.8	1.6	4.7	3.2
MISCELLANEOUS ARTICLES N.E.S	2.2	2.4	2.0	2.2	1.3
TOTAL	63.7	70.3	64.4	78.4	80.1

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W9: - FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY

YEAR*	REVENUE IN '000 BIRR				EXPENDITURE IN '000 BIRR			
	PASSENGER	FREIGHT	OTHERS	TOTAL	PERSONNEL	MATERIAL AND OTHERS	PROVISIONS FOR WORKERS AND RENEWAL	TOTAL
1986/87	11138.0	18612.0	4301.0	34051.0	16395.0	13568.0	6179.0	36142.0
1987/88	12537.0	16836.0	4268.0	33641.0	16315.0	10032.0	3393.0	29740.0
1988/89	18220.9	11376.6	940.2	28537.7	15816.5	11963.9	3652.3	31452.7
1989/90	16040.0	10886.9	868.1	27795.0	16776.3	11260.9	3722.4	31759.6
1990/91	11900.0	18002.0	558.0	30460.0	16474.9	12967.7	3387.6	32830.2

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

WATERWAYS AND SHIPPING LINES

The data in this section of the bulletin deal with activities of ports, inland waterways and of the Shipping Lines Corporation. Gross and net registered tonnage of ships, cargo loaded and unloaded, number of ships that called at both ports, passengers transported and employees of Ethiopian Shipping Lines Corporation are presented.

Tables H1-H3 depict the number of employees of Marine Transport Authority by occupation, administrative region, salary group and sex, respectively.

Tables H4 and H5 indicate the operations of the ports of Aseb and Mitsiwa. Tables H6 and H7 present the volume and value of imports and exports handled at both ports, respectively. In 1991 the volume of exports and imports handled at Aseb decreased by 77 percent and 76 percent, respectively, as against the year before. Table H8 shows the activities of inland waterways. Few of the lakes and rivers in the country are utilized for the transportation of passengers and freight, and these are lakes Tana, Abaya & Chamo and rivers Baro and Akobo. Motor boats of different sizes are used for transporting purpose in these lakes and rivers. More than 84 thousand passengers and 22.5 tons of freight were carried on these lakes and rivers in 1990/91.

Tables H9-H12 show the number of employees of Ethiopian Shipping Lines Corporation, vessels in use and quantity of freight carried, respectively.

In 1990/91 the Shipping Lines Corporation had a staff of 454 of various occupations and of these technical personnel constituted 28.4 percent.

The volume of freight carried by the Shipping Lines in the international route decreased from 310,269 tons in 1989/90 to 264,734 tons in 1990/91 revealing a decline of 14.7 percent. Likewise in the coastal area it decreased from 236,357 tons in 1989/90 to 101,759 tons in 1990/91 exhibiting a 57 percent decline. The number of ships decreased by one during the same period.

Table H13 presents the financial condition of the corporation. Revenue of the company amounted to Birr 114.2 million in 1990/91 showing a downfall of 14.6 percent compared to the previous year. Similarly expenditure of the corporation went down by 18.9 percent i.e, from Birr 127.6 million in 1989/90 to Birr 103.5 million in 1990/91. The Shipping Lines Corporation made a profit of Birr 10.7 million in 1990/91.

Table H13: Financial Condition of the Shipping Lines Corporation (in Birr million)

Item	1989/90	1990/91
Revenue	130.0	114.2
Expenditure	127.6	103.5
Profit	2.4	10.7

FIG.10: EXPORT-IMPORT VIA ASEB

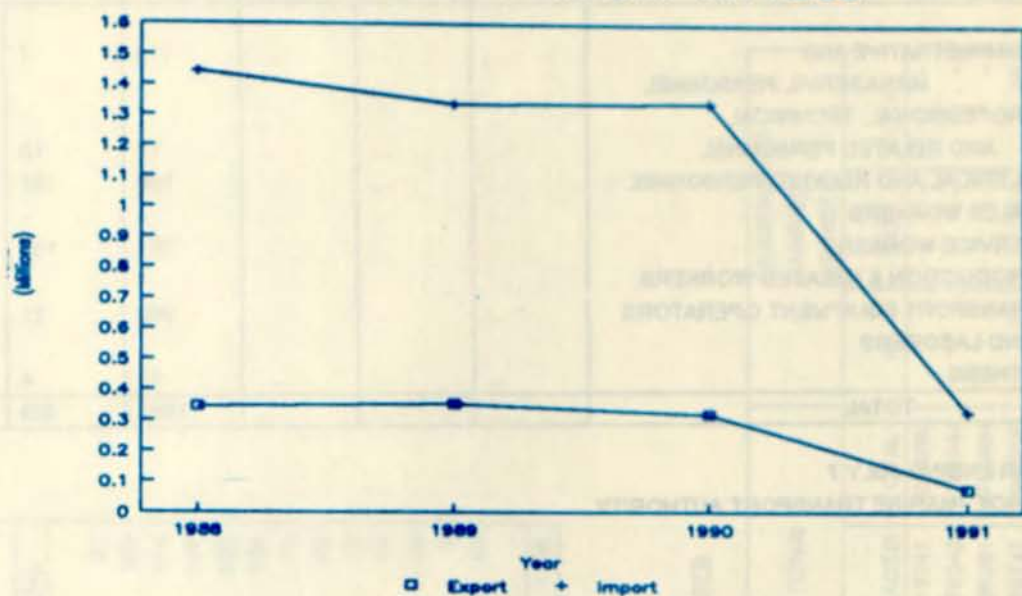
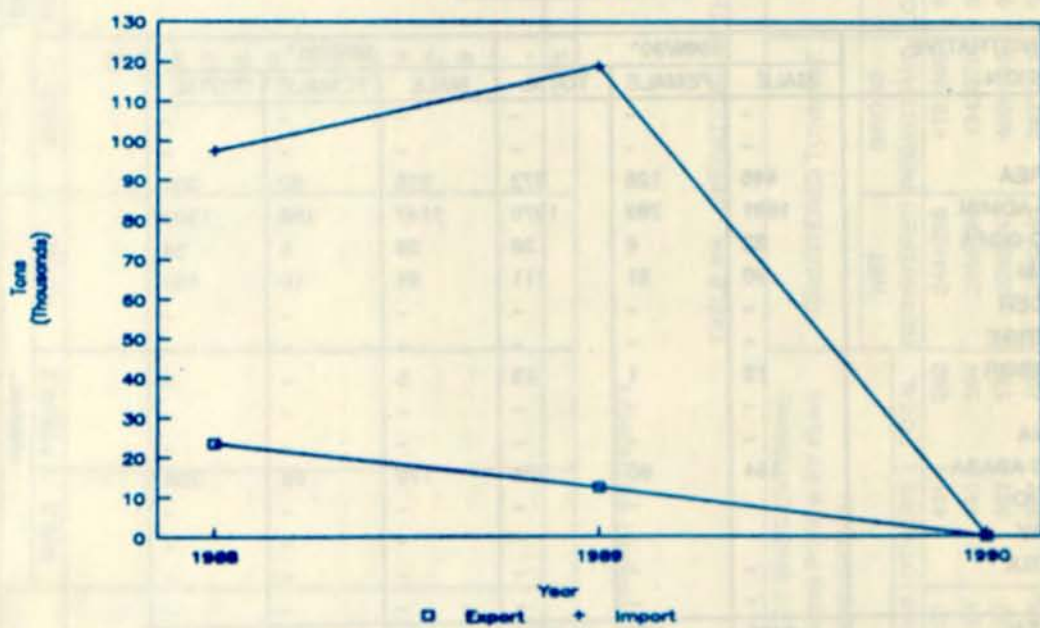


FIG.11: EXPORT-IMPORT VIA MITSUWA



**TABLE H1 - NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	114	7	121
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	72	10	82
3. CLERICAL AND RELATED PERSONNEL	188	187	375
4. SALES WORKERS	-	-	-
5. SERVICE WORKERS	253	100	353
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	983	21	1004
7. OTHERS	47	4	51
TOTAL	1657	329	1986

*YEAR ENDING JULY 7

SOURCE: -MARINE TRANSPORT AUTHORITY

**TABLE H2 - NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY BY
ADMINISTRATIVE REGION AND SEX**

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	-	-	-	-	-	-
BALE	-	-	-	-	-	-
ERITREA	446	126	572	215	92	307
ASEB ADMIN.	1681	289	1970	1147	156	1303
GAMO GOFA	32	6	38	29	5	34
GOJAM	90	21	111	91	10	101
GONDER	-	-	-	-	-	-
HARERGE	-	-	-	-	-	-
ILUBABOR	12	1	13	5	-	5
KEFA	-	-	-	-	-	-
SHEWA	-	-	-	-	-	-
ADDIS ABABA	164	60	224	170	66	236
SIDAMO	-	-	-	-	-	-
TIGRAY	-	-	-	-	-	-
WELEGA	-	-	-	-	-	-
WELO	-	-	-	-	-	-
TOTAL	2425	503	2928	1657	329	1986

*YEAR ENDING JULY 7

SOURCE: -MARINE TRANSPORT AUTHORITY

TABLE H3 - NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY

BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	16	5	21
150-249	135	28	163
250-349	394	120	514
350-449	417	99	516
450-549	293	40	333
550-649	205	29	234
650-749	72	4	76
750-849	56	4	60
850-949	12	-	12
950-1049	9	1	10
1050-1149	22	-	22
1150-1249	8	-	8
1250-1349	17	-	17
1350 AND ABOVE	-	-	-
TOTAL				1656	330	1986

*YEAR ENDING JULY 7

SOURCE: -MARINE TRANSPORT AUTHORITY

TABLE H4 - OPERATIONS AT THE PORT OF ASER

YEAR*	NUMBER OF SHIPS ENTERING AND LEAVING PORTS BY FLAG OF REGISTRATION			REGISTERED TONNAGE		CARGO(M.TONS)			PASSENGERS CARRIED (NUMBER)		
				NET	GROSS	LOADED	UNLOADED	TOTAL	IN	OUT	TOTAL
	ETHIOPIA'S	OTHERS'	TOTAL	REGISTERED	REGISTERED						
1986/87	131	431	562	2441256	4187699	600042	2219741	2819783	-	-	-
1987/88	154	440	594	2456194	4343276	574402	2176342	2750744	-	-	-
1988/89	187	392	579	2283542	4028456	612143	2186261	2798404	-	-	-
1989/90	141	357	498	2309040	3877712	560523	1939747	2500270	19	17	36
1990/91	...	...	...	...	...	...	...	...	...	...	...

*YEAR ENDING JULY 7

SOURCE: -MARINE TRANSPORT AUTHORITY

TABLE H5: - OPERATIONS AT THE PORT OF MITSUWA

YEAR*	NUMBER OF SHIPS ENTERING AND LEAVING PORTS BY FLAG OF REGISTRATION			REGISTERED TONNAGE		CARGO(M.TONS)			PASSENGERS CARRIED (NUMBER)		
				NET	GROSS	LOADED	UNLOADED	TOTAL	IN	OUT	TOTAL
	ETHIOPIA'S	OTHERS'	TOTAL	REGISTERED	REGISTERED						
1986/87	99	110	209	786681	1263717	39083	430744	469827	264	128	392
1987/88	113	144	257	879498	1457199	53534	686899	740433	-	-	-
1988/89	137	105	242	581213	1005927	44476	458850	503326	-	-	-
1989/90**	55	37	92	241842	419841	18137	159118	177255	139	86	225
1990/91	...	...	...	...	...	...	...	...	...	...	...

*YEAR ENDING JULY 7

**FOR FIVE MONTHS ONLY

SOURCE: -MARINE TRANSPORT AUTHORITY

TABLE H6: - EXPORT-IMPORT VIA ASEB

COMMODITY	1988				1989			
	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
FOOD AND LIVE ANIMALS	110787.3	604344.6	447226.3	249119.4	115223.9	630946.8	184667.4	124097.7
BEVERAGES AND TOBACCO	105.5	121.4	1193.5	9764.8	348.0	807.4	11.5	32.9
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	21098.9	142019.9	10588.7	21729.6	19034.2	141804.0	11893.7	25705.7
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	207700.4	26292.0	783414.0	210501.6	216331.7	37359.0	776350.7	210851.5
ANIMAL AND VEGETABLE OILS AND FATS	5723.9	3390.0	24648.2	40407.3	1855.7	1685.0	5589.9	13392.9
CHEMICAL ELEMENTS AND COMPOUNDS	14.7	54.0	72350.9	125951.9	-	-	251836.1	256483.1
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	187.1	1207.3	55580.7	163741.3	789.2	10365.0	71498.8	184369.5
MACHINERY AND TRANSPORT EQUIPMENT	-	-	42453.6	519226.2	-	-	30912.7	414623.3
MISCELLANEOUS MANUFACTURED ARTICLES	87.4	1414.5	4939.6	32845.7	72.5	1011.7	4261.8	36193.2
COMMODITIES N.E.S.	-	-	-	-	-	-	14.8	173.3
TOTAL	345705.2	778843.7	1442395.5	1373287.8	353655.2	823978.9	1337037.4	1265923.1

TABLE H6 (CONT'D)

COMMODITY	1990				1991			
	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
FOOD AND LIVE ANIMALS	98203.5	319616.8	356837.0	252036.3	53332.2	231451.3	29149.8	30785.6
BEVERAGES AND TOBACCO	1010.3	2275.0	510.5	2366.3	-	-	245.0	1147.0
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	10669.0	129429.3	24660.4	46409.4	3900.0	26539.9	545.4	1302.8
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	209512.7	42443.9	732239.4	258340.8	16040.1	3788.8	228965.0	63019.8
ANIMAL AND VEGETABLE OILS AND FATS	195.5	1321.2	18271.5	36789.0	22.6	157.4	1151.2	2447.9
CHEMICAL ELEMENTS AND COMPOUNDS	30.6	170.1	111880.8	157285.6	-	-	48194.0	70734.8
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	835.0	8132.3	65110.6	261995.1	21.6	148.8	12992.7	46333.5
MACHINERY AND TRANSPORT EQUIPMENT	-	-	29420.7	493505.0	-	-	4267.7	67365.3
MISCELLANEOUS MANUFACTURED ARTICLES	209.0	1198.4	3079.9	43585.8	52.7	308.5	1021.1	7548.5
COMMODITIES N. E. S.	-	-	-	-	-	-	-	-
TOTAL	320665.6	504587.0	1342010.8	1552313.3	73369.2	262394.7	326531.9	290685.2

SOURCE: - CUSTOMS AUTHORITY

TABLE H7:- EXPORT-IMPORT VIA MITSUWA

COMMODITY	1988				1989			
	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
FOOD AND LIVE ANIMALS	3300.0	985.4	75812.7	40711.1	1650.0	500.7	17269.1	24090.2
BEVERAGES AND TOBACCO	-	-	-	-	-	-	10.7	128.1
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	20190.0	5999.9	614.2	2769.1	10238.7	10171.5	1546.6	6398.1
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	3262.8	6447.1	-	-	2781.5	4982.1
ANIMAL AND VEGETABLE OILS AND FATS	-	-	611.0	1319.9	-	-	3702.1	10584.1
CHEMICAL ELEMENTS AND COMPOUNDS	-	-	7068.8	13379.4	-	-	82104.4	18631.5
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	24.1	43.9	8087.8	20718.6	427.9	2056.0	10153.6	25385.1
MACHINERY AND TRANSPORT EQUIPMENT	-	-	1719.1	25704.1	-	-	1185.2	16103.9
MISCELLANEOUS MANUFACTURED ARTICLES	-	-	236.4	2031.7	-	-	265.8	2247.1
COMMODITIES N.E.S.	-	-	-	-	-	-	-	-
TOTAL	23514.1	7029.2	97412.8	113081.0	12316.6	12728.2	119039.0	108550.2

TABLE H7 (CONT'D)

COMMODITY	1990				1991			
	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
FOOD AND LIVE ANIMALS	-	-	-	-
BEVERAGES AND TOBACCO	-	-	-	-
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	-	-	185.0	139.5	...	...	...	...
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	-	-
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-
CHEMICAL ELEMENTS AND COMPOUNDS	-	-	44.4	89.8	...	...	...	...
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	-	-	93.0	221.7	...	...	...	...
MACHINERY AND TRANSPORT EQUIPMENT	-	-	32.5	548.7	...	...	...	...
MISCELLANEOUS MANUFACTURED ARTICLES	-	-	2.6	20.5	...	...	...	...
COMMODITIES N.E.S.	-	-	-	-
TOTAL	-	-	357.5	1020.2	...	...	...	...

SOURCE: - CUSTOMS AUTHORITY

TABLE H8: - ACTIVITIES OF INLAND WATERWAYS

NAME (LAKE OR RIVERS)	1987/88*			1988/89*		
	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)
LAKE TANA	8	118278	2300	10	132096	3290
BARO AND AKOBO (RIVERS)	2	94	64	-	-	-
ABAYA AND CHAMO (LAKES)	2	12746	77	3	2555	3.4
TOTAL	12	131118	2441	13	134651	3293.4

TABLE H8 (CONT'D)

NAME (LAKE OR RIVERS)	1989/90*			1990/91*		
	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)
LAKE TANA	10	94070	2720	8	77692	22.0
BARO AND AKOBO (RIVERS)	2	-	-	2	-	-
ABAYA AND CHAMO (LAKES)	2	8355	197	2	6698	0.5
TOTAL	14	102425	2917	12	84390	22.5

*YEAR ENDING JULY 7

SOURCE :- MARINE TRANSPORT AUTHORITY

TABLE H9 :- NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION
BY OCCUPATION AND SEX

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	19	3	22	19	4	23
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	107	7	114	126	3	129
3. CLERICAL AND RELATED PERSONNEL	25	24	49	29	31	60
4. SALES WORKERS	6	1	7	5	2	7
5. SERVICE WORKERS	75	8	83	93	7	100
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	188	-	188	135	-	135
7. OTHERS	1	-	-	-	-	-
TOTAL	421	43	464	407	47	454

*YEAR ENDING JULY 7

SOURCE :- ETHIOPIAN SHIPPING LINES CORPORATION

TABLE H10 - NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION
BY SALARY GROUP AND SEX

SALARY GROUP (BIRRI)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	2	3	5	5	4	9
150-249	20	5	25	11	4	15
250-349	43	-	43	41	-	41
350-449	139	11	150	127	17	144
450-549	43	5	48	40	6	46
550-649	35	3	38	28	5	33
650-749	60	11	71	64	8	72
750-849	7	-	7	5	2	7
850-949	35	2	37	34	3	37
950-1049	1	-	1	-	1	1
1050-1149	1	-	1	1	-	1
1150-1249	8	1	9	8	3	11
1250-1349	2	2	4	1	2	3
1350 AND ABOVE	25	-	25	34	-	34
TOTAL	421	43	464	399	55	454

*YEAR ENDING JULY 7

SOURCE - ETHIOPIAN SHIPPING LINES CORPORATION

TABLE H11 - VESSELS IN USE BY NUMBER AND NET
AND GROSS REGISTERED TONNAGE

YEAR*	NO OF SHIPS**	REGISTERED TONNAGE		DEAD WEIGHT
		GROSS	NET	
1986/87	12	65121	34877	92872
1987/88	12	65121	34877	92818
1988/89	12	67111	35401	93522
1989/90	13	55882	35932	83126
1990/91	6	66296	35220	94406

*YEAR ENDING JULY 7

**EXCLUDING CHARTERED SHIPS

SOURCE - ETHIOPIAN SHIPPING LINES CORPORATION

TABLE H12 - FREIGHT CARRIED BY ETHIOPIAN SHIPPING LINES

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	
1986/87	12	54368	227088	281456	95122	165627	260749	542205
1987/88	12	53671	324757	378428	97660	190715	288375	666803
1988/89	12	81105	248308	329413	83195	215498	298693	628106
1989/90	13	80994	229275	310269	48685	187672	236357	546626
1990/91	12	80030	184704	264734	-	101759	101759	366493

*YEAR ENDING JULY 7

**EXCLUDING CHARTERED SHIPS

SOURCE :- ETHIOPIAN SHIPPING LINES CORPORATION

TABLE H13 - FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES CORPORATION

IN '000 BIRR

YEAR*	REVENUE BY SOURCE CARGO LIFTING	EXPENDITURE BY PURPOSE OPERATING AND OVERHEAD COSTS
1986/87	105944	104965
1987/88	144047	140090
1988/89	153099	148313
1989/90	133732	127605
1990/91	114188	103494

*YEAR ENDING JULY 7

SOURCE :- ETHIOPIAN SHIPPING LINES CORPORATION

AVIATION

The physical feature of Ethiopia is characterized by mountains, steep and deep gorges subjecting the construction of all weather road networks to be limited. In such situations air transport is of vital importance. Besides air transport is the fastest of all modes of transport which makes it indispensable for a speedy travel. All these complement to the fact that this mode of transport has a part in the socio-economic development of Ethiopia.

Data on the number of persons employed, passengers carried, aircraft landings and take-offs, type of airports and aircraft, volume of cargo carried and financial operations of the Civil Aviation and Ethiopian Air Lines are presented in this part of the bulletin.

The Civil Aviation Authority had a staff of 1028 in 1990/91. The Authority administered 19 domestic and 3 international airports i.e., Bole in Addis Ababa, Yohannes IV in Asmera and Yilma Aba Tena in Dire Dawa in the same year.

In 1990/91 eleven types of aircraft belonging to 10 airlines landed at Bole. The frequency of landings of the aircrafts of these ten airlines totaled to 54 per month. This is a 22.7 percent increase as compared to the previous year. About Birr 10.0 million in service charge was collected by the Civil Aviation Authority from the airlines (including Ethiopian).

The number of scheduled international aircraft landings and take-offs at Bole decreased from 5534 in 1989/89 to 5211 in 1990/91. Referring to international traffic at Bole, passengers arriving and departing have increased in number significantly. The volume of increase from 270448 to 493544 for the same period showing a rise of 82.5 percent drives one to doubt the figure. International cargo handled at Bole showed a difference of only 4

tons from 15467 in 1989/90 to 15471 in 1990/91. In the contrary domestic cargo exhibited a staggering downfall, i.e., from 16291 tons in 1989/90 to only 333 tons in 1990/91. Similarly domestic mail traffic handled went down from 83 to just 15 tons - by 81.9 percent in the period under review.

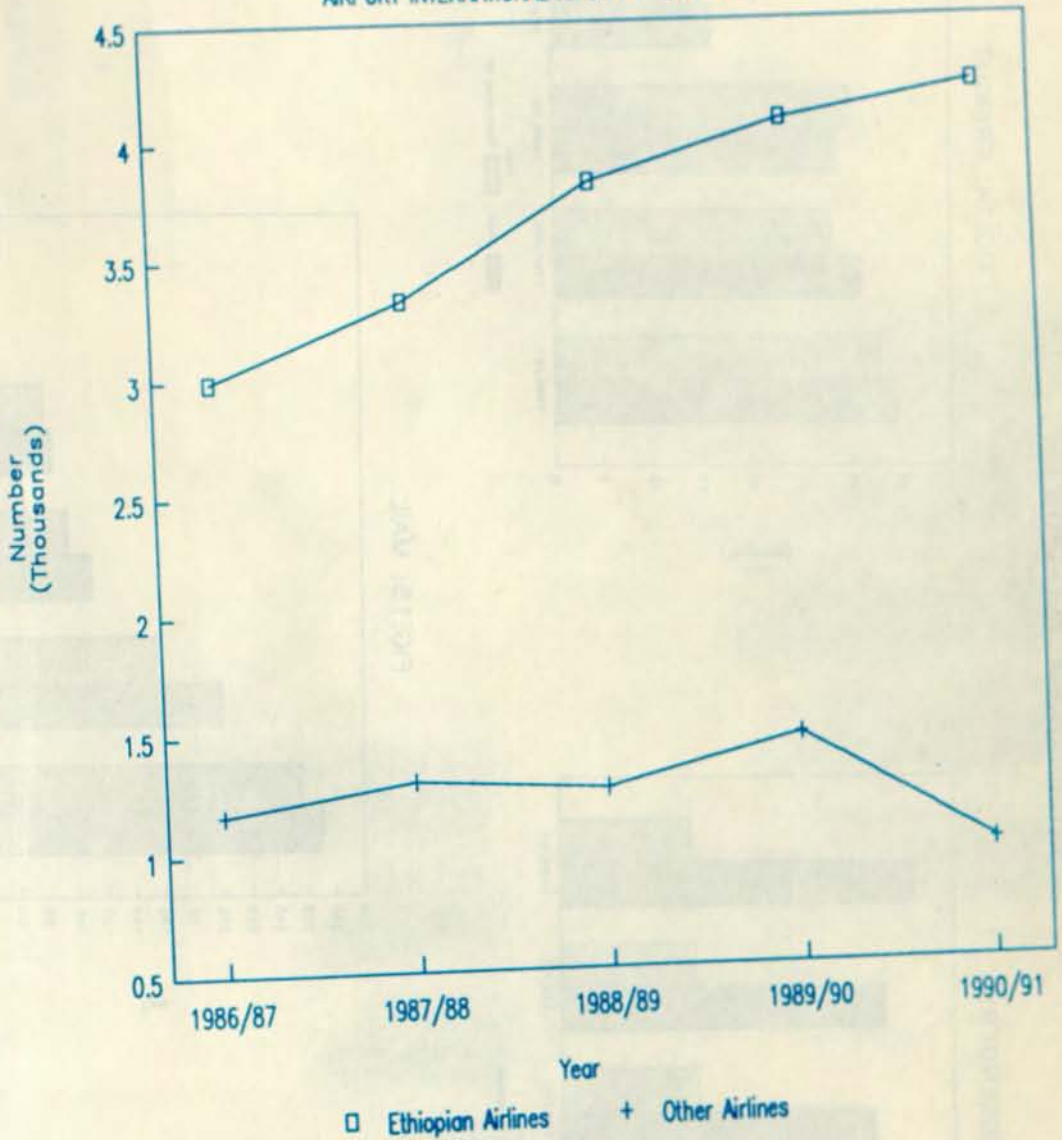
In 1990/91 the number of scheduled and unscheduled aircraft passes through Ethiopia's air space reached 16386, enabling the Civil Aviation Authority to collect Birr 2.4 million in service charge. Number of aircraft passes through Ethiopia's air space is shown in Table A29.

The national carrier Ethiopian Air Lines, had 3421 employees in 1990/91, 12.6 percent of which were stationed abroad. The number of foreign employees was 327, i.e., 9.6 percent of the total employees. Female employees accounted for 20.2 percent of the company's work force.

The Ethiopian's share in the international traffic handled at Bole is shown in Table A10. Tables A16-A29 deal with the activities of the Ethiopian Air Lines. Revenue of the airline has increased significantly from Birr 562 million in 1989/90 to Birr 643 million in 1990/91. Likewise expenditure of the airline has shown an increment of 22.2 percent over the previous year, i.e., from Birr 478 million in 1989/90 to Birr 584 million in 1990/91. Nevertheless the company has made a profit of Birr 59 million in 1990/91.

Air distance between major airports in Ethiopia are indicated in Table A28.

Fig.12: TRAFFIC AT BOLE INTERNATIONAL
AIRPORT INTERNATIONAL AIRCRAFT MOVEMENT



DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) AND YOHANNES IV (ASMARA)
INTERNATIONAL AIR PORTS

FIG.13: PASSENGERS

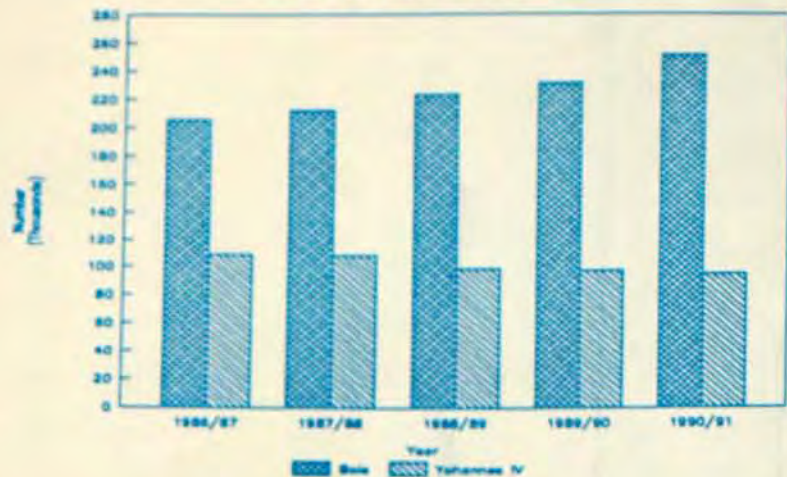


FIG.14: FREIGHT

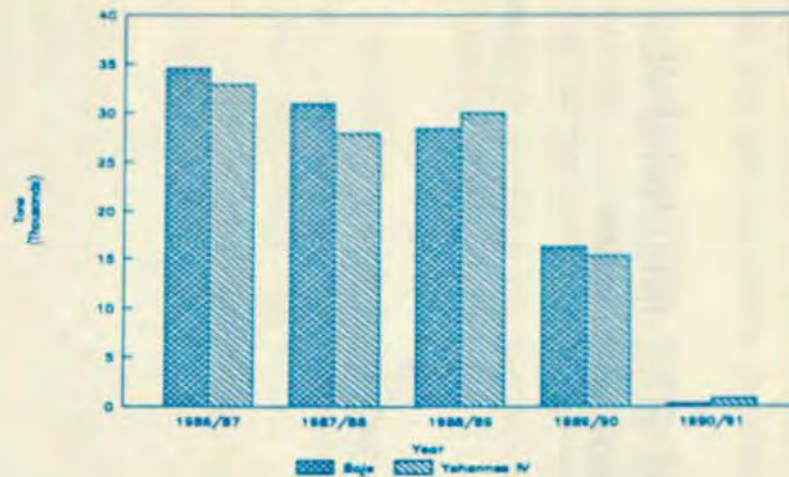
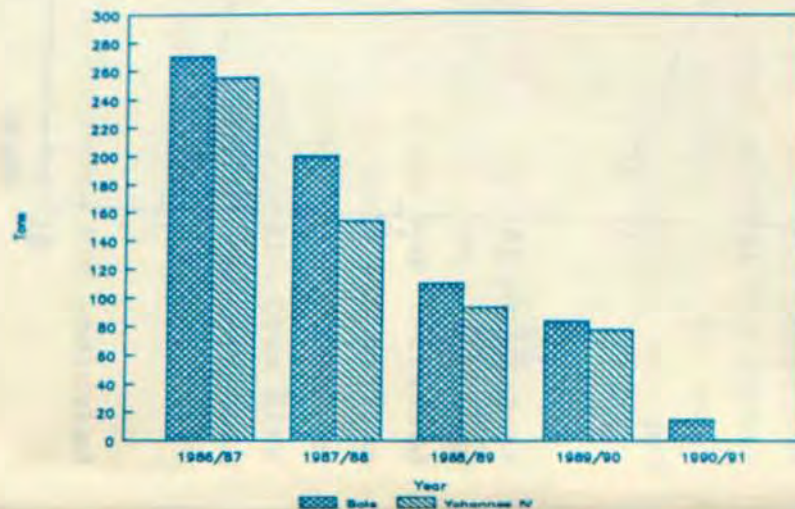


FIG.15: MAIL



INTERNATIONAL TRAFFIC BY CARRIER AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT

FIG.16: PASSENGERS

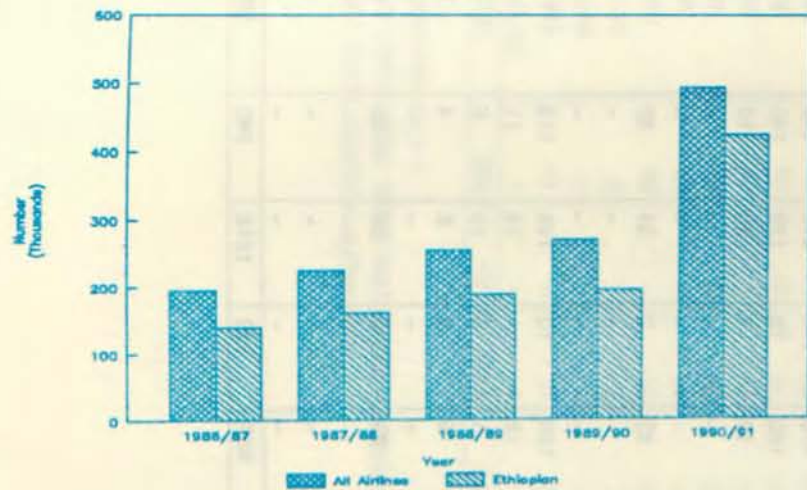


FIG.17: FREIGHT

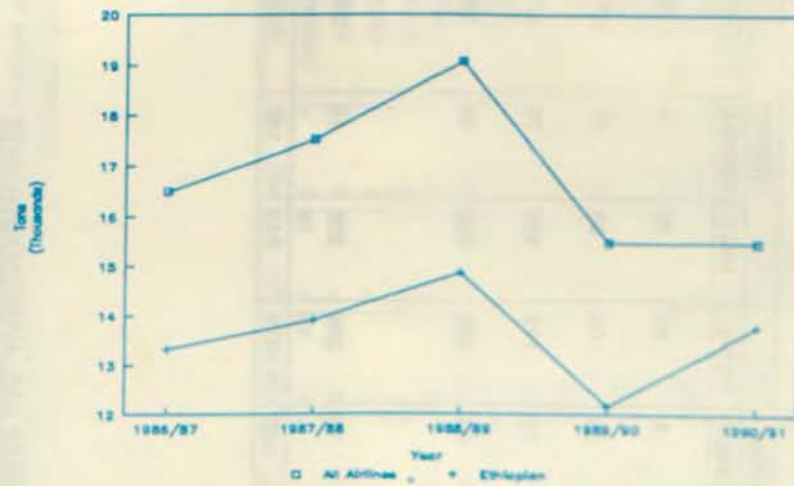
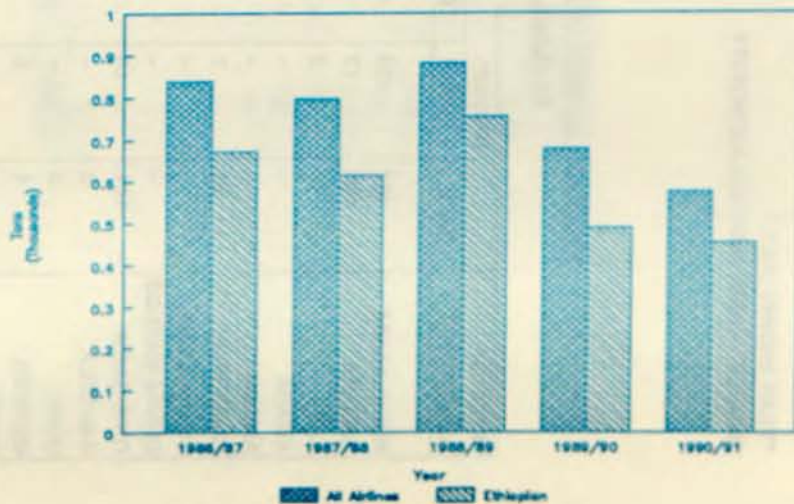


FIG.18: MAIL



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

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	77	6	83	76	6	82
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	81	23	104	90	21	111
3. CLERICAL AND RELATED PERSONNEL	105	72	177	102	70	172
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	324	62	386	330	69	399
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	230	19	249	226	19	245
7. OTHERS	19	-	19	19	-	19
TOTAL	836	182	1018	843	185	1028

*YEAR ENDING JULY 7

SOURCE :- CIVIL AVIATION AUTHORITY

**TABLE A2:- NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY
BY PLACE OF ASSIGNMENT AND SEX**

PLACE OF ASSIGNMENT	1988/89*			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADDIS ABABA	487	139	626	476	139	615	493	150	643
ASMARA	155	17	172	160	18	178	140	14	154
ASEB	17	2	19	18	2	20	16	2	18
AWASA	-	-	-	-	-	-	-	-	-
AWASH	-	-	-	-	-	-	-	-	-
BAHIR DAR	30	1	31	32	2	34	32	2	34
COMBOLCHA	-	-	...	-	-	-	-	-	-
DEBRE MARKOS	-	-	...	-	-	-	-	-	-
DIRE DAWA	101	10	111	105	10	115	119	11	130
GAMBELA	3	-	3	12	-	12	11	-	11
GOBA	3	-	3	5	5	10	5	-	5
GONDER	4	3	7	5	3	8	4	3	7
GORE	-	-	-	-	-	-	-	-	-
JIMA	23	3	26	23	3	26	23	3	26
NEKEMTE	-	-	-	-	-	-	-	-	-
MITSIWA	-	-	-	-	-	-	-	-	-
MEKELE	-	-	-	-	-	-	-	-	-
TOTAL	823	175	998	836	182	1018	843	185	1028

*YEAR ENDING JULY 7

SOURCE :- CIVIL AVIATION AUTHORITY

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

SALARY GROUP (BIRR)	1986/87*			1987/88*			1988/89*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	34	13	47	50	18	68	47	18	65
150-249	203	63	266	113	32	145	133	43	176
250-349	135	39	174	188	51	239	192	55	247
350-449	132	15	147	122	23	145	141	21	162
450-549	120	24	144	134	25	159	104	15	119
550-649	63	6	69	64	19	83	67	16	83
650-749	51	7	58	52	1	53	46	1	47
750-849	17	-	17	43	5	48	44	5	49
850-949	15	-	15	17	1	18	14	1	15
950-1049	8	-	8	22	-	22	18	-	18
1050-1149	1	-	1	-	-	-	2	-	2
1150-1249	1	-	1	-	-	-	-	-	-
1250-1349	3	-	3	13	-	13	11	-	11
1350 & above	1	-	1	1	-	1	1	-	1
TOTAL	784	167	951	819	175	994	820	175	995

TABLE A3:- (CONT'D)

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	46	20	66	51	21	72
150-249	144	43	187	149	43	192
250-349	195	59	254	220	64	284
350-449	141	21	162	125	18	143
450-549	106	16	122	101	15	116
550-649	67	16	83	67	5	72
650-749	46	1	47	41	12	53
750-849	44	5	49	43	6	49
850-949	14	1	15	14	1	15
950-1049	19	-	19	19	-	19
1050-1149	2	-	2	2	-	2
1150-1249	-	-	-	-	-	-
1250-1349	11	-	11	10	-	10
1350 & above	1	-	1	1	-	1
TOTAL	836	182	1018	843	185	1028

*YEAR ENDING JULY 7

**THREE EMPLOYEES WERE NOT PAID BY CIVIL AVIATION AUTHORITY

SOURCE :- CIVIL AVIATION AUTHORITY

TABLE A4:- CAPITAL EXPENDITURE BY TYPE AND LOCATION

IN '000 BIRR

YEAR*	LOCATION	TYPE			TOTAL
		NEW	MAINTENANCE	EXPANSION	
1986/87	ADDIS ABABA	1574	10180	2	11756
	ASMARA	284	-	-	284
	DIRE DAWA	26	5000	-	5026
	OTHERS	23671	-	-	23671
	TOTAL	25555	15180	2	40737
1987/88	ADDIS ABABA	2834	2379	74	5287
	ASMARA	73	-	-	73
	DIRE DAWA	28	5393	78	5499
	OTHERS	2644	734	-	3378
	TOTAL	5579	8506	152	14237
1988/89	ADDIS ABABA	2125	65	94	2284
	ASMARA	320	322	152	794
	DIRE DAWA	96	2638	-	2734
	OTHERS	640	599	-	1239
	TOTAL	3181	3624	246	7051
1989/90	ADDIS ABABA	806	513	4611	5930
	ASMARA	339	-	25	364
	DIRE DAWA	367	-	-	367
	OTHERS	3795	272	-	4067
	TOTAL	5307	785	4636	10728
1990/91	ADDIS ABABA	1058	570	-	1628
	ASMARA	-	-	-	-
	DIRE DAWA	423	-	-	423
	OTHERS	223	78	-	301
	TOTAL	1704	648	-	2352

*YEAR ENDING JULY 7

SOURCE :- CIVIL AVIATION AUTHORITY

TABLE A5:- SCHEDULED INTERNATIONAL AIR SERVICES OPERATED TO BOLE (ADDIS ABABA) INTERNATIONAL AIR PORT BY TYPE OF AIR LINES, AIR CRAFT AND SERVICE CHARGE

SR. NO.	1989/90*			
	AIRLINES	AIR CRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AIR DJIBOUTI	B-737, DC-9	8	95312.9
2	AEROFLOT	IL-62	4	100154.0
3	ALITALIA	A-300, DC-8	8	186351.5
4	ALYEMDA	B-737	4	47572.7
5	CHINA	B-707	4	75099.8
6	ETHIOPIAN AIRLINES	B-767, B-707C, B-727, B-737	-	6538933.7
7	KENYA AIR WAYS	B-707, B-720, DC-9	8	139454.2
8	LUFTHANSA	A-303, DC-8	4	350730.5
9	YEMEN AIR WAYS	B-727	4	57859.8
10	SUDAN AIR WAYS	A-300, B-737	-	158439.2
	TOTAL		44	7749908.1

TABLE A5:- (CONT'D)

SR. NO.	1990/91*			
	AIRLINES	AIR CRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AIR DJIBOUTI	DC-9	8	126923.7
2	AEROFLOT	IL-62	4	131707.1
3	ALITALIA	A-300, DC-9, MD-8	8	134343.4
4	ALYEMDA	B-737, DHC-7	4	25680.5
5	CHINA	B-707	2	52302.0
6	ETHIOPIAN AIRLINES	B-767, B-757, B-707, B-727, B-737, DC-8, ATR-42	-	8704456.0
7	KENYA AIR WAYS	A-310, B-720, B-707, B-757, A-300	8	187685.1
8	LUFTHANSA	A-310, A-300	8	411236.2
9	YEMEN AIR WAYS	B-727, B-737	4	83983.9
10	SUDAN AIR WAYS	A-300, B-737	8	140525.9
	TOTAL		54	9998843.8

C- FREIGHT ONLY

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A6 - LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE

			1989/90*
SR NO	AIRPORT	ADMINISTRATIVE REGION	TYPE
01	ADDIS ABABA	ADDIS ABABA	INTERNATIONAL
02	ASMARA	ERITREA	"
03	DIRE DAWA	HARERGE	"
04	ASEB	ASEB	DOMESTIC
05	ASOSA	ASOSA	"
06	BAHIR DAR	GOJAM	"
07	BEICA	WELEGA	"
08	DEMBIDOLLO	WELEGA	"
09	DESE	WOLO	"
10	GAMBELA	ILUBABOR	"
11	GOBA	BALE	"
12	GORE	ILUBABOR	"
13	GONDER	GONDER	"
14	HUMERA	"	"
15	JIMA	ILUBABOR	"
16	MAJI	KEFA	"
17	MEKANESELAM	WELO	"
18	METEMA	GONDER	"

TABLE A6 (CONT'D) 1990/91*

SR NO	AIRPORT	ADMINISTRATIVE REGION	TYPE
01	ADDIS ABABA	ADDIS ABABA	INTERNATIONAL
02	DIRE DAWA	DIRE DAWA	"
03	ASMARA	ERITREA	"
04	BAHIR DAR	WESTERN GOJAM	DOMESTIC
05	ASSAB	ASSAB	"
06	GONDER	GONDER(NORTH)	"
07	MEKELE	TIGRAY	"
08	JIMMA	ILLUBABOR	"
09	GODIE	OGADIEN	"
10	DESSIE	WOLLO(SOUTH)	"
11	GAMBELLA	GAMBELLA	"
12	JINKA	SOUTH OMO	"
13	AXUM	TIGRAY	"
14	ASSOSA	ASSOSA	"
15	BEICA	WELLEGA	"
16	DEMBIDOLLO	WELLEGA	"
17	GAMBELLA	GAMBELLA	"
18	GOBA	BALE	"
19	GORE	ILUBABUR	"
20	MAJI	KEFA	"
21	MEKANESELAM	WOLO	"
22	METEMA	GONDER	"

NOTE: - THERE WERE ALSO SOME 20 AIRFIELDS WHICH SERVED LESS THAN 1000 PASSENGERS DURING THE YEAR

*YEAR ENDING JULY 7

SOURCE: - CIVIL AVIATION AUTHORITY

TABLE A7:- INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIR PORTS
1988/89*

AIR PORT (NAME)	AIR CRAFT MOVEMENT											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	2558	2508	5066	222	219	441	169	149	318	2949	2876	5825
YILMA ABA TENA DEJ.(DIRE DAWA)	364	360	724	16	21	37	8	10	18	388	391	779
YOHANES IV(ASMARA)	135	159	294	3	29	32	13	12	25	151	200	351
TOTAL	3057	3027	6084	241	269	510	190	171	361	3488	3467	6955

TABLE A7:- (CONT'D) 1989/90*

AIR PORT (NAME)	AIR CRAFT MOVEMENT											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	2781	2753	5534	177	144	321	229	206	435	3187	3103	6290
YILMA ABA TENA DEJ.(DIRE DAWA)	459	453	912	7	9	16	3	3	6	469	465	934
YOHANES IV(ASMARA)	143	178	321	15	25	40	11	10	21	169	213	382
TOTAL	3383	3384	6767	199	178	377	243	219	462	3825	3781	7606

TABLE A7:- (CONT'D) 1990/91*

AIR PORT (NAME)	AIR CRAFT MOVEMENT											
	SCHEDULED			NON-SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	2606	2605	5211	234	235	469	314	259	573	3154	3099	6253
YILMA ABA TENA DEJ.(DIRE DAWA)	562	563	1125	11	12	23	23	202	225	770	777	1547
YOHANES IV(ASMARA)	15	15	30	10	11	21	21	53	74	26	79	105
TOTAL	3183	3183	6366	255	258	513	358	514	872	3950	3955	7905

*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 AIR PORT DOMESTIC TRAFFIC SCHEDULED

YEAR*	AIR CRAFT MOVEMENT	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	3678	106679	98740	205419	12782	21738	34520	62	208	270
1987/88	3805	109561	102396	211957	11812	19160	30972	47	153	200
1988/89	6423	113878	109183	223041	11068	17346	28414	29	81	110
1989/90	6320	118570	112006	230576	6944	9347	16291	30	53	83
1990/91	5016	132450	118446	250896	132	201	333	6	9	15

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A9 - BOLE (ADDIS ABABA) INTERNATIONAL AIR PORT INTERNATIONAL TRAFFIC SCHEDULED

YEAR*	AIR CRAFT MOVEMENT	PASSENGERS				FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	4157	94735	100556	...	195291	10774	5727	16501	589	248	837
1987/88	4619	109933	115013	...	224946	10927	6583	17510	573	224	797
1988/89	5066	124870	130514	...	255384	12055	7016	19071	636	245	881
1989/90	5534	128687	141761	...	270448	9223	6244	15467	529	148	677
1990/91	5211	234291	254131	5122	493544	9022	6449	15471	353	221	574

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A10 - BOLE (ADDIS ABABA) INTERNATIONAL AIR PORT INTERNATIONAL TRAFFIC BY CARRIER SCHEDULED

YEAR*	AIR CRAFT MOVEMENT	ETHIOPIAN AIR LINES								
		PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	2990	67267	71891	139158	8530	4796	13326	433	239	672
1987/88	3323	78066	82600	160666	8355	5544	13899	401	214	615
1988/89	3814	92355	96719	189074	9088	5789	14857	525	230	755
1989/90	4070	92863	102577	195240	7041	5117	12158	351	136	487
1990/91	4217	203510	220841	424351	7892	5882	13774	248	205	453

TABLE A10 (CONT'D)

YEAR*	AIR CRAFT MOVEMENT	OTHER AIR LINES								
		PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	1167	27468	28665	56133	2243	932	3175	156	9	165
1987/88	1296	31867	32413	64280	2572	1009	3581	172	10	182
1988/89	1252	32515	33795	66310	2968	1247	4215	111	15	126
1989/90	1464	36024	39184	75208	2182	1127	3309	178	12	190
1990/91	994	30781	33290	64071	1130	567	1697	106	16	122

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A11:- YOHANNES IV (ASMARA) INTERNATIONAL AIR PORT DOMESTIC TRAFFIC
SCHEDULED

YEAR*	AIR CRAFT MOVEMENT	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	1457	54580	54168	108748	22400	10516	32916	200	55	255
1987/88	1727	52414	55599	108013	19666	8273	27939	111	43	154
1988/89	3096	52076	46154	98230	19296	10660	29976	69	24	93
1989/90	2176	46144	50723	96867	8846	6500	15346	50	27	77
1990/91	877	39953	54155	94108	508	306	814	-	0.7	0.7

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A12:- YOHANNES IV (ASMARA) INTERNATIONAL AIR PORT INTERNATIONAL TRAFFIC
SCHEDULED

YEAR*	AIR CRAFT MOVEMENT	PASSENGERS				FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	281	3946	4991	...	8937	333	112	445	16	1	17
1987/88	354	5260	6641	...	11921	562	58	620	3	1	4
1988/89	294	4373	4116	...	8489	939	51	990	2	-	2
1989/90	321	3309	4821	...	8130	861	37	898	-	1	1
1990/91	30	-	153	...	153	300	98	398	-	-	-

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A13:- ASEB DOMESTIC AIRPORT DOMESTIC TRAFFIC SCHEDULED

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	...	5412	5281	10693	59	17	76	...	2	2
1987/88	...	5344	5144	10488	93	20	113	4	3	7
1988/89	...	6085	5448	11533	176	15	191	2	2	4
1989/90	...	8205	7211	15416	251	22	273	3	3	6
1990/91	669	6515	5039	11554	70	12	82	1.81	1.87	3.48

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A14:- DEJ. YIELMA A TENA (DIRE DAWA) INTERNATIONAL AIR PORT DOMESTIC TRAFFIC SCHEDULED

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	...	37128	43603	80731	697	1517	2214	34	22	56
1987/88	...	41565	38892	80457	364	1007	1371	1	-	1
1988/89	...	34602	40568	75170	406	493	899	2	1	3
1989/90	...	41073	44224	85297	217	323	540	-	2	2
1990/91	859	6840	8950	15790	8	1397	1405	-	-	-

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A15:- DEJ. YIELMA A TENA (DIRE DAWA) INTERNATIONAL AIR PORT INTERNATIONAL TRAFFIC SCHEDULED

YEAR*	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1986/87	...	3229	9477	12706	655	2867	3522	22	-	22
1987/88	...	3350	6312	9662	182	2648	2830	-	-	-
1988/89	...	2269	2843	5112	19	1048	1067	-	-	-
1989/90	...	3046	4273	7319	9	1066	1075	-	-	-
1990/91	1125	6840	8950	15790	8	1397	1405	-	-	-

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

**TABLE A16 - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	193	9	202	72	2	74
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	190	35	225	316	44	360
3. CLERICAL AND RELATED PERSONNEL	540	190	730	515	220	735
4. SALES WORKERS	355	95	450	302	150	452
5. SERVICE WORKERS	250	250	500	400	250	650
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1193	50	1243	1125	25	1150
7. OTHERS	-	-	-	-	-	-
TOTAL	2721	629	3350	2730	691	3421

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN AIRLINES

**TABLE A17: - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY ADMINISTRATIVE
REGION AND SEX**

ADMINISTRATIVE REGION	1986/87*			1987/88*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	-	-	-	-	-	-
BALE	10	-	10	9	-	9
ERITREA	93	11	104	79	11	90
ASEB ADMIN.	6	-	6	6	-	6
GAMO GOFA	3	-	3	3	-	3
GOJAM	9	-	9	10	-	10
GONDER	18	-	18	18	-	18
HARERGE	45	3	48	44	3	47
ILUBABOR	3	-	3	3	-	3
KEFA	19	-	19	17	-	17
SIDAMO	1	-	1	1	-	1
SHEWA	2345	487	2832	2309	486	2795
TIGRAY	16	-	16	14	-	14
WELEGA	8	-	8	8	-	8
WELO	9	-	9	14	-	14
TOTAL	2585	501	3086	2535	500	3035

TABLE A17: - (CONT'D)

ADMINISTRATIVE REGION	1988/89*			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	-	-	-	-	-	-	-	-	-
BALE	9	-	9	9	-	9	6	-	6
ERITREA	74	11	85	51	11	62	74	11	85
ASEB ADMIN.	6	-	6	6	-	6	-	-	-
GAMO GOFA	3	-	3	3	-	3	2	-	2
GOJAM	9	-	9	10	-	10	9	-	9
GONDER	15	-	15	14	-	14	13	-	13
HARERGE	45	3	48	48	3	51	40	3	43
ILUBABOR	4	-	4	4	-	4	3	-	3
KEFA	17	-	17	17	-	17	17	-	17
SIDAMO	1	-	1	1	-	1	1	-	1
SHEWA	2270	467	2737	2163	518	2681	2221	559	2780
TIGRAY	12	-	12	11	-	11	10	-	10
WELEGA	6	-	6	6	-	6	6	-	6
WELO	14	-	14	14	-	14	15	-	15
TOTAL	2485	481	2966	2357	532	2889	2417	573	2990

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN AIRLINES

TABLE A18: - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY PLACE OF ASSIGNMENT AND SEX

YEAR*	IN ETHIOPIA						TOTAL
	ETHIOPIANS			FOREIGNERS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1986/87	2582	501	3083	3	-	3	3086
1987/88	2524	500	3024	11	-	11	3035
1988/89	2460	497	2957	9	-	9	2966
1989/90	2378	532	2910	15	4	19	2929
1990/91	2417	573	2990	-	-	-	2990

TABLE A18: - (CONT'D)

YEAR*	ABROAD						TOTAL	GRAND TOTAL
	ETHIOPIANS			FOREIGNERS				
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		
1986/87	95	14	109	203	92	295	404	3490
1987/88	99	13	112	202	103	305	417	3452
1988/89	92	15	107	217	104	321	428	3394
1989/90	102	15	117	226	78	304	421	3350
1990/91	88	16	104	225	102	327	431	3421

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN AIRLINES

TABLE A19: - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY CONTINENT AND SEX

CONTINENT	1986/87*			1987/88*			1988/89*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2758 (2585)	556 (511)	3314 (3086)	2709 (2535)	560 (501)	3269 (3035)	2648 (2469)	557 (497)	3205 (2966)
NORTH AND SOUTH AMERICA	3	9	12	3	9	12	5	9	14
ASIA AND MIDDLE EAST	46	13	59	45	13	58	47	13	60
EUROPE	76	29	105	79	34	113	78	37	115
GRAND TOTAL	2883	607	3490	2836	616	3452	2778	616	3394

TABLE A19: - (CONT'D)

CONTINENT	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2561 (2357)	584 (532)	3145 (2889)	2600 (2417)	633 (573)	3233 (2990)
NORTH AND SOUTH AMERICA	16	6	22	11	7	18
ASIA AND MIDDLE EAST	52	9	61	50	13	63
EUROPE	92	30	122	89	38	107
GRAND TOTAL	2721	629	3350	2730	691	3421

*YEAR ENDING JULY 7

**INCLUDING ETHIOPIA

SOURCE: - ETHIOPIAN AIRLINES

TABLE A20: - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES
BY SALARY GROUP, NATIONALITY AND SEX

SALARY GROUP (BIRR)	1989/90*						GRAND TOTAL
	ETHIOPIANS			FOREIGNERS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	-	-	-	1	-	1	1
150-249	1	1	2	-	-	-	2
250-349	171	9	180	2	2	4	184
350-449	153	11	164	6	-	6	170
450-549	268	53	321	9	-	9	330
550-649	159	70	229	3	2	5	234
650-749	172	102	274	5	3	8	282
750-849	718	170	888	6	1	7	895
850-949	169	34	203	3	-	3	206
950-1049	144	29	173	-	-	-	173
1050-1149	34	6	40	2	1	3	43
1150-1249	145	9	154	3	1	4	158
1250-1349	71	9	80	5	2	7	87
1350-1449	32	4	36	6	1	7	43
1450-1549	26	2	28	-	3	3	31
1550 & above	286	38	324	121	66	187	511
TOTAL	2549	547	3096	172	82	254	3350

TABLE A20: - (CONT'D)

SALARY GROUP (BIRR)	1990/91*						GRAND TOTAL
	ETHIOPIANS			FOREIGNERS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	-	1	1	1	-	1	2
150-249	68	6	74	-	-	-	74
250-349	89	4	93	-	-	-	93
350-449	164	40	204	1	-	1	205
450-549	209	37	246	5	-	5	251
550-649	144	43	187	9	2	11	198
650-749	121	70	191	6	-	6	197
750-849	125	31	156	1	-	1	157
850-949	688	194	882	5	6	11	893
950-1049	123	24	147	6	2	8	155
1050-1149	70	26	96	3	2	5	101
1150-1249	91	17	108	3	-	3	111
1250-1349	37	8	45	3	2	5	50
1350-1449	10	2	12	-	-	-	12
1450-1549	118	9	127	3	2	5	132
1550 & above	431	73	504	196	90	286	790
TOTAL	2488	585	3073	242	106	348	3421

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN AIRLINES

TABLE A21:- NUMBER AND TYPE OF AIRCRAFT OF ETHIOPIAN AIRLINES USED FOR INTERNATIONAL AND DOMESTIC SERVICES

CATEGORY	TYPE OF AIRCRAFT	1986/87*			1987/88*			1988/89*		
		ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL
4 ENGINES	DOUGLAS DC-6A/B	-	-	-	-	-	-	-	-	-
	DC-6B	-	-	-	-	-	-	-	-	-
	INTERNATIONAL B707-320C	2	-	2	2	-	2	3	-	3
	STRATOLINER 720-B	3	-	3	1	-	1	-	-	-
	TOTAL	5	-	5	3	-	3	3	-	3
TRI ENGINES	BOEING 727-200	3	-	3	-	-	-	4	-	4
2 ENGINES	BOEING 737-200	-	2	2	1	1	2	1	-	1
	BOEING 767-260	2	1	3	3	-	3	3	-	3
	DOUGLAS DC-3/C-47	9	-	9	8	-	8	4	-	4
	LIGHT AIRCRAFT	-	-	-	4	-	4	16	-	16
	ATR-42	-	2	2	2	-	2	2	-	2
	DASH-5	2	-	2	2	-	2	1	-	1
	DASH-6	6	-	6	6	-	6	5	-	5
	TOTAL	22	5	27	26	1	27	36	-	36
	GRAND TOTAL	27	5	32	29	1	30	39	-	39

TABLE A21:- (CONT'D)

CATEGORY	TYPE OF AIRCRAFT	1989/90*			1990/91*		
		ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL
4 ENGINES	DOUGLAS DC-6A/B	-	-	-	-	-	-
	DC-6B	-	-	-	-	-	-
	INTERNATIONAL B707-320C	2	-	2	1	-	1
	STRATOLINER 720-B	-	-	-	-	-	-
	TOTAL	2	-	2	1	-	1
TRI ENGINES	BOEING 727-200	4	-	4	4	-	4
2 ENGINES	BOEING 737-200	1	-	1	1	-	1
	BOEING 767-260	3	-	3	3	-	3
	DOUGLAS DC-3/C-47	-	-	-	-	-	-
	LIGHT AIRCRAFT	15	-	15	15	-	15
	ATR-42	2	-	2	2	-	2
	DASH-5	1	-	1	1	-	1
	DASH-6	5	-	5	5	-	5
	TOTAL	31	-	31	31	-	31
	GRAND TOTAL	33	-	33	32	-	32

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN AIRLINES

TABLE A22 - DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS
1986/87*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	4045	38063	33580	1028	22508	99224
ASE		3841	-	1448	-	-	-	5289
ASM		38706	1260	-	448	-	13586	54000
DIR		39950	-	608	-	-	3396	43954
JIM		1402	-	-	-	-	2289	3691
OTHERS		22671	-	11358	1548	2534	26830	64941
TOTAL		106570	5305	51477	35576	3562	68609	271099

TABLE A22 (CONT'D), 1987/88*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	4348	38148	31410	1518	26972	102396
ASE		4291	-	967	-	-	107	5365
ASM		39785	954	-	398	-	14452	55589
DIR		36181	-	464	-	-	2251	38896
JIM		1897	-	-	-	-	2736	4633
OTHERS		27387	104	13075	1857	2691	17742	62856
TOTAL		109541	5406	52654	33665	4209	64260	269735

TABLE A22 (CONT'D), 1988/89*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	5332	40908	35550	1669	27226	110685
ASE		4779	-	612	-	-	70	5461
ASM		42688	573	-	5	-	15644	58910
DIR		39386	2	-	-	-	1223	40611
JIM		1821	-	-	-	-	2322	4143
OTHERS		24940	178	4666	977	2514	22433	55708
TOTAL		113614	6085	46186	36532	4183	68918	275518

TABLE A22 (CONT'D), 1989/90*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	6323	45827	42168	1405	23061	118784
ASE		7212	-	863	34	-	-	8109
ASM		41675	761	-	1	-	3708	46145
DIR		27153	67	-	-	-	1861	29081
JIM		1934	-	-	24	-	1727	3685
OTHERS		22169	70	4020	1994	2104	14692	45049
TOTAL		100143	7221	50710	44221	3509	45049	250853

TABLE A22 (CONT'D), 1990/91*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	9728	39522	33767	1984	19436	104437
ASE		7394	-	-	-	-	-	7394
ASM		50530	-	-	-	-	-	50530
DIR		36536	-	-	-	-	5829	42365
JIM		1842	-	-	-	-	1878	3720
OTHERS		19857	-	-	6002	1901	7086	34846
TOTAL		116159	9728	39522	39769	3885	34229	243292

*YEAR ENDING JUNE 30

N.B. ADD= ADDIS ABABA

ASE= ASEB

ASM= ASMARA

DIR= DIREDAWA

JIM= JIMA

SOURCE:- ETHIOPIAN AIRLINES

TABLE A23.- DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS 1986/87*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	49	22241	389	6	66	22751
ASE		8	-	9	-	-	-	17
ASM		11278	11	-	2	-	57	11348
DIR		1453	-	60	-	-	4	1517
JIM		6	-	-	-	-	13	19
OTHERS		32	-	111	4	-	10	157
TOTAL		12777	60	22421	395	6	150	35809

TABLE A23 (CONT'D), 1987/88*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	81	18048	364	5	116	18614
ASE		10	-	10	-	-	21	41
ASM		10011	10	-	23	-	78	10122
DIR		945	-	23	-	-	11	979
JIM		6	-	-	-	-	15	21
OTHERS		717	1	278	3	1	330	1330
TOTAL		11689	92	18359	390	6	571	31107

TABLE A23 (CONT'D), 1988/89*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	173	19103	324	8	75	19683
ASE		1	-	1	-	-	-	2
ASM		10547	1	-	-	-	132	10680
DIR		489	-	-	-	-	4	493
JIM		6	-	-	-	-	27	33
OTHERS		27	-	194	-	1	37	259
TOTAL		11070	174	19298	324	9	275	31150

TABLE A23 (CONT'D), 1989/90*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	22	6440	319	6	156	6943
ASE		250	-	-	-	-	1	251
ASM		8730	-	-	29	-	116	8875
DIR		211	-	1	-	-	1	213
JIM		9	-	-	-	-	-	9
OTHERS		194	-	59	4	19	115	391
TOTAL		9394	22	6500	352	25	389	16682

TABLE A23 (CONT'D), 1990/91*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	106028	348994	243272	5527	40292	744113
ASE		24483	-	-	-	-	-	24483
ASM		135693	-	-	-	-	-	135693
DIR		257778	-	-	-	-	16062	273840
JIM		6460	-	-	-	-	18839	25299
OTHERS		36249	-	-	117	578	362	37306
TOTAL		460663	106028	348994	243389	6105	75555	1240734

*YEAR ENDING JUNE 30

SOURCE - ETHIOPIAN AIRLINES

TABLE A24 - DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION
AND MAJOR AIRPORTS 1986/87*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	292	196801	3408	130	8157	208788
ASE		1767	-	143	-	-	-	1910
ASM		50814	194	-	-	-	4206	55214
DIR		6312	-	-	-	-	1461	7773
JIM		122	-	-	-	-	407	529
OTHERS		3311	-	-	3032	11	5307	11661
TOTAL		62326	486	196944	6440	141	19538	285875

TABLE A24 (CONT'D), 1987/88*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	3642	44692	299	37	13722	62392
ASE		1897	-	124	-	-	10	2031
ASM		14593	229	-	-	-	1894	16716
DIR		-	-	-	-	-	204	204
JIM		16	-	-	-	-	349	365
OTHERS		4154	-	2054	12	8	4507	10735
TOTAL		20660	3871	46870	311	45	20686	92443

TABLE A24 (CONT'D), 1988/89*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	-	68036	3043	9	6951	78039
ASE		2125	-	65	-	-	-	2190
ASM		22769	28	-	-	-	2468	25265
DIR		489	-	-	-	-	401	890
JIM		17	-	-	-	-	375	392
OTHERS		686	-	307	-	18	1580	2591
TOTAL		26086	28	68408	3043	27	11775	109367

TABLE A24 (CONT'D), 1989/90*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	2422	27171	771	7	-	30371
ASE		2656	-	61	-	-	62	2779
ASM		48767	37	-	-	-	1530	50334
DIR		96	-	-	-	-	280	376
JIM		24	-	-	-	-	53	77
OTHERS		-	22	314	1358	231	1750	3675
TOTAL		51543	2481	27546	2129	238	3675	87612

TABLE A24 (CONT'D), 1990/91*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	2864	30662	400	257	437	34620
ASE		2369	-	-	-	-	-	2369
ASM		18672	-	-	-	-	-	18672
DIR		341	-	-	-	-	2139	2480
JIM		415	-	-	-	-	458	873
OTHERS		176	-	-	538	116	62	892
TOTAL		21973	2864	30662	938	373	3096	59906

*YEAR ENDING JUNE 30

SOURCE: - ETHIOPIAN AIRLINES

TABLE A25: - REVENUE OF ETHIOPIAN AIRLINES BY SOURCE

IN MILLION BIRR

SOURCE	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
PASSENGERS	223	273	306	335	358
FREIGHT	77	79	82	79	72
CHARTER	25	44	48	78	148
MAIL	4	4	3	3	3
EXCESS BAGGAGE	16	14	17	23	23
COMMISSION	5	6	6	10	7
MISCELLANEOUS SERVICES	33	34	39	34	32
TOTAL	383	454	501	562	643

*YEAR ENDING JUNE 30

SOURCE: - ETHIOPIAN AIRLINES

TABLE A26 - EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE

PURPOSE	IN MILLION BIRR				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
SALARIES AND PENSION	43	44	47	48	54
TRAVEL EXPENSES	12	15	4	16	4
AVIATION GAS OIL	71	87	94	113	153
AIRCRAFT MATERIAL	12	17	11	10	13
HANDLING FEES OF AIRCRAFT AND LANDING	35	63	48	57	66
COMMISSION EXPENSES	28	37	40	60	47
ADVERTISING AND PUBLICITY	5	5	4	5	5
INSURANCE	17	17	17	10	28
DEPRECIATION	45	56	63	51	65
INTEREST EXPENSES-NET	23	33	38	33	35
SERVICE AND MISCELLANEOUS EXPENSES	67	68	101	109	7
OTHER NON-OPERATING ITEMS	(5)	(5)	(55)	(34)	107
TOTAL	358	442	467	478	584

*YEAR ENDING JUNE 30

SOURCE - ETHIOPIAN AIRLINES

TABLE A27 - ETHIOPIAN AIRLINES OPERATING STATISTICS

ITEM	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
AVERAGE-Km PER PASSENGER					
INTERNATIONAL	3049	3241	3319	3509	3556
DOMESTIC	417	424	472	494	537
AVERAGE	2062	2253	2454	2513	2713
REVENUE PASSENGER Km. ('000)					
INTERNATIONAL	1046829	1227453	1422082	1483125	1365807
DOMESTIC	87104	86690	106062	103117	108408
TOTAL	1133933	1314143	1528144	1586242	1474215
REVENUE FREIGHT CARRIED (TONS)					
INTERNATIONAL	20895	22488	24005	20098	15861
DOMESTIC	30875	26253	25041	12801	883
TOTAL	51770	48741	49046	32899	16744
REVENUE TON-Km ('000)					
INTERNATIONAL	62466	71139	75360	63406	63591
DOMESTIC	21392	17959	18224	9810	846
TOTAL	83858	89098	93584	73216	64437
REVENUE PLANE-Km ('000)	1816	23461	25205	12404	2685
PAYLOAD FACTOR (%)	49.2	56.3	56.1	54.8	59.6

*YEAR ENDING JUNE 30

SOURCE - ETHIOPIAN AIRLINES

TABLE A28:- AIR DISTANCE IN KILOMETERS BETWEEN MAJOR AIRPORTS IN ETHIOPIA

AIRPORTS	ASEB	BOLE	YILMA ABATENA (DIRE DAWA)	JIMA	YOHANNES IV
ASEB	-	617	394	872	471
BOLE	617	-	345	257	700
YILMA ABATENA (DIRE DAWA)	394	345	-	594	708
JIMA	872	257	594	-	1028
YOHANNES IV	471	700	708	1028	-

SOURCE:- ETHIOPIAN AIRLINES

TABLE A29:- NUMBER OF AIRCRAFT PASSES THROUGH
ETHIOPIA'S AIR SPACE

	1989/90*	
	NUMBER OF PASSES	SERVICE CHARGE IN BIRR
SCHEDULED	14001	2224189
UNSCHEDULED	2785	210624
TOTAL	16786	2434813

TABLE A29 (CONT'D)

	1990/91*	
	NUMBER OF PASSES	SERVICE CHARGE IN BIRR
SCHEDULED	12513	2255020
UNSCHEDULED	3873	179190
TOTAL	16386	2434210

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

COMMUNICATION
POSTAL SERVICE

Communication plays a part in cultural interaction of societies and in business and commerce. A perseverance to improve the postal service is an aspect of the overall expansion of communication infrastructures. The expansion of postal service in Ethiopia, however, has a long way to go as a big majority of the population yet do not have access to postal service.

The number of employees of the Postal Service Authority as given in Tables P1, P2 and P3 showed a small rise (1.0 percent) in 1990/91 over that of the preceding year. Female employees constituted 26.4 percent of the total work force. More than half of the employees were based in Addis Ababa in the same year.

Table P4 demonstrates the distribution of post offices in Ethiopia. The total number of post offices has been showing a small but steady increase for the past four years except for 1990/91 in which a drop of 0.3 percent in the number of post offices was observed as against a year before. In 1990/91 out of the total number of 921 post offices, 202 (22.0 percent) and 190 (20.6 percent) were in Kefa and Shewa, respectively. The number of post offices in Shewa in 1990/91 showed a fall of 3.1 percent over that of the previous year, while that of Addis Ababa remained the same. The number of post boxes, as depicted in Table P5, has been steadily increasing for the past three years. More than half of the post boxes were in Addis Ababa. The number of mail boxes (collection boxes) exhibited ups and downs in the years under discussion. In 1990/91 it showed a drop of 10.5 percent compared with that of the previous year, while there was a rise of 4 percent from 1988/89 to 1989/90.

The mail traffic in 1990/91, of which about fifty nine percent constituted domestic mail, exhibited a 10.0 percent increment,

that is from 34.3 million in 1989/90 to 37.7 million in 1990/91. Incoming and outgoing international mails accounted for 30.0 percent and 11.0 percent of the total mail traffic respectively, in 1990/91.

Table P7 shows the revenue of the Postal Service Authority. In 1990/91 the revenue fell slightly by 0.1 percent from that of the previous year. Out of the total revenue Birr 5.1 mill. (44.9 percent) and Birr 2.9 mill. (26.0 percent) were generated by sales of postage stamps and international mail, respectively.

Table P8 indicates the expenditure of the Authority. In 1989/90, the Authority cut down its outlays slightly by 3.4 percent from that of the year before. Most of the money, i.e. 51.8 percent of the total spending, was earmarked for salaries and wages. The postal service Authority has been performing its duties profitably.

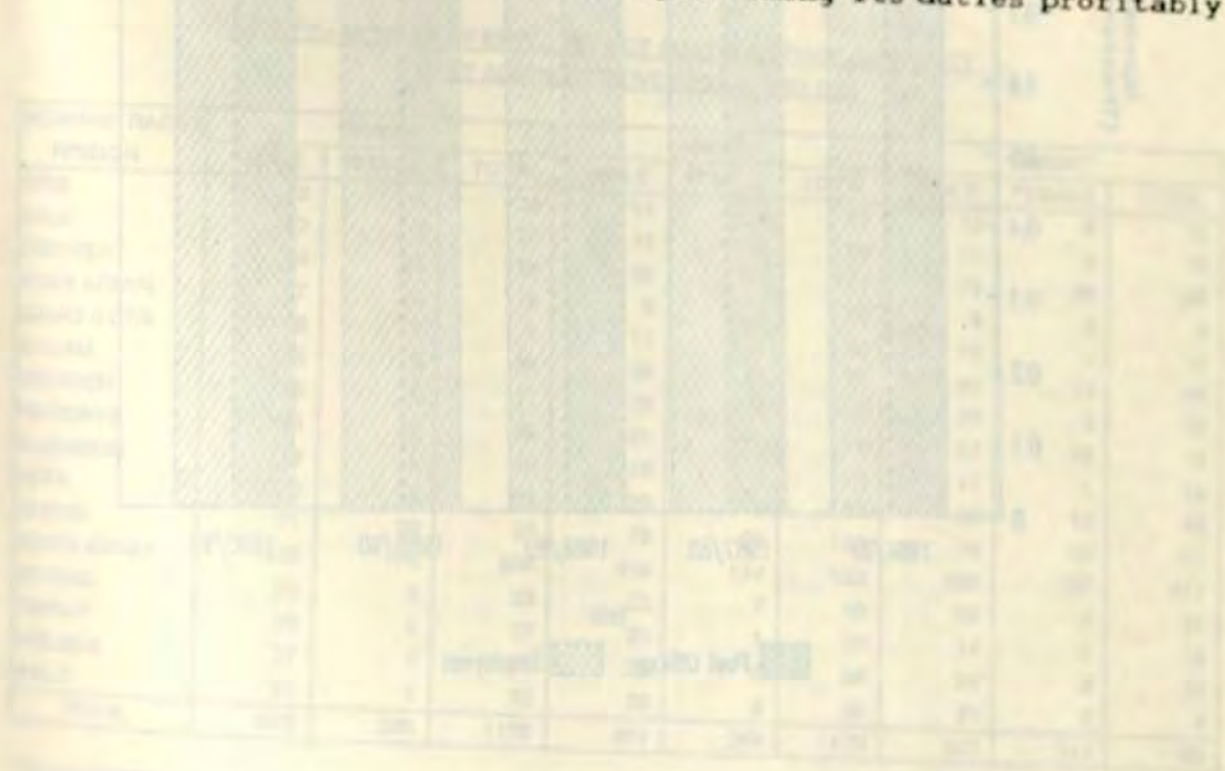


FIG.19: NUMBER OF POST OFFICES AND
EMPLOYEES IN ETHIOPIA

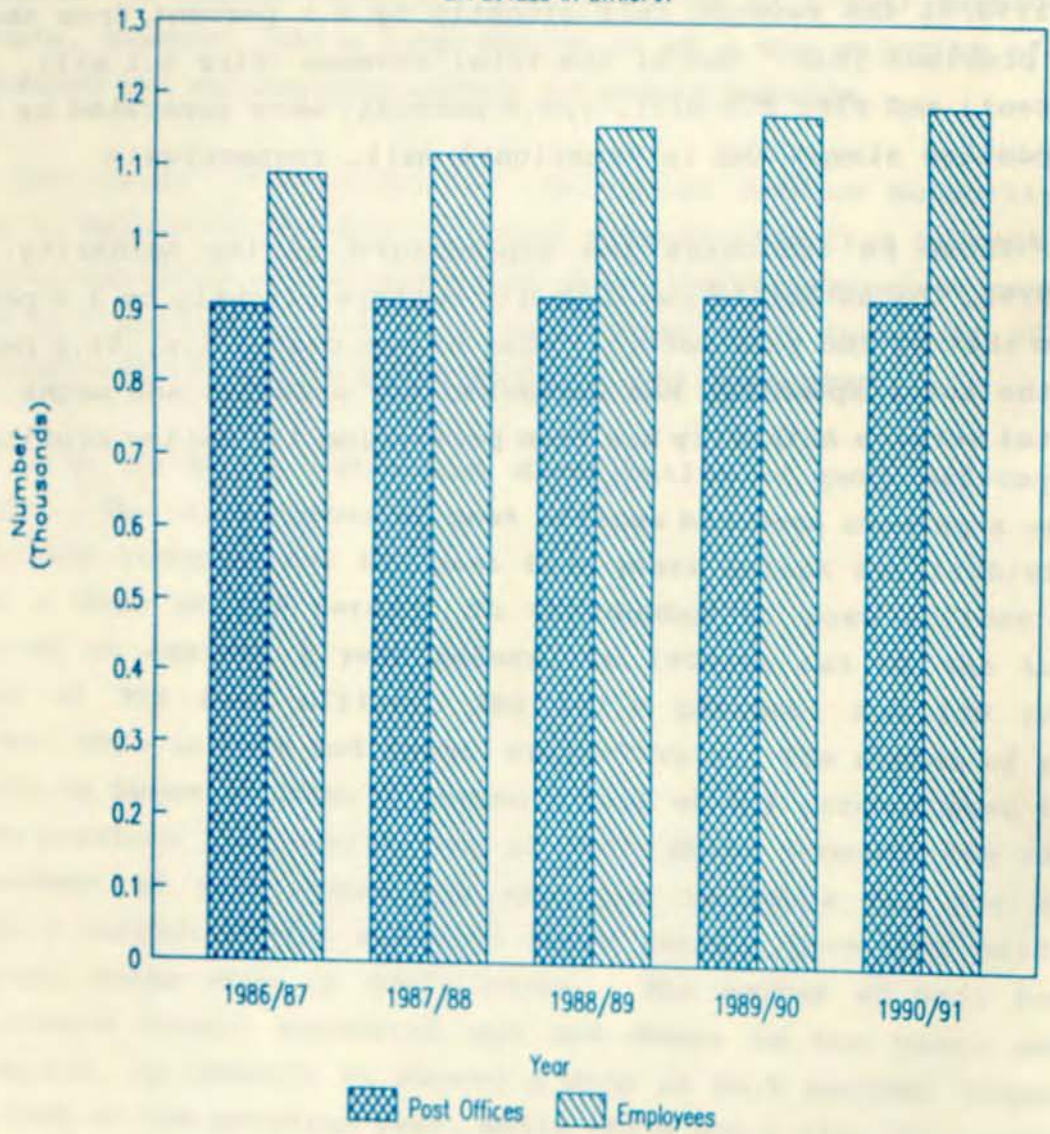


TABLE P1 - NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY
BY OCCUPATION AND SEX

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	69	9	78	67	9	76
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	47	14	61	47	13	60
3. CLERICAL AND RELATED PERSONNEL	370	167	537	365	176	541
4. SALES WORKERS	223	40	263	225	42	267
5. SERVICE WORKERS	76	68	144	72	72	144
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	89	1	90	96	1	97
7. OTHERS	-	-	-	-	-	-
TOTAL	874	299	1173	872	313	1185

*YEAR ENDING JULY 7

SOURCE: - POSTAL SERVICE AUTHORITY

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

ADMINISTRATIVE REGION	1988/89*			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	12	4	16	11	6	17	12	6	18
BALE	12	2	14	13	3	16	11	2	13
ERITREA	94	25	119	88	26	114	79	26	105
ASEB ADMIN.	7	2	9	8	2	10	6	2	8
GAMO GOFA	8	1	9	11	1	12	12	-	12
GOJAM	25	9	34	26	11	37	30	13	43
GONDER	16	5	21	20	6	26	20	6	26
HARERGE	63	13	76	61	15	76	57	15	72
ILUBABOR	19	-	19	18	-	18	17	1	18
KEFA	26	7	33	29	8	37	32	10	42
SHEWA	71	28	99	79	29	108	78	29	107
ADDIS ABABA	425	175	600	418	174	592	430	187	617
SIDAMO	20	3	23	23	7	30	24	7	31
TIGRAY	26	1	27	23	1	24	17	1	18
WELEGA	27	7	34	26	8	34	24	6	30
WELO	21	1	22	20	2	22	23	2	25
TOTAL	872	283	1155	874	299	1173	872	313	1185

*YEAR ENDING JULY 7

SOURCE: - POSTAL SERVICE AUTHORITY

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

SALARY GROUP (BIRRI)	1988/89*			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	141	38	179	155	45	200	121	46	167
150-249	286	137	423	289	146	435	245	116	361
250-349	144	66	210	138	66	204	171	82	253
350-449	128	13	141	124	13	137	146	39	185
450-549	88	23	111	87	22	109	96	20	116
550-649	55	3	58	51	3	54	65	4	69
650-749	12	2	14	13	2	15	10	4	14
750-849	14	-	14	14	1	15	15	1	16
850-949	-	-	-	-	-	-	-	-	-
950-1049	3	-	3	3	-	3	3	-	3
1050-1149	-	-	-	-	-	-	-	-	-
1150-1249	1	-	1	-	-	-	-	-	-
1250-1349	-	1	1	-	1	1	-	1	1
1350 & ABOVE	-	-	-	-	-	-	-	-	-
TOTAL	872	283	1155	874	299	1173	872	313	1185

*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

TABLE P4 - NUMBER OF POST OFFICES BY
ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	NUMBER OF POST OFFICES				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
ARSI	20	19	23	23	23
BALE	17	18	19	20	20
ERITREA	43	43	43	43	41
ASEB ADMIN	1	2	2	2	2
GAMO GOFA	16	21	16	17	17
GOJAM	47	47	50	57	55
GONDER	32	34	37	35	35
HARERGE	65	61	61	60	62
ILUBABOR	25	25	26	26	27
KEFA	204	206	199	199	202
SHEWA	207	212	224	196	190
ADDIS ABABA	39	38	40	40	40
SIDAMO	50	47	37	64	65
TIGRAY	23	23	23	23	23
WELEGA	44	45	46	44	43
WELO	75	75	75	75	76
TOTAL	908	916	921	924	921

*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

TABLE P5: - NUMBER OF MAIL AND POST BOXES BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1988/89*		1989/90*		1990/91*	
	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES
ARSI	18	1030	18	1030	9	1030
BALE	7	580	7	580	7	580
ERITREA	48	4699	48	4699	48	4699
ASEB ADMIN.	4	526	4	526	2	525
GAMO GOFA	5	360	5	360	10	360
GOJAM	11	1034	11	1034	9	1034
GONDER	6	1030	6	1030	4	1030
HARERGE	39	2407	38	2437	38	3270
ILUBABOR	9	680	13	580	31	580
KEFA	21	1383	22	1470	7	1470
SHEWA	42	4270	53	4808	46	5370
ADDIS ABABA	79	25127	79	25127	81	28177
SIDAMO	20	1680	18	1680	25	2039
TIGRAY	11	878	11	878	-	878
WELEGA	13	735	15	805	15	805
WELO	42	1496	42	1496	17	1496
TOTAL	375	47915	390	48540	349	53343

*YEAR ENDING JULY 7

SOURCE - POSTAL SERVICE AUTHORITY

TABLE P6: - NUMBER OF MAILS HANDLED BY TYPE OF MAIL TRAFFIC

MAIL TRAFFIC	NUMBER OF MAILS				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
DOMESTIC MAIL					
LETTERS	23253000	23770000	24013900	22983800	22106484
PARCELS	60700	30000	32100	25900	20500
TOTAL	23313700	23800000	24046000	23009700	22126984
INTERNATIONAL MAIL					
I. INCOMING INTERNATIONAL					
LETTERS	6004000	5117000	6216200	6109000	5136700
PARCELS	80400	95000	97900	89100	69100
TOTAL	6084400	5212000	6314100	6198100	11334800
II. OUTGOING INTERNATIONAL					
LETTERS	4700000	4150000	5285600	5089500	4265600
PARCELS	9300	13000	8400	7900	7000
TOTAL	4709300	4163000	5294000	5097400	4272600
GRAND TOTAL	34107400	33175000	35654100	34305200	37734384

*YEAR ENDING JULY 7

SOURCE: - POSTAL SERVICE AUTHORITY

**TABLE P7:- REVENUE OF POSTAL SERVICE AUTHORITY
BY SOURCE**

SOURCE	IN '000 BIRR		
	1988/89*	1989/90*	1990/91*
SALES OF POSTAGE STAMPS	5485.1	4743.4	5058.0
INCOME FROM INTERNATIONAL MAIL	2784.9	3134.9	2929.6
PARCEL POST RECEIPTS	827.0	817.5	807.2
POST BOX RENTALS AND KEY SALES	662.3	736.6	732.2
POSTAGE METER MACHINE MONEY AND POSTAL ORDER COMMISSION	1283.2	1134.1	976.3
NEWS PAPER COMMISSION	87.1	112.8	66.4
MISCELLANEOUS REVENUE	...	...	...
TOTAL	536.3	582.0	683.6
	11665.9	11261.3	11253.3

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

**TABLE P8:- EXPENDITURE OF POSTAL SERVICE AUTHORITY
BY PURPOSE**

PURPOSE	IN '000 BIRR		
	1988/89*	1989/90*	1990/91*
SALARIES AND WAGES	4460.3	4828.9	4727.0
CONVEYANCE OF MAIL	1088.0	719.5	685.4
DEPRECIATION	1123.1	1235.4	1500.0
PRINTING OF POSTAGE STAMPS	183.1	664.0	285.0
STORED ITEMS CONSUMED	162.6	1995.8	81.0
MISCELLANEOUS EXPENDITURE	2497.9	-	1840.4
TOTAL	9515.0	9443.6	9118.8

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

TELECOMMUNICATIONS

Telecommunications play important role in exchange of views and information among various sectors of socio-cultural and economic groups of societies. The Ethiopian Telecommunications Authority has been expanding its network within the country and to the rest of the world. The progress made in this regard can be seen in the tables which demonstrate the number of employees, telephone lines and apparatus, public telephones in use, telephone calls and financial operation of the Authority.

The Authority's staff has been growing in size. As Tables T1, T2 and T3 show the number of employees increased from 5930 in 1989/90 to 6004 in 1990/91. Almost half of the employees were in the clerical and related occupational groups and 53.3 percent of the employees were based in Addis Ababa. Table T4 shows that over 60 percent of the telephones in use were in the capital city. As shown in Table T4 the expansion and installation of telephone lines in Bale and Gojam increased by 41.0 percent and 12.1 percent in 1990/91 over that of 1989/90, respectively. The distribution of public (coin box) telephones indicates that 71.4 percent of them are in Addis Ababa. As Table T6 demonstrates there are 51.6 and 3.1 telephones for every thousand population in Addis Ababa and at national level, respectively. Table T7 gives a brief information about inter-urban telephone calls among the various administrative capital cities. As the table shows most of the calls were between Addis Ababa and other administrative capital cities.

Table T8 and T9 summarize the financial operation of the Telecommunications Authority. As seen in Table T8 the total revenue in 1990/91 increased by 7.1 percent over that of the previous year. About 42.9 percent and 40.8 percent of the total revenue was generated by inter-urban and urban calls, respectively. Table T9 details the Authority's expenditure by purpose. The total expenditure in 1990/91 increased by 10.7 percent over that of the preceding year. Out of the total expenditure 24.6 percent and 16.6 percent went to personnel emolument and for amortisation, respec-

Fig.20: NUMBER OF TELEPHONES IN USE
IN ETHIOPIA

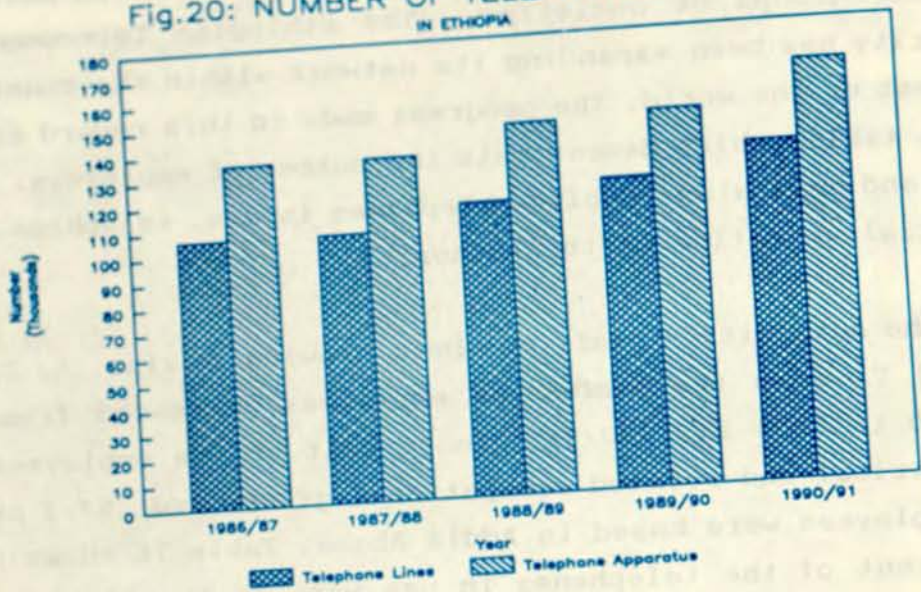
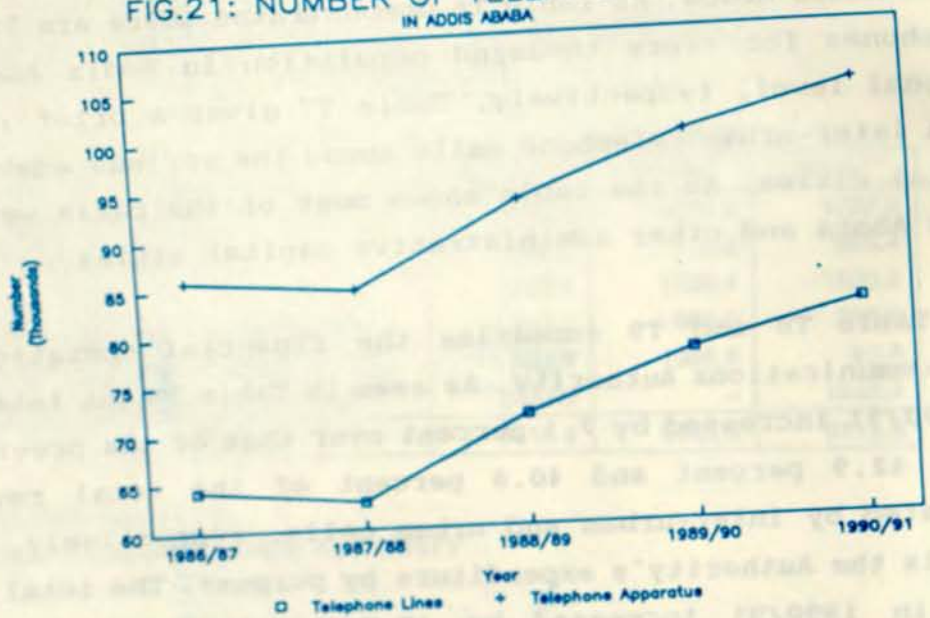


FIG.21: NUMBER OF TELEPHONES IN USE
IN ADDIS ABABA



**TABLE T1 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY
BY OCCUPATION AND SEX**

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	199	9	208	217	9	226
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	840	69	909	783	96	879
3. CLERICAL AND RELATED PERSONNEL	774	1659	2433	912	1661	2573
4. SALES WORKERS	109	22	131	69	50	119
5. SERVICE WORKERS	469	214	683	325	199	524
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1545	21	1566	1663	20	1683
7. OTHERS	-	-	-	-	-	-
TOTAL	3936	1994	5930	3969	2035	6004

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

**TABLE T2 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY
BY ADMINISTRATIVE REGION AND SEX**

ADMINISTRATIVE REGION	1988/89*			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	48	39	87	50	41	91	34	21	55
BALE	20	34	54	21	34	55	28	35	63
ERITREA	255	190	445	242	189	431	242	179	421
ASEB ADMIN.	58	26	84	57	26	83	50	20	70
GAMO GOFA	22	18	40	21	18	39	19	14	33
GOJAM	98	82	180	101	82	183	113	68	181
GONDER	91	73	164	88	74	162	97	65	162
HARERGE	164	140	304	167	151	318	172	148	320
ILUBABOR	43	19	62	43	20	63	55	24	79
KEFA	112	92	204	114	93	207	122	91	213
SHEWA	304	241	545	315	250	565	283	256	539
ADDIS ABABA	2320	778	3098	2319	790	3109	2347	851	3198
SIDAMO	80	68	148	82	72	154	91	88	179
TIGRAY	102	54	156	96	54	150	63	51	114
WELEGA	49	34	83	53	38	91	64	47	111
WELO	167	63	230	167	62	229	189	77	266
TOTAL	3933	1951	5884	3936	1994	5930	3969	2035	6004

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE 13 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY
BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1988/89*			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	437	290	727	339	198	537	425	249	674
150-249	1073	485	1558	1061	523	1584	989	581	1570
250-349	781	392	1173	812	321	1133	796	330	1126
350-449	579	269	848	652	302	954	609	317	926
450-549	254	150	404	200	292	492	324	191	515
550-649	247	269	516	278	239	517	214	239	453
650-749	258	81	339	273	94	367	264	101	365
750-849	177	12	189	200	22	222	217	25	242
850-949	51	2	53	47	2	49	49	-	49
950-1049	35	-	35	33	-	33	27	1	28
1050-1149	16	-	16	9	-	9	13	-	13
1150-1249	9	-	9	15	-	15	22	-	22
1250-1349	10	1	11	10	1	11	10	1	11
1350 & ABOVE	6	-	6	7	-	7	10	-	10
TOTAL	3933	1951	5884	3936	1994	5930	3969	2035	6004

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE 14 - NUMBER OF TELEPHONES IN USE BY ADMINISTRATIVE REGION, CAPITAL CITIES
AND OTHER TOWNS

YEAR*	ARSI				BALE				ERITREA			
	ASELA		OTHER TOWNS		GOBA		OTHER TOWNS		ASMARA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1986/87	376	578	299	304	377	503	317	355	9732	12320	1968	2398
1987/88	388	590	293	298	396	573	352	390	9746	12375	2057	2491
1988/89	384	586	299	304	393	597	409	459	9738	12385	2113	2549
1989/90	902	1104	313	318	395	601	427	478	9742	12404	2122	2562
1990/91	978	1181	355	361	393	599	766	1088	9749	12427	2173	2627

TABLE T4 -(CONT'D)

YEAR*	GAMO GOFA				GOJAM				GONDER			
	ARBA MINCH		OTHER TOWNS		DEBRE MARKOS		OTHER TOWNS		GONDER		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1986/87	375	442	138	141	688	788	1466	1769	970	1319	783	807
1987/88	408	476	138	141	640	740	1511	1819	966	1334	851	887
1988/89	436	504	537	580	640	799	1590	1915	963	1344	947	983
1989/90	459	529	658	712	1162	1341	1680	1026	1052	1439	798	822
1990/91	465	585	670	730	1405	1584	1782	2033	1174	1561	455	468

TABLE T4:-(CONT'D)

YEAR*	HARERGE				ILUBABOR				KEFA			
	HARER		OTHER TOWNS		METU		OTHER TOWNS		JIMA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1986/87	946	1155	3671	4151	319	352	358	371	1435	1662	840	856
1987/88	945	1154	3820	4309	343	376	385	397	1436	1663	862	877
1988/89	940	1156	3961	4450	-	-	1482	1550	1417	1644	169	179
1989/90	948	1170	4358	4854	-	-	163	173	1410	1636	1343	1420
1990/91	931	1153	4895	5438	545	597	802	827	1440	1666	864	886

TABLE T4:-(CONT'D)

YEAR*	SHEWA				SIDAMO				TIGRAY			
	ADDIS ABABA		OTHER TOWNS		AWASA		OTHER TOWNS		MEKELE		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1986/87	64148	85814	7366	8146	839	1205	1829	1770	941	1092	870	897
1987/88	62721	84471	7647	8434	893	1276	1964	2106	938	1097	872	899
1988/89	71191	93093	8196	9016	917	1466	1671	1825	937	1097	869	896
1989/90	77193	99431	9742	10670	936	1492	1751	1926	937	1097	869	895
1990/91	81571	103864	10854	11712	938	1514	1809	1987	937	1097	870	880

TABLE T4:-(CONT'D)

YEAR*	WELEGA				WELO				ASEB ADMIN.		TOTAL	
	NEKEMTE		OTHER TOWNS		DESE		OTHER TOWNS		LINE	APPARATUS	LINE	APPARATUS
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS				
1986/87	486	690	670	736	1520	1676	1164	1334	1237	1450	106131	135281
1987/88	489	693	802	868	1533	1694	1269	1444	320	1541	105985	135413
1988/89	499	690	880	913	1538	1707	1163	1243	1564	1906	115843	145236
1989/90	498	689	760	794	1540	1722	1224	1309	1417	1665	121883	147709
1990/91	525	868	1006	1045	1743	1937	1261	1279	1735	2099	133091	164093

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

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

URBAN AREAS	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
ADDIS ABABA	629	653	661	685	710
ASMARA	81	80	79	78	76
ASEB	15	18	19	22	20
AWASA	-	12	12	12	12
BAHIR DAR	10	10	10	10	10
DESE	20	23	23	23	24
DIRE DAWA	18	18	18	22	29
GONDER	9	9	9	7	7
HARER	10	10	10	10	10
JIMA	30	29	28	31	31
MITSIWA	19	20	20	20	20
MEKELE	5	5	5	5	5
NAZARETH	21	22	22	22	25
SHASHEMENE	9	9	9	15	15
TOTAL	876	918	925	962	994

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

**TABLE 16:- NUMBER OF TELEPHONES AND TELEPHONES PER '000 POPULATION
BY ADMINISTRATIVE REGION**

ADMINISTRATIVE REGION	NUMBER OF AWRAJAS	AREA IN '000 SQ. Km	POPULATION IN '000		POPULATION PER SQ. Km		NUMBER OF TELEPHONES**		TELEPHONES PER '000 POPULATION	
			1989/90*	1990/91*	1989/90*	1990/91*	1989/90*	1990/91*	1989/90*	1990/91*
ARSI	3	23.7	2008.4	2070.2	84.7	87.5	1422	1542	0.7	0.7
BALE	5	127.1	1254.2	1297.6	9.9	10.2	1079	1687	0.9	1.3
ERITREA	8	93.7	3164.5	3263.4	33.8	34.8	14966	15054	4.7	4.6
ASEB ADMIN.	1	27.5	165.1	172.1	6.0	6.3	1980	2099	12.0	12.2
GAMO GOFA	4	40.3	1609.7	1674.5	39.9	41.5	1241	1315	0.8	0.8
GOJAM	7	61.2	4149.6	4307.0	67.8	70.4	3367	3617	0.8	0.8
GONDER	7	79.6	3753.8	3892.1	47.1	48.9	2261	2029	0.6	0.5
HARERGE	13	272.6	5062.9	5217.4	18.6	19.1	6024	6591	1.2	1.2
ILUBABOR	5	46.4	1275.9	1312.5	27.5	28.3	1566	1424	1.2	1.1
KEFA	6	56.6	3028.2	3120.3	53.5	55.1	1809	2552	0.6	0.8
SHEWA	11	85.1	9670.2	9971.9	113.6	117.2	9422	11712	1.0	1.2
ADDIS ABABA	-	0.2	1912.5	2011.3	9562.5	10056.5	100679	103864	52.6	51.6
SIDAMO	6	119.8	4749.7	4924.8	39.6	41.1	3418	3501	0.7	0.7
TIGRAY	8	64.9	2812.2	2891.7	43.3	44.5	1992	1977	0.7	0.7
WELEGA	6	70.5	3136.1	3242.5	44.5	45.9	1693	1913	0.5	0.6
WELO	12	82.1	3936.4	4013.6	47.9	48.9	3031	3216	0.8	0.8
TOTAL	102	1251.3	51889.4	53382.9	41.3	42.7	155950	164093	3.0	3.1

*YEAR ENDING JULY 7

**NUMBER OF TELEPHONE APPARATUS

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE T7 - NUMBER OF INTER-URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE
CAPITAL CITIES: 1986/87*

FROM	TO	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
ADDIS ABABA		-	21590	27400	33828	8952	40370	11717
ARBA MINCH		26097	-	161	362	4237	274	348
ASELA		26701	234	-	794	549	200	209
ASMARA		39829	237	447	-	369	678	1460
AWASA		16671	112	165	649	-	162	173
DEBRE MARKOS		39045	106	116	821	153	-	261
DESE		15077	65	101	1109	60	501	-
GOBA		23672	211	592	298	1740	169	222
GONDER		19139	194	136	4994	168	2593	488
HARER		21035	97	679	714	233	236	386
JIMA		15971	38	198	470	244	210	217
MEKELE		17003	249	193	11444	192	241	1264
METU		22478	57	131	244	66	166	263
NEKEMTE		34367	140	141	538	295	273	350

TABLE T7. -(CONT'D) 1986/87*

FROM	TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA		12287	10934	14795	16486	18302	18765	30972
ARBA MINCH		279	217	170	244	193	85	109
ASELA		391	119	557	239	144	86	229
ASMARA		241	2806	678	534	9980	149	340
AWASA		82	168	326	266	294	68	95
DEBRE MARKOS		68	3153	317	291	241	218	190
DESE		32	228	178	130	1628	86	82
GOBA		-	171	472	243	140	56	147
GONDER		267	-	308	317	440	103	195
HARER		211	295	-	328	289	89	196
JIMA		64	217	233	-	112	234	568
MEKELE		127	667	675	227	-	186	258
METU		51	108	161	6762	261	-	402
NEKEMTE		128	312	266	2754	270	423	-

TABLE T7:-(CONT'D) 1987/88*

TO FROM	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
ADDIS ABABA	-	21680	27610	30140	9619	40400	9590
ARBA MINCH	27079	-	179	246	3048	358	440
ASELA	29470	185	-	419	532	254	251
ASMARA	37089	310	510	-	248	701	867
AWASA	28124	174	170	394	-	165	176
DEBRE MARKOS	37643	244	216	589	193	-	329
DESE	16749	72	110	342	76	610	-
GOBA	24897	267	585	465	1629	220	246
GONDER	18281	201	142	2822	229	3010	417
HARER	24684	115	712	425	146	250	278
JIMA	15843	49	230	346	193	240	236
MEKELE	8839	260	218	5834	120	248	582
METU	24994	82	226	416	161	180	227
NEKEMTE	28901	115	127	288	166	212	266
ASEB	30119	32	91	4185	122	210	16385

TABLE T7:-(CONT'D) 1987/88*

TO FROM	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE	ASEB
ADDIS ABABA	17300	11259	15090	19052	21495	19112	31400	11931
ARBA MINCH	309	235	227	309	171	130	98	174
ASELA	441	155	629	371	247	149	367	400
ASMARA	310	1613	223	281	6322	250	410	1439
AWASA	101	229	361	132	203	72	102	131
DEBRE MARKOS	154	3449	270	275	231	121	174	249
DESE	41	256	220	131	799	90	90	9794
GOBA	-	252	480	459	224	104	139	152
GONDER	310	-	249	168	1024	110	202	19
HARER	230	259	-	268	185	98	210	98
JIMA	72	232	200	-	192	249	580	94
MEKELE	130	350	311	127	-	201	310	1493
METU	103	135	259	810	450	-	476	26
NEKEMTE	142	204	252	2061	361	338	-	170
ASEB	301	318	184	231	3585	92	210	-

TABLE T7:-(CONT'D) 1988/89*

TO FROM	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
ADDIS ABABA	-	22591	24401	25734	10998	41480	14867
ARBA MINCH	23033	-	240	7	3877	221	535
ASELA	26984	194	-	1	557	212	332
ASMARA	21809	241	560	-	25	710	73
AWASA	27166	131	178	-	-	162	350
DEBRE MARKOS	40110	116	170	901	161	-	310
DESE	15749	71	4	264	228	616	-
GOBA	22924	316	555	37	1921	186	245
GONDER	24981	190	145	-	321	3102	331
HARER	19554	102	810	65	132	301	524
JIMA	16633	41	216	92	328	250	224
MEKELE	-	-	-	11812	-	-	-
METU	22510	80	136	290	72	170	270
NEKEMTE	28214	123	99	-	117	161	220

TABLE T7:-(CONT'D) 1990/91*

TO	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
FROM							
ADDIS ABABA	-	-	2949	49762	5485	-	15512
ARBA MINCH	-	-	-	-	-	-	-
ASELA	21426	-	-	1	284	-	519
ASMARA	32253	-	7	-	2	-	39
AWASA	33886	-	473	11	-	-	382
DEBRE MARKOS	-	-	-	-	-	-	-
DESE	40438	-	202	192	138	-	-
GOBA	-	-	-	-	-	-	-
GONDER	5103	-	6	-	18	-	21
HARER	41477	-	374	-	178	-	484
JIMA	31470	-	372	161	435	-	622
MEKELE	-	-	-	-	-	-	-
METU	-	-	-	-	-	-	-
NEKEMTE	-	-	-	-	-	-	-

TABLE T7:-(CONT'NT'D) 1990/91*

TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE
FROM							
ADDIS ABABA	-	14274	10874	11699	-	-	-
ARBA MINCH	-	-	-	-	-	-	-
ASELA	-	-	367	416	-	-	-
ASMARA	-	6	64	6	-	-	-
AWASA	-	34	343	163	-	-	-
DEBRE MARKOS	-	-	-	-	-	-	-
DESE	-	63	369	258	-	-	-
GOBA	-	-	-	-	-	-	-
GONDER	-	-	22	18	-	-	-
HARER	-	10	-	412	-	-	-
JIMA	-	86	455	-	-	-	-
MEKELE	-	-	-	-	-	-	-
METU	-	-	-	-	-	-	-
NEKEMTE	-	-	-	-	-	-	-

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE 18 - REVENUE OF TELECOMMUNICATIONS AUTHORITY BY SOURCE

SOURCE	IN '000 BIRR				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
URBAN TELEPHONE	51842	59142	53473	62410	66400
INITIAL SUBSCRIPTION	2291	6296	4147	5048	3029
RENT	11610	12191	13611	16365	16797
MOVES AND CHANGES	321	290	326	350	404
URBAN CALLS	37620	40375	35389	40637	46170
INTER-URBAN CALLS	48003	51185	51763	69721	69782
INLAND CALLS	9702	10202	10358	11609	11405
INTERNATIONAL CALLS	38086	40656	41122	57834	57946
RURAL RADIO CALLS	-	99	31	34	135
RADIO LICENCE	215	188	191	164	199
SUNDRY INCOME	20	40	61	80	97
TELEGRAPH	4090	4951	2078	5124	6422
INLAND TELEGRAMS	835	877	731	799	1005
INTERNATIONAL TELEGRAMS	1029	1662	942	874	1366
OTHER TELEGRAPH SERVICES	2226	2412	402	3451	4051
TELEX	11371	12958	16307	12083	15929
URBAN	3	174	1582	-	...
INTER-URBAN	361	348	828	603	...
FOREIGN	9716	11060	11352	9642	...
OTHER TELEX SERVICES	1291	1376	2545	1838	...
MISCELLANEOUS	3491	3963	...	2647	4237
TOTAL REVENUE	118797	132199	123621	151985	162770

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE 19 - EXPENDITURE OF TELECOMMUNICATIONS AUTHORITY BY PURPOSE

PURPOSE	IN '000 BIRR				
	1986/87*	1987/88*	1988/89*	1989/90*	1990/91*
PERSONNEL EMOLUMENT	25850	13482	4545	35000	35442
TRAINING	527	1910	889	1116	917
MAINTENANCE AND DEPRECIATION OF TELEPHONE					
I. URBAN TELEPHONE	10042	22053	23961	24195	20597
II. INTER-URBAN TELEPHONE	6657	12768	15402	9065	12416
MAINTENANCE AND DEPRECIATION OF TELEGRAPH	2221	2894	2856	2240	1861
MAINTENANCE AND DEPRECIATION OF TELEX	993	1682	2526	1655	1936
MAINTENANCE AND DEPRECIATION OF BUILDING	1471	4792	4212	3056	4846
DEPRECIATION OF FURNITURE AND EQUIPMENT	247	261	282	329	671
INTEREST AND LOAN	6997	13872	15342	14903	23913
PROVISION FOR PROFIT TAX	21779	23308	16230	24543	18900
CAPITAL CHARGE	10038	11137	11849	11128	14563
MISCELLANEOUS	10550	3850	13001	2868	7965
TOTAL EXPENDITURE	97372	112009	111095	130098	144027

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

RADIO AND TELEVISION

Broadcasting is very instrumental in reaching the masses living in remote areas. Even though the possession of Radio or/and TV sets is not easy for many Ethiopians, broadcasting definitely has much bigger audience than press, as it is not seriously affected by illiteracy and inaccessibility.

The Ethiopian Radio broadcasts its programs to listeners at home and overseas while the Ethiopian Television transmits to domestic viewers. In this section data on the number of employees, radio stations, transmitters, broadcasting hours and languages used are presented.

Table B1 and B2 show the number of employees of the broadcasting service in the Ministry of Information. These tables reveal the staff strength of the Ministry decreased by 2.8 percent in 1990/91 as compared to that of the preceding year. The number of radio stations and transmitters hasn't changed from the preceding years. The Ministry of Information estimated radio sets to be 4 million for 1990/91, which is much less than the previous years estimate of 9 million. However, this new estimate's credibility also remains doubtful as the previous ones. Table B4 shows that the Ethiopian Radio National Service devoted 45.9 percent of the broadcasting hours to Amharic programs in 1990/91. About 37.2 percent of the total broadcasting hours was spent on general information in the same year. The International Service presented its programs in six languages and distributed its transmission time equally except for 1987/88 and 1988/89 when twice the usual time was allotted to the English transmission.

The number of radio or/and TV sets owners may be a good indicator of the size of listeners and viewers. According to the estimates by the Ethiopian Television, the number of households with TV sets doubled in a year from 100 thousands in 1988/89 to 200

thousand in 1989/90 and the estimate for 1990/91 remained the same as that of 1989/90. The Ethiopian Television presents its programs in Amharic and English, with more time allocated to the Amharic transmission. The total transmission time has decreased from 1887 hours in 1989/90 to 1346 hours in 1990/91. This decrease is mainly attributed to the drop in educational transmission and also to a drop in general information in Amharic.

The Department of Educational Mass Media in the Ministry of Education presents its programs in Amharic and English using 11 transmitters located throughout the country. There was a 50 percent reduction in the total service hours in 1990/91 over that of 1989/90. The Amharic programs accounted for 72.4 percent of the total service hours in 1990/91.

TABLE B1: - NUMBER OF EMPLOYEES OF BROADCASTING SERVICES,
MINISTRY OF INFORMATION BY OCCUPATION AND SEX

OCCUPATION	1986/87*			1987/88*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADMINISTRATIVE PERSONNEL	225	179	404	232	194	426
RADIO PROGRAMMERS	121	43	164	126	41	167
TELEVISION PROGRAMMERS	59	25	84	31	11	42
TECHNICAL PERSONNEL	231	28	259	273	52	325
JOURNALISTS	18	3	21	-	-	-
TOTAL	654	278	932	662	298	960

TABLE B1: - (CONT'D)

OCCUPATION	1988/89***			1989/90**			1990/91**		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADMINISTRATIVE PERSONNEL	90	70	160	136	132	268	117	134	251
RADIO PROGRAMMERS	...	...	...	120	49	169	124	45	169
TELEVISION PROGRAMMERS	55	18	73	...	...	...	...	...	...
TECHNICAL PERSONNEL	86	26	112	137	8	145	140	7	147
JOURNALISTS	34	24	58	...	...	...	...	...	...
TOTAL	265	138	403	393	189	582	381	186	567

*YEAR ENDING JULY 7

** EMPLOYEES OF ETHIOPIAN TELEVISION WERE NOT INCLUDED

***EMPLOYEES OF BROADCASTING SERVICE OF RADIO WERE NOT INCLUDED

SOURCE:- MINISTRY OF INFORMATION

TABLE B2: - NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY
OF INFORMATION BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1986/87*			1987/88*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	137	118	255	128	128	256
150-249	93	41	134	110	40	150
250-349	124	55	179	107	51	158
350-449	88	23	91	87	31	118
450-549	59	13	72	56	19	75
550-649	93	17	110	91	18	109
650-749	34	5	39	37	6	43
750-849	30	3	33	29	3	32
850-949	2	-	2	3	-	3
950-1049	10	-	10	10	-	10
1050-1149	1	1	2	-	1	1
1150-1249	3	1	4	2	-	2
1250-1349	-	-	-	-	-	-
1350 & ABOVE	3	1	4	2	1	3
TOTAL	657	278	935	662	298	960

TABLE B2: - (CONT'D)

SALARY GROUP (BIRR)	1988/89***			1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	49	59	108	126	139	265	117	132	249
150-249	41	18	59	144	43	187	109	52	161
250-349	61	28	89	116	57	173	119	55	174
350-449	37	10	47	79	33	112	82	36	118
450-549	21	10	31	63	20	83	67	20	87
550-649	35	10	45	100	23	123	100	22	122
650-749	15	2	17	43	5	48	48	5	53
750-849	2	1	3	26	4	30	26	2	28
850-949	-	-	-	3	-	3	3	-	3
950-1049	3	-	3	11	-	11	11	-	11
1050-1149	-	-	-	-	1	1	-	1	1
1150-1249	-	-	-	3	-	3	2	-	2
1250-1349	-	-	-	-	-	-	1	-	1
1350 & ABOVE	1	-	1	1	-	1	1	-	1
TOTAL	265	138	403	715	325	1040	686	325	1011

*YEAR ENDING JULY 7

***EMPLOYEES OF BROADCASTING SERVICE OF RADIO WERE NOT INCLUDED

SOURCE: - MINISTRY OF INFORMATION

TABLE B3: - NUMBER OF RADIO STATIONS TRANSMITTERS
AND HOUSEHOLDS WITH RADIO SETS

YEAR*	RADIO STATIONS	TRANSMITTERS	HOUSEHOLDS WITH RADIO SETS
1986/87	3	13	9000000
1987/88	4	13	9000000
1988/89	4	13	9000000
1989/90	4	12	9000000
1990/91	4	13	4000000

*YEAR ENDING JULY 7

NOTE: - HARAR, ADDIS ABABA AND ASMARA HAVE

ONE RADIO STATION EACH

SOURCE: - MINISTRY OF INFORMATION

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
1986/87	521:00	1105:00	854:40	18:00	2498:40
1987/88	721:00	851:15	657:00	197:45	2427:00
1988/89	721:30	851:15	657:00	197:45	2427:30
1989/90	624:00	1300:00	520:00	-	2444:00
1990/91	721:30	851:15	657:00	197:45	2427:30

TABLE B4 (CONT'D)

YEAR*	ADDIS ABABA STUDIO									
	OROMIGNA					TIGRIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1986/87	121.00	439.20	112.07	-	672.27	60.00	180.00	125.00	-	365.00
1987/88	190.00	273.20	111.00	155.40	730.00	60.00	86.00	69.00	150.00	365.00
1988/89	190.00	273.20	111.00	155.40	730.00	60.00	86.00	69.00	150.00	365.00
1989/90	124.40	365.00	243.20	-	730.00	60.30	182.30	121.40	-	364.40
1990/91	190.00	273.20	111.00	155.40	730.00	60.00	86.00	69.00	150.00	365.00

TABLE B4 (CONT'D)

YEAR*	ASMARA STUDIO									
	TIGRE					TIGRIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1986/87	60.00	195.00	110.00	-	365.00	111.00	380.00	154.00	-	645.00
1987/88	60.00	120.00	85.00	100.00	365.00	112.40	236.00	196.25	184.55	730.00
1988/89	60.00	120.00	85.00	100.00	365.00	112.40	236.00	196.25	184.55	730.00
1989/90	...	...	...	...	...	...	...	...	...	...
1990/91	60.30	120.00	85.00	100.00	365.00	112.00	236.00	196.25	184.00	728.00

TABLE B4 (CONT'D)

YEAR*	ASMARA STUDIO				
	AMHARIC				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1986/87	60.00	195.00	110.00	-	365.00
1987/88	38.00	125.00	66.00	136.00	365.00
1988/89	38.00	125.00	66.00	136.00	365.00
1989/90	...	...	...	...	...
1990/91	38.00	125.00	66.00	136.00	365.00

TABLE B4 (CONT'D)

YEAR*	HARER STUDIO									
	O ROMIGNA					S O M A L I G N A				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1986/87	121.33	434.20	112.07	-	668.00	60.00	180.00	125.00	-	365.00
1987/88	120.00	432.00	148.00	30.00	730.00	60.00	136.00	112.00	57.00	365.00
1988/89	120.00	432.00	148.00	30.00	730.00	60.00	136.00	112.00	57.00	365.00
1989/90	60.50	182.30	121.40	-	365.00	60.50	121.40	182.50	-	365.00
1990/91	120.00	432.00	148.00	30.00	730.00	60.00	136.00	112.00	57.00	365.00

TABLE B4 (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1986/87	1114.33	3108.40	1702.54	18.00	5944.07
1987/88	1361.40	2259.35	1444.25	1011.20	6077.00
1988/89	1362.10	2259.35	1444.25	1011.20	6077.30
1989/90	927.50	2151.40	1189.10	-	4268.40
1990/91	1362.00	2259.35	1444.25	1010.25	6075.30

*YEAR ENDING JULY 7

SOURCE: - MINISTRY OF INFORMATION

TABLE B5: - RADIO BROADCASTING HOURS AND LANGUAGES USED.
INTERNATIONAL SERVICE

YEAR*	A M H A R I C					E N G L I S H				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1986/87	60:00	175:00	70:00	60:00	365:00	60:00	170:00	80:00	55:00	365:00
1987/88	60:00	200:00	45:00	60:00	365:00	120:00	375:40	105:20	65:00	666:00
1988/89	60:50	121:40	91:15	91:15	365:00	121:40	243:20	121:40	243:40	730:20
1989/90	60:50	121:40	91:15	91:15	365:00	60:50	121:40	60:50	121:40	365:00
1990/91	60:50	212:55	90:15	-	364:00	60:50	243:20	60:50	-	365:00

TABLE B5 (CONT'D)

YEAR*	FRENCH					ARABIC				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1986/87	60:00	119:00	85:00	101:00	365:00	60:00	119:00	85:00	101:00	365:00
1987/88	60:00	119:00	85:00	101:00	365:00	60:00	120:00	85:00	101:00	366:00
1988/89	60:50	103:25	158:10	42:35	365:00	60:50	139:55	121:40	42:35	365:00
1989/90	60:50	103:25	158:10	42:35	365:00	60:50	139:55	121:40	42:35	365:00
1990/91	60:50	146:00	158:10	-	365:00	60:50	182:30	121:40	-	365:00

TABLE B5 (CONT'D)

YEAR*	SOMALI					AFAR				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1986/87	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00
1987/88	60:00	120:00	85:00	101:00	365:00	60:00	105:00	110:00	91:00	366:00
1988/89	60:50	121:40	152:05	30:25	365:00	60:50	121:40	121:40	60:50	365:00
1989/90	60:50	121:41	152:05	30:25	365:01	60:50	121:40	121:40	60:50	365:00
1990/91	60:50	152:05	152:05	-	365:00	60:50	182:30	121:40	-	365:00

TABLE B5 (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1986/87	360:00	788:00	615:00	427:00	2190:00
1987/88	420:00	1039:40	515:20	519:00	2494:00
1988/89	425:50	851:40	766:30	511:20	2555:20
1989/90	365:00	730:01	705:40	389:20	2190:01
1990/91	365:00	1119:20	704:40	-	2189:00

*YEAR ENDING JULY 7

SOURCE: - MINISTRY OF INFORMATION

TABLE B6 - ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED

YEAR*	NUMBER OF HOUSEHOLDS WITH TV SETS**	AMHARIC						TOTAL
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	
1986/87	70000-75000	216:30	346:20	88:12	16:28	84:00	24:20	775:50
1987/88	80000	205:00	379:10	170:00	18:15	98:00	62:45	933:10
1988/89	100000	198:00	416:00	144:00	18:00	150:00	70:00	996:00
1989/90	200000	196:00	317:00	64:00	40:00	319:00	97:00	1033:00
1990/91	200000	218:46	154:27	73:02	19:23	163:19	173:54	802:51

TABLE B6 (CONT'D)

YEAR*	NUMBER OF HOUSEHOLDS WITH TV SETS**	ENGLISH						TOTAL	GRAND TOTAL
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS		
1986/87	70000-75000	121:40	8:20	366:00	6:40	113:00	-	615:40	1391:30
1987/88	80000	121:40	17:05	350:00	6:30	216:00	-	711:15	1644:25
1988/89	100000	125:00	8:00	365:00	7:00	123:00	-	628:00	1624:00
1989/90	200000	122:00	2:00	452:00	7:00	271:00	-	854:00	1887:00
1990/91	200000	121:40	6:30	309:59	-	104:48	-	542:57	1345:48

*YEAR ENDING JULY 7

**ESTIMATED BY ETHIOPIAN TELEVISION

SOURCE:- MINISTRY OF INFORMATION

TABLE B7:- NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL MASS MEDIA BY OCCUPATION AND SEX

OCCUPATION GROUP	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	17	1	18	17	1	18
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	76	14	90	80	14	94
3. CLERICAL AND RELATED PERSONNEL	1	12	13	1	12	13
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	23	25	48	23	27	50
6. PRODUCTION AND RELATED WORKERS TRANSPORT EQUIPMENT OPERATORS AND LABORERS	9	1	10	9	1	10
7. OTHERS	-	-	-	-	-	-
TOTAL	126	53	179	130	55	185

*YEAR ENDING JULY 7

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

TABLE B8:- NUMBER OF EMPLOYEES OF DEPARTMENT OF EDUCATIONAL MASS MEDIA BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	16	21	37	16	22	38
150-249	20	7	27	18	7	25
250-349	7	10	17	10	9	19
350-449	18	5	23	20	7	27
450-549	19	6	25	16	3	19
550-649	32	3	35	32	5	37
650-749	10	-	10	14	1	15
750-849	2	1	3	2	1	3
850-949	-	-	-	-	-	-
950-1049	2	-	2	2	-	2
1050-1149	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
TOTAL	126	53	179	130	55	185

*YEAR ENDING JULY 7

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

TABLE B9 - EDUCATIONAL RADIO BROADCASTING HOURS BY LANGUAGES USED

YEAR*	RADIO BROADCASTING HOURS							
	ALEMAYA TRANSMITTER				ASMARA TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1986/87	814:36	294:24	117:00	1226:00	814:36	294:24	117:00	1226:00
1987/88	814:36	294:24	117:00	1226:00	853:36	294:24	156:00	1304:00
1988/89	1324:26	307:04	117:00	1748:30	1324:26	307:04	117:00	1748:30
1989/90	1324:26	307:04	117:00	1748:30	1324:26	307:04	117:00	1748:30
1990/91	902:30	297:48	55:30	1255:48	32:00	-	32:00	64:00

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	BAHIR DAR TRANSMITTER				DEBRE MARKOS TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1986/87	931:36	294:24	-	1226:00	814:36	294:24	117:00	1226:00
1987/88	931:36	294:24	-	1226:00	814:36	294:24	117:00	1226:00
1988/89	1441:26	307:04	-	1748:30	1324:26	307:04	117:00	1748:30
1989/90	1441:26	307:04	-	1748:30	1324:26	306:64	117:00	1748:30
1990/91	516:00	127:05	-	688:05	480:00	172:05	36:00	688:05

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	DESE TRANSMITTER				GIMBI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1986/87	814:36	294:24	117:00	1226:00	814:36	294:24	117:00	1226:00
1987/88	814:36	294:24	117:00	1226:00	814:36	294:24	117:00	1226:00
1988/89	1324:26	307:04	117:00	1748:30	1324:26	307:04	117:00	1748:30
1989/90	1324:26	306:64	117:00	1748:30	1324:26	306:64	117:00	1748:30
1990/91	870:00	288:00	54:00	1212:00	459:11	124:26	21:45	605:22

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	GORE TRANSMITTER				LEGEDADI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1986/87	814:36	294:24	117:00	1226:00	1005:12	294:24	117:00	1416:36
1987/88	814:36	294:24	117:00	1226:00	1005:12	294:24	117:00	1416:36
1988/89	1324:26	307:04	117:00	1748:30	1558:26	307:00	117:00	1982:26
1989/90	1324:26	306:64	117:00	1748:30	1558:26	306:64	117:00	1982:30
1990/91	270:00	92:02	18:00	380:02	1087:36	292:42	54:30	1434:48

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	MEKELE TRANSMITTER				ROBE TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1986/87	853:36	294:24	156:00	1304:00	814:36	294:24	117:00	1226:00
1987/88	853:36	294:24	156:00	1304:00	814:36	294:24	117:00	1226:00
1988/89	1324:26	307:04	117:00	1748:30	1324:26	307:04	117:00	1748:30
1989/90	-	-	-	-	1324:26	306:64	117:00	1748:30
1990/91	-	-	-	-	902:30	297:48	55:30	1255:48

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	WELAYITA TRANSMITTER				ALL TRANSMITTERS			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1986/87	775:36	294:24	156:00	1226:00	9268:12	3238:24	1248:00	13754:36
1987/88	775:36	294:24	156:00	1226:00	9307:12	3238:24	1287:00	13832:36
1988/89	1285:26	307:04	78:00	1670:30	14880:48	3377:40	1131:00	19389:26
1989/90	1285:26	306:64	78:00	1670:30	13556:20	3070:40	1014:00	17641:00
1990/91	884:00	297:79	74:00	1255:48	6403:46	2034:42	401:15	8839:43

*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

PRESS

Press is one of the media for dissemination of 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 reused 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 people in political, social and economic activities, the expansion of press requires more attention.

The following tables show data on the number of employees of Press Service of the Ministry of Information, publication and circulation of the three daily, six weekly and one bi-monthly newspapers and two monthly and two quarterly magazines. The languages used in the publications were Amharic, English, Tigrigna, Arabic and Oromigna. Note that Yekatit is both an Amharic monthly and English quarterly magazine.

Table N1 shows the number of employees of the Ethiopian Press Service. There was an increase of 2.9 percent in the number of employees in 1990/91 over that of 1989/90. About 67.0 percent of the employees were males. As Table N2 shows Addis Zemen, the Amharic daily had the largest circulation (8.6 million) in 1990/91 - a 6.4 percent drop from its level in 1989/90. The Ethiopian Herald, the English daily, also showed a slight decline (2.6 percent) in circulation for the same period. Table N3 shows that Yezareitu Ethiopia had the biggest circulation among the weekly newspapers in 1990/91, and yet the circulation for the same year decreased by 8.7 percent over that of 1989/90. The monthly magazines have also shown a decrease in circulation. Yekatit (both the Amharic and English editions) showed a 2.6 percent drop in circulation in 1990/91 over that of the previous year.

Table N8 gives an account of circulation of newspapers by administrative region. Despite our observation of declining trend in the total circulation of each newspaper, the Ministry of Information claims that the figures for 1989/90 and 1990/91 were 11.5 and 13.4, million respectively. One can observe a 16.9 percent increment in circulation in 1990/91 over that of 1989/90. About 50 percent of the total circulation in both years took place in Addis Ababa.



Newspaper	1989/90		Total	1990/91		Total
	1989/90	1990/91		1989/90	1990/91	
1	1.5	1.8	3.3	1.8	2.2	4.0
2	2.0	2.5	4.5	2.5	3.0	5.5
3	3.0	3.5	6.5	3.5	4.0	7.5
4	4.0	4.5	8.5	4.5	5.0	9.5
5	5.0	5.5	10.5	5.5	6.0	11.5
6	6.0	6.5	12.5	6.5	7.0	13.5
7	7.0	7.5	14.5	7.5	8.0	15.5
8	8.0	8.5	16.5	8.5	9.0	17.5
9	9.0	9.5	18.5	9.5	10.0	19.5
10	10.0	10.5	20.5	10.5	11.0	21.5
11	11.0	11.5	22.5	11.5	12.0	23.5
12	12.0	12.5	24.5	12.5	13.0	25.5
13	13.0	13.5	26.5	13.5	14.0	27.5
14	14.0	14.5	28.5	14.5	15.0	29.5
15	15.0	15.5	30.5	15.5	16.0	31.5
16	16.0	16.5	32.5	16.5	17.0	33.5
17	17.0	17.5	34.5	17.5	18.0	35.5
18	18.0	18.5	36.5	18.5	19.0	37.5
19	19.0	19.5	38.5	19.5	20.0	39.5
20	20.0	20.5	40.5	20.5	21.0	41.5

FIG.22: TOTAL PRINT AND NET PAID

CIRCULATION OF ADDIS ZEMEN

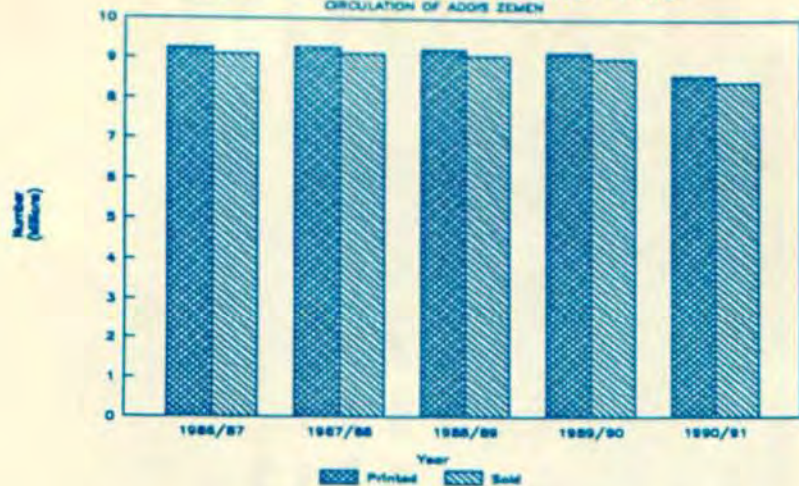


FIG.23: TOTAL PRINT AND NET PAID

CIRCULATION OF ETHIOPIAN HERALD

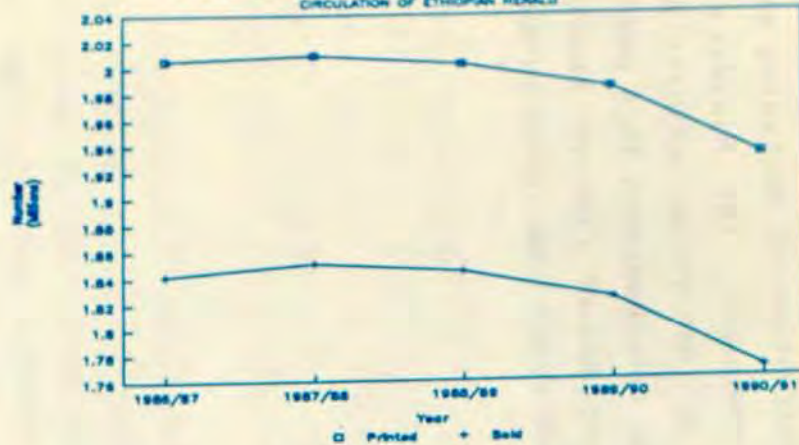


FIG.24: TOTAL PRINT AND NET PAID

CIRCULATION OF YEZARETU ETHIOPIA

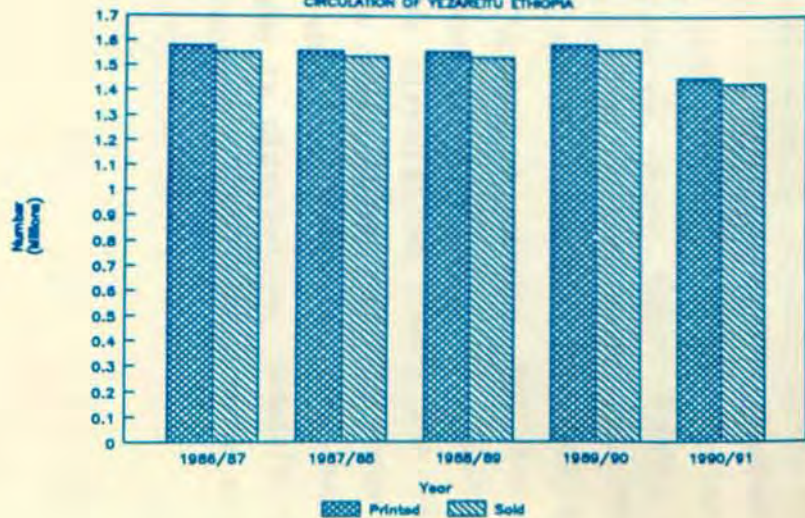


FIG.25: TOTAL PRINT AND NET PAID

CIRCULATION OF AL ALEM

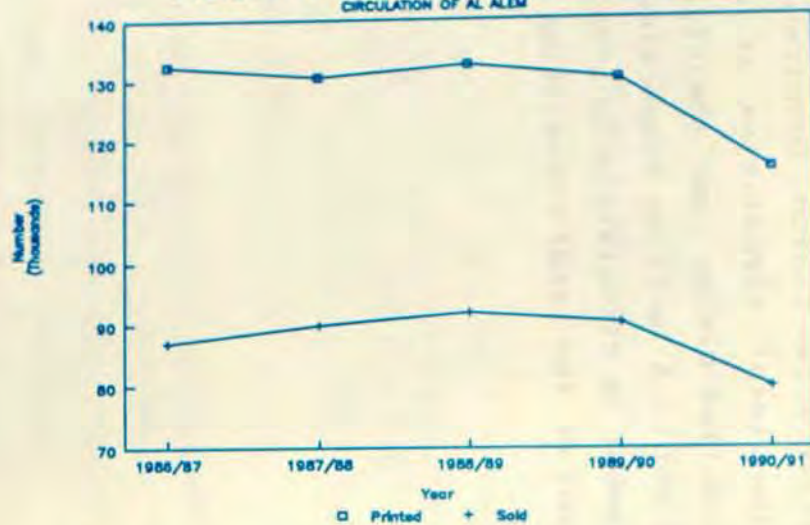


TABLE N1:- NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1987/88*			1988/89*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	7	22	29	11	21	32
150-249	13	18	31	13	23	36
250-349	16	17	33	12	14	26
350-449	25	5	30	25	9	34
450-549	13	4	17	20	6	26
550-649	23	2	25	25	4	29
650-749	14	1	15	12	-	12
750-849	10	-	10	13	-	13
850-949	-	-	-	-	-	-
950-1049	5	-	5	4	-	4
1050-1149	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
TOTAL	126	69	195	135	77	212

TABLE N1:-(CONT'D)

SALARY GROUP (BIRR)	1989/90*			1990/91*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	11	23	34	9	17	26
150-249	13	21	34	24	15	39
250-349	13	11	24	11	18	29
350-449	20	9	29	12	8	20
450-549	22	7	29	20	6	26
550-649	25	4	29	37	6	43
650-749	11	1	12	13	1	14
750-849	12	-	12	12	-	12
850-949	-	-	-	-	-	-
950-1049	5	-	5	5	-	5
1050-1149	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
TOTAL	132	76	208	143	71	214

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

**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
1986/87	9260000	9109676	140876	9448	2005500	1841752	154338	9410
1987/88	9285000	9134010	144175	6815	2009000	1850658	153057	5285
1988/89	9240000	9088757	148623	9620	2002000	1844289	154631	3080
1989/90	9180000	9026173	149252	4575	1983500	1823363	157087	3050
1990/91	8594000	8435792	153693	4515	1931300	1767293	160982	3025

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

**TABLE N3:- NUMBER OF COPIES OF WEEKLY NEWSPAPERS PRINTED, SOLD,
DONATED AND RETAINED (PRINTED IN ADDIS ABABA)**

YEAR*	BERISA				SERTO ADER			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1986/87	113000	98823	12968	1209	11600000	11594838	5167	-
1987/88	104000	98499	4915	586	11600000	11600000	-	-
1988/89	106000	100506	5016	478	11600000	11600000	-	-
1989/90	104000	98868	4872	260	-	-	-	-
1990/91	94000	89221	4494	285	-	-	-	-

TABLE N3 (CONT'D)

YEAR*	AL ALEM				YEZAREITU ETHIOPIA				ZENA BETEKIRISTIAN			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1986/87	132500	86915	44814	771	1580000	1555098	20888	4014	20000	19457	231	312
1987/88	130500	89723	40428	349	1560000	1537488	21357	1155	22000	21650	250	100
1988/89	132500	91712	40473	315	1560000	1537378	21842	780	10460	9980	160	320
1989/90	130000	90024	39716	260	1590000	1566421	22784	795	7500	6912	468	120
1990/91	115000	79641	35129	230	1452000	1428299	22936	765	101000	98702	1947	351

*YEAR ENDING JULY 7

SOURCE: - MINISTRY OF INFORMATION ;

**TABLE N4:- NUMBER OF COPIES OF BI-MONTHLY
NEWSPAPERS (PRINTED IN ADDIS ABABA)**

YEAR*	PEOPLE'S POLICE			
	PRINTED	SOLD	DONATED	RETAINED
1986/87	1413954	1410449	3505	-
1987/88	1959486	1956416	3024	46
1988/89	2396200	2391104	5096	-
1989/90	...	...	...	...
1990/91	...	...	...	...

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

**TABLE N5:-NUMBER OF COPIES OF NEWSPAPERS
PRINTED IN ASMARA**

YEAR*	ETHIOPIA				HIBRATE			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1986/87	241500	237021	4479	-	1247548	1227907	19641	-
1987/88	244135	239287	4585	263	1264660	1242936	20114	1610
1988/89	239200	224126	14508	566	1265000	1197654	64994	2352
1989/90	...	...	...	...	...	...	...	...
1990/91	184000	173920	9880	200	950000	899650	49970	380

*YEAR ENDING JULY 7

NOTE:- ETHIOPIA IS A WEEKLY AMHARIC NEWSPAPER, WHILE
HIBRATE IS A DAILY TIGRIGNA NEWSPAPER

SOURCE:- MINISTRY OF INFORMATION

**TABLE N6:- NUMBER OF COPIES OF MONTHLY MAGAZINES
(PRINTED IN ADDIS ABABA)**

YEAR*	YEKATIT**				REOTELEM			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1986/87	60500	58027	1808	865	11900	7254	910	3736
1987/88	135275	131920	2627	728	20060	9243	1565	9252
1988/89	110500	107799	2293	408	18500	9718	1441	7341
1989/90	100000	96373	1377	250	10200	5836	789	3575
1990/91	97500	95025	2175	300	500	367	133	-

*YEAR ENDING JULY 7

**MONTHLY IN AMHARIC, QUARTERLY IN ENGLISH

SOURCE:- MINISTRY OF INFORMATION

TABLE N7: - NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND MESKEREM (MAGAZINE)

YEAR	ETHIOPIAN MEDICAL JOURNAL				MESKEREM			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1986/87	650	75	550	25	560000	559896	104	-
1987/88	3200	2140	836	224	560000	560000	-	-
1988/89	2600	308	2120	172	560000	560000	-	-
1989/90	2600	308	2120	172	...	...	...	...
1990/91	850	73	599	178	-	-	-	-

*YEAR ENDING JULY 7

SOURCE: - ETHIOPIAN MEDICAL ASSOCIATION

TABLE N8: - CIRCULATIONS OF NEWSPAPERS BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1986/87*			1987/88*			1988/89*		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
ARSI	186132	19544	205676	189234	20427	209661	185055	18768	203823
BALE	161520	13407	174927	164062	13865	177927	160520	12631	173151
ERITREA	805956	1301135	2107091	822923	1313209	2136132	815543	1329971	2145514
ASEB ADMIN.	146804	21259	168063	149506	22019	171525	145537	18420	163957
GAMO GOFA	80420	8654	89074	82922	9669	92591	79462	7833	87295
GOJAM	427980	28984	456964	430574	29259	459833	430530	32260	462790
GONDER	180980	14645	195625	183422	15053	198475	180045	13184	193229
HARERGE	895736	112130	1007866	895738	109917	1005655	892400	111999	1004399
ILUBABOR	275500	31070	306570	278362	31875	310237	270660	30294	300954
KEFA	338192	30107	368299	340734	30479	371213	341219	31726	372945
SHEWA	1897349	102302	1999651	1749404	102711	1852115	1745500	103476	1848976
ADDIS ABABA	4366123	1710665	6076788	4472166	1702915	6175081	4480485	1697940	6178425
SIDAMO	572496	47852	620348	574830	47871	622701	571310	42618	613928
TIGRAY	149560	10939	160499	156162	11605	167767	149280	9814	159094
WELEGA	230820	22339	253159	230422	23105	253527	231585	21510	253095
WOLO	365872	23516	389388	368674	24181	392855	361735	21918	383653
TOTAL	11081440	3498548	14579988	11089135	3508160	14597295	11040866	3504362	14545228

TABLE N8 (CONT'D)

ADMINISTRATIVE REGION	1989/90*			1990/91*		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
ARSI	187000	15024	202024	170800	6105	176905
BALE	162925	6390	169315	206022	10709	216731
ERITREA	594600	70425	665025	662354	1009582	1671936
ASEB ADMIN.	148080	15650	163730	143452	18991	162443
GAMO GOFA	172415	11894	184309	99105	9159	108264
GOJAM	487500	30674	518174	343128	27921	371049
GONDER	173600	12135	185735	165469	12393	177862
HARERGE	401500	28170	429670	767926	98866	866792
ILUBABOR	564425	34117	598542	221963	23419	245382
KEFA	48225	4695	52920	317371	27856	345227
SHEWA	1738850	88329	1827179	1448585	74482	1523067
ADDIS ABABA	4381549	1398159	5779708	4796886	1658264	6455150
SIDAMO	439800	28796	468596	489014	39530	528544
TIGRAY	...	...	...	...	...	...
WELEGA	221325	17750	239075	206763	28155	234918
WELO	...	...	...	316944	19605	336549
TOTAL	9721794	1762208	11484002	10355782	3065037	13420819