

TRANSITIONAL GOVERNMENT OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA FEBRUARY, 1993

110

STATISTICAL BULLETIN

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CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS

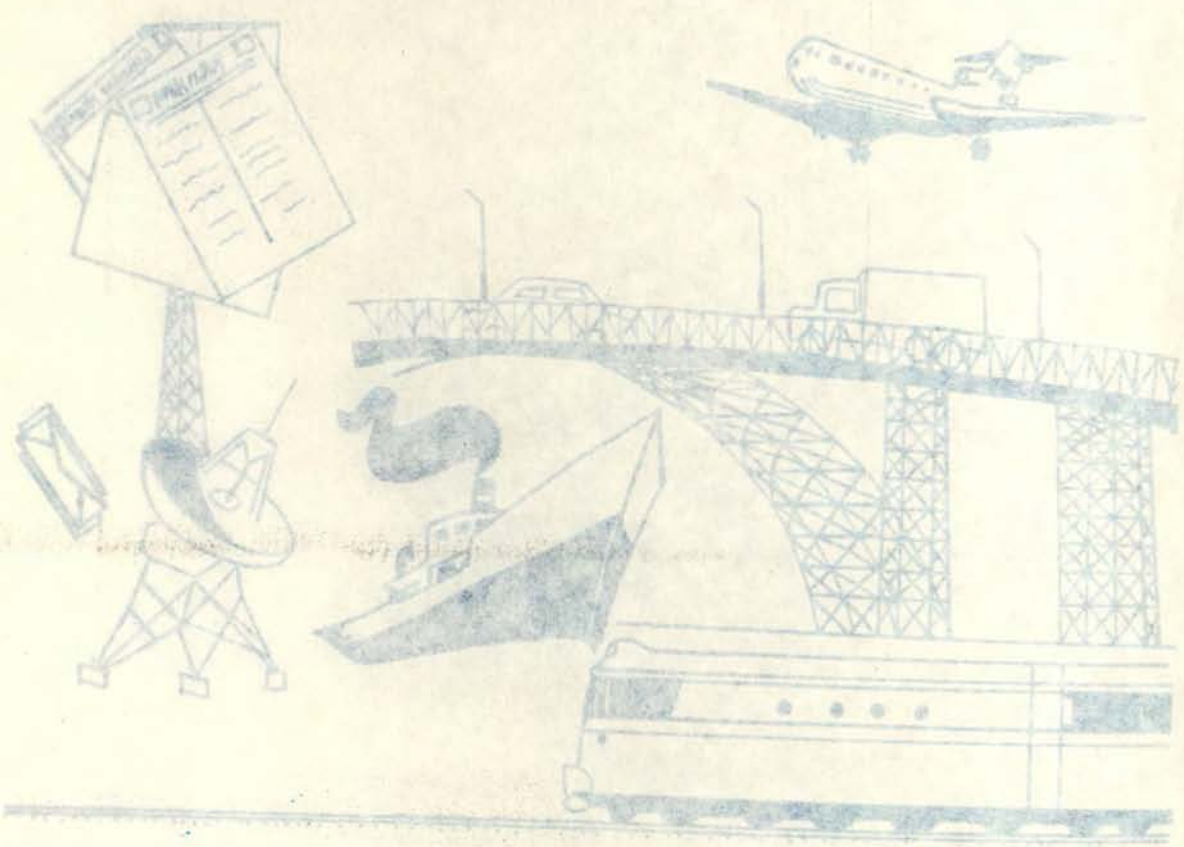


ADDIS ABABA FEBRUARY, 1993

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Introduction

The Transport and Communications Bulletin published since 1976 is designed to serve as reference for statistical information on transport and communications. The publication presents a relatively detailed and more comprehensive statistical data on transport and communications than what is compiled in the Annual Statistical Abstract of Ethiopia- publication of the Authority. Though effort is exerted every year to improve the quality and details of the data, contents are determined by the availability of information at the sources.

In this fourteenth issue as in the previous publications, the first part 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. The second part presents data on the usage, manpower, finances and operations of the various communications media: telephone, telegraph, radio, television, newspapers and periodicals.

Some of the Tables included in the previous issues are revised, series of data brought up-to-date and text notes revised as necessary. For most of the bulletin, data are shown for 3 to 5 years period. Besides effort is made to arrange the tables and graphs so as to suit users.

Finally the CSA would like to express its appreciation to its sources of data. The Authority welcomes comments and suggestions which would lead towards the improvement of the bulletin.

Introduction

Notes:- 1. The dates are in Gregorian calendar and Ethiopian

Budget year in accordance with the reference period

The Transport and Communications Bulletin published since 1976
of sources. The budget year starts on July 8th.

is designed to serve as reference for statistical information on
2. In some tables figures may not add to totals due to
transport and communications. The publication presents a relatively
rounding.

3. The following symbols have been used.

communications that what is compiled in the Annual Statistical
"- " Nil or negligible

Abstract of Ethiopia - publication of the Authority. Though effort
"... " Data not available

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Road Transport

Road Transport is essential and extremely important in transporting goods and services from areas of production to areas of consumption and thereby enhance the development of socio-economic infrastructure 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 swung up and down in the years 1986 through 1990. The smallest number of motor vehicles (2104 in number) was imported in 1989 whilst the largest number was imported a year after. There was a sharp rise in import of passenger cars from 299 in 1989 to 2102 in 1990 against the downfall in the import of street spraying lorries and similar vehicles from 77 to 1 in the same years, respectively.

The largest share of external trade (both export and import) was conveyed by sea for the years 1989 and 1990. Data on quantity and value of merchandise trade are exhibited in Table R2.

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 7.2 percent increment in the number of female employees was observed while a 0.8 percent marginal up swing in the male employees was registered from the year 1988/89 to the year 1989/90. Table R6 and R7 exhibit data on old and new motor vehicles inspected by type of service and by administrative region

Road Transport

in that order. The total number of inspected motor vehicles has decreased by 8.6 percent from 64,417 in 1988/89 to 58,854 in 1989/90. But the number of new motor vehicles inspected has increased from 4637 in 1988/89 to 4963 in 1989/90.

Tables R8-R10 indicate the number of employees of 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 roads between 1985/86 and 1989/90 successively. In 1989/90 the network density was 1.59 km. The density for 1988/89 was 1.49.

Number of driving licenses issued (new) by nationality is registered in Table R12. In 1989/90 about 24.5 thousand and 108 new driving licenses were issued to Ethiopians and foreigners, respectively.

The number of public transport buses increased marginally from 3230 in 1988/89 to 3270 a year after, while both passengers transported and distance covered decreased 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 decreased from 7798 in 1988/89 to 7118 in 1989/90 or a 8.7% decline. But the small trucks increased during the same period. About 5.8 million tons of freight was transported and about 237.5 million kms was covered in 1989/90.

Motor vehicle accidents data shown in Tables R27 and R28, were

on the rise in the years 1985/86 - 1987/88 against the significant decrease in the year 1988/89. Mature (19-55 years of age) persons were the major victims of all type accidents over all the years. Government cars were the ones most involved in accidents that occurred in the country as private cars were in Addis Ababa.

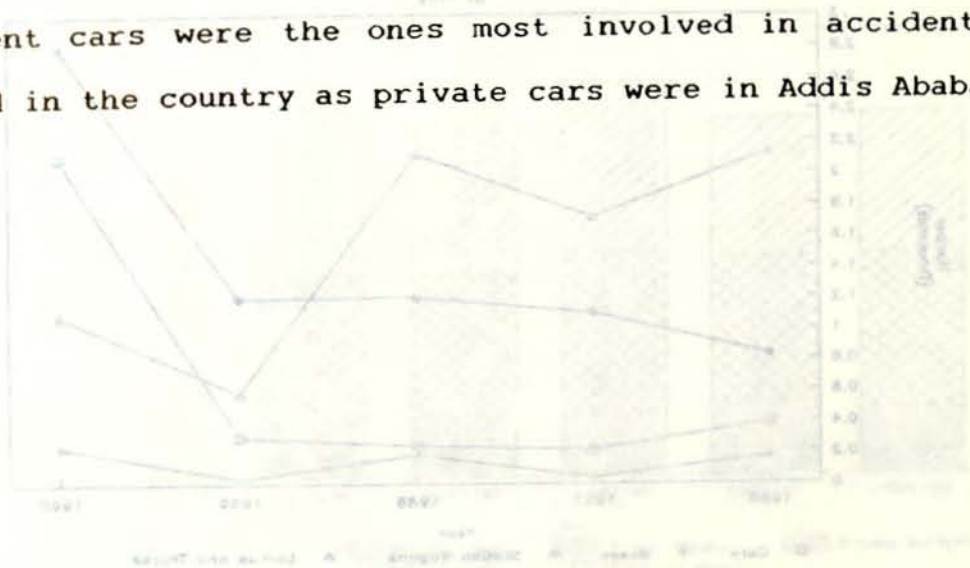


Fig. 2: DRIVING LICENCES ISSUED

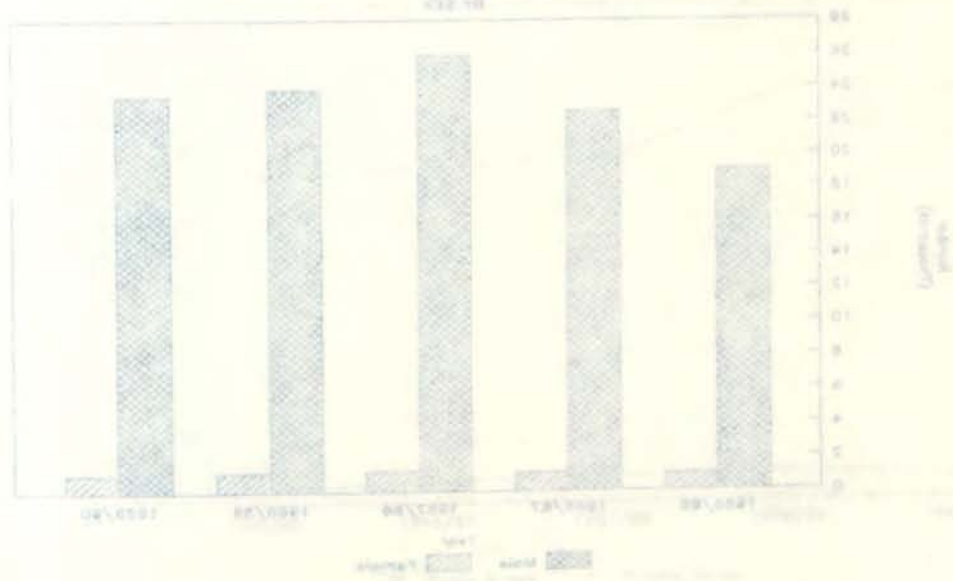


Fig.3: NUMBER OF TRANSPORT BUSES

IN ETHIOPIA

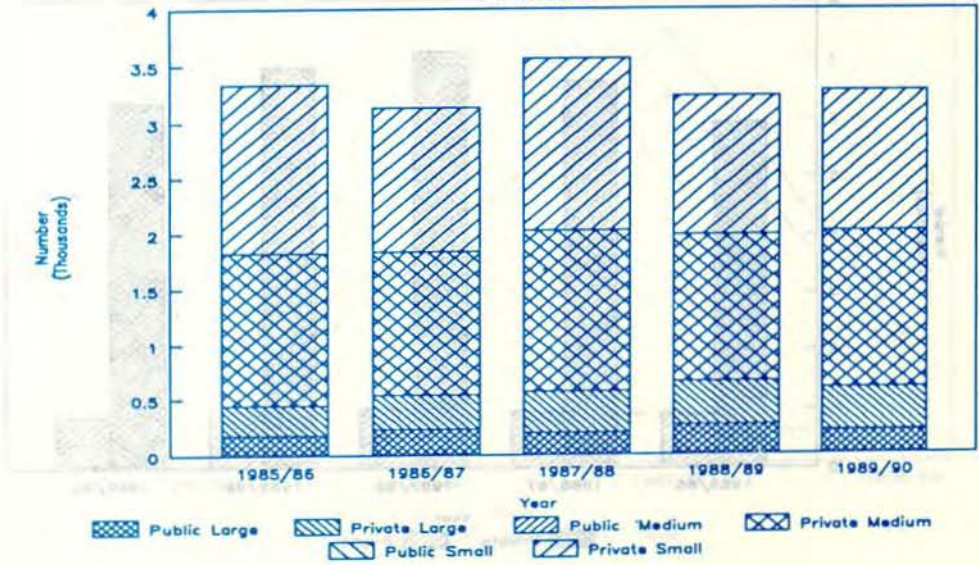


Fig.4: NUMBER OF PASSENGERS TRANSPORTED

BY BUSES

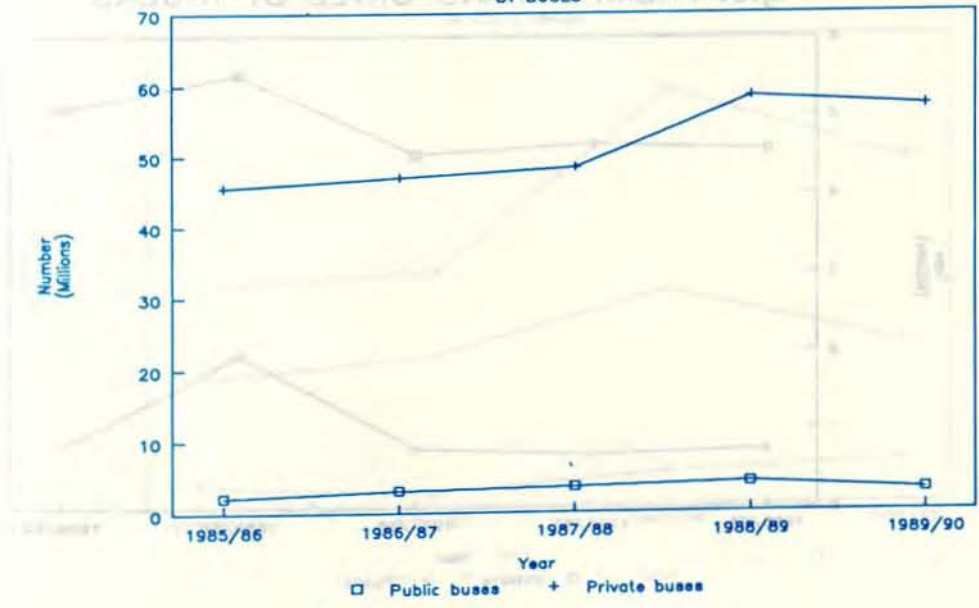


Fig.5: NUMBER OF TRUCKS IN ETHIOPIA

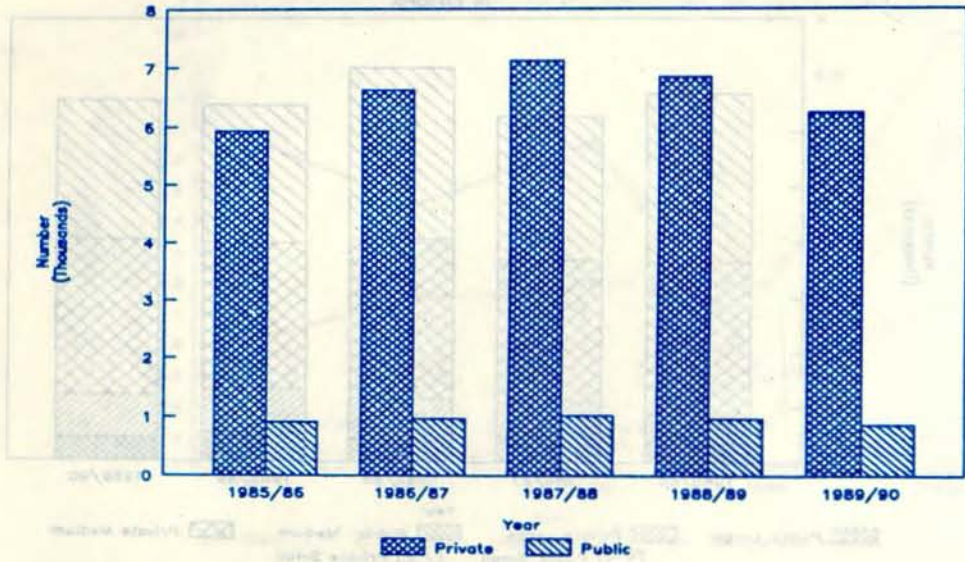


Fig.6: FREIGHT TRANSPORTED BY TRUCKS

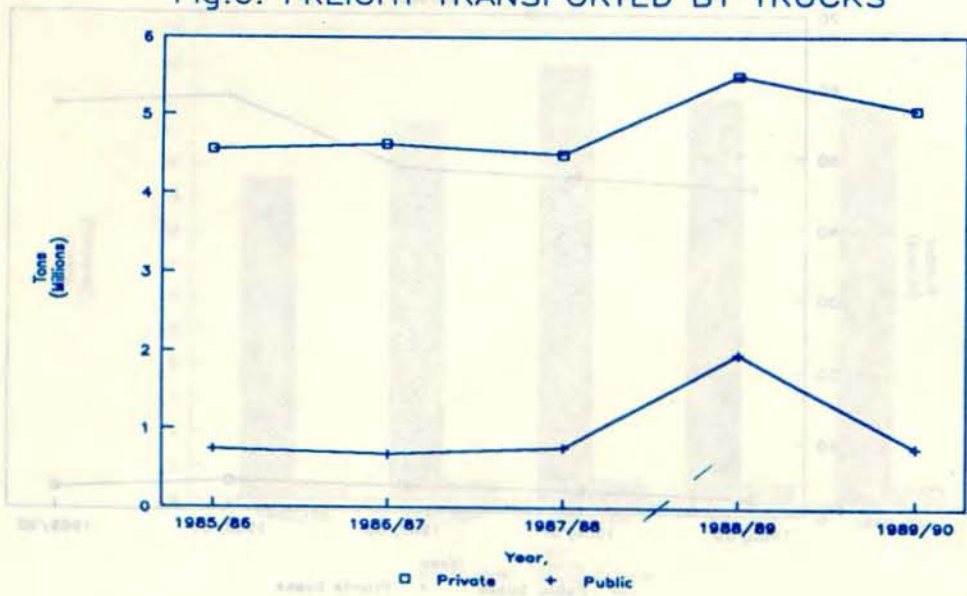


Fig.7: MOTOR VEHICLE ACCIDENTS IN ETHIOPIA

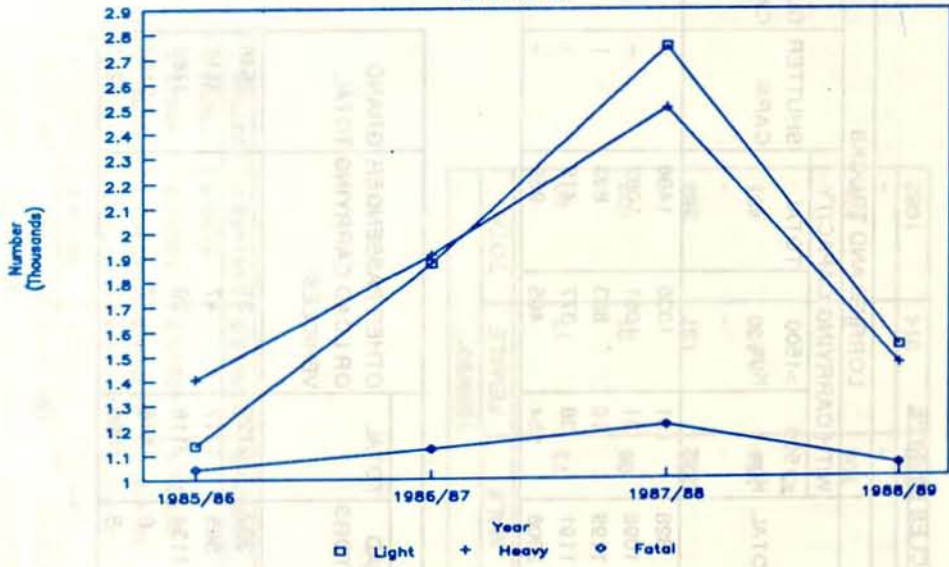


Fig.8: MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA

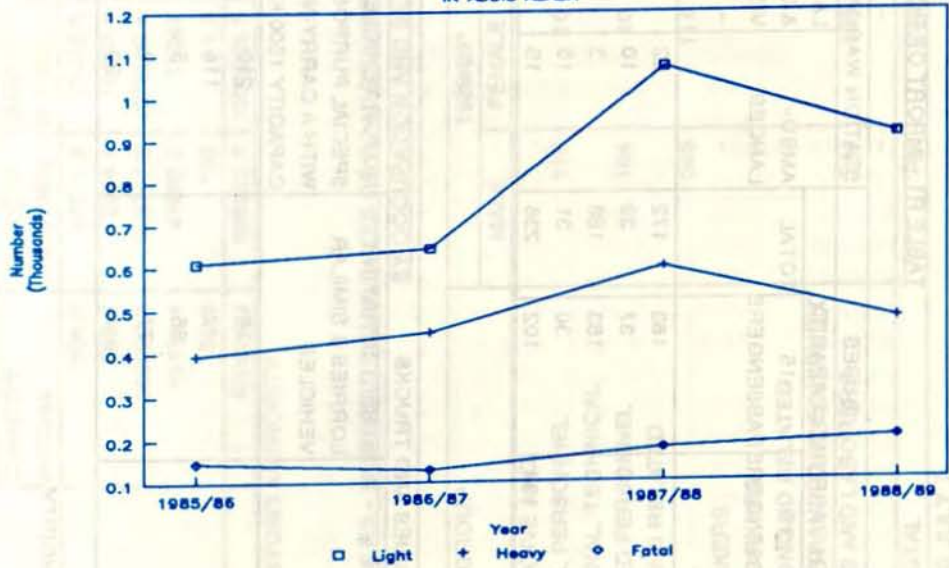


TABLE R1:-IMPORT OF ROAD MOTOR VEHICLES BY TYPE

YEAR	PASSENGER CARS	BUSES WITH CARRYING CAPACITY			STATION WAGONS			LORRIES AND TRUCKS WITH CARRYING CAPACITY				
		≤15 PASSENGERS	>15 PASSENGERS	TOTAL	AMBU-LANCES	LANDROVERS & SIMILAR VEHICLES	TOTAL	≤1500 Kgs.	>1500 Kgs.	TOTAL	SHUTTER CARS	DUMPER CARS
		1986	386	9	163	172	22	806	828	151	1335	1486	-	103
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

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		
1986	3	16	219	302	2129	31	3546
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

SOURCE:- CUSTOMS AUTHORITY

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

MODE OF TRANSPORT	1989				1990			
	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	7586.6	47811.9	89338.3	505555.3	4495.5	41300.8	58029.9	567911.4
ROAD	589.8	2364.4	18133.4	40231.8	37825.8	27712.8	17925.8	43013.5
SEA	365980.8	836707.2	1382182.6	1374472.7	320665.7	504586.9	1342368.3	1553333.4
TRAIN	46416.4	47982.3	13361	39937.7	27833.8	40215.7	19038.6	45073.7
UNSPECIFIED	50.6	158	11.2	98.7	-	-	4130.4	18206.2
TOTAL	420624.2	935023.8	1503026.5	1960296.2	390820.8	613816.0	1441493.0	2227538.2

SOURCE:- CUSTOMS AUTHORITY

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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	115	16	131	73	17	90
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	154	10	164	86	21	107
3. CLERICAL AND RELATED PERSONNEL	249	114	363	232	137	369
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	-	-	-	271	130	401
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	244	153	397	106	9	115
7. OTHERS	-	-	-	-	-	-
TOTAL	762	293	1055	768	314	1082

*YEAR ENDING JULY 7

SOURCE :- ROAD TRANSPORT AUTHORITY

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

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	33	8	41	28	8	36
BALE	16	4	20	14	5	19
ERITREA	40	14	54	40	14	54
ASEB ADMIN.	25	10	35	22	11	33
GAMO GOFA	14	3	17	15	4	19
GOJAM	26	8	34	31	8	39
GONDER	31	10	41	29	12	41
HARERGE	27	10	37	27	10	37
ILUBABOR	12	3	15	13	2	15
KEFA	25	16	41	31	12	43
SHEWA	52	5	57	41	6	47
ADDIS ABABA	363	162	525	378	181	559
SIDAMO	31	21	52	48	22	70
TIGRAY	22	5	27	-	-	-
WELEGA	18	5	23	22	5	27
WELO	27	9	36	29	14	43
TOTAL	762	293	1055	768	314	1082

*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)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	252	165	417	347	104	451
150-249	154	65	219	118	82	200
250-349	122	40	162	133	78	211
350-449	72	10	82	38	21	59
450-549	50	3	53	32	17	49
550-649	40	3	43	24	3	27
650-749	40	4	44	40	5	45
750-849	25	-	25	25	1	26
850-949	-	-	-	-	-	-
950-1049	4	3	7	6	3	9
1050-1149	-	-	-	-	-	-
1150-1249	1	-	1	3	-	3
1250-1349	-	-	-	-	-	-
1350 & ABOVE	2	-	2	2	-	2
TOTAL	762	293	1055	768	314	1082

*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	1985/86*			1986/87*			1987/88*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
PRIVATE CARS+	30567	550	31117	26067	691	26758	26077	612	26689
TAXI	1950	19	1969	3158	196	3354	3419	106	3525
GOVERNMENT CARS	5343	297	5640	11474	1597	13071	7798	1019	8817
DIPLOMATIC CARS	182	114	296	328	167	495	461	168	629
UNITED NATIONS CARS++	742	222	964	1127	479	1606	1026	117	1143
AID VEHICLES	534	638	1172	2367	676	3043	2378	359	2737
MICRO COMMERCIAL BUSES	3324	31	3355	3829	208	4037	2717	111	2828
PUBLIC COMMERCIAL BUSES	971	93	1064	454	105	559	1019	55	1074
COMMERCIAL PICK-UPS	6704	229	6933	2366	61	2427	4768	239	5007
HEAVY COMMERCIAL TRUCKS	5947	499	6446	2745	486	3231	5734	591	6325
HEAVY TRUCK TRAILORS	2053	135	2188	1150	234	1384	2822	162	2984
BENZINE TRUCKS	803	73	876	636	75	711	990	113	1103
BENZINE TRUCK TRAILORS	559	62	621	295	83	378	466	29	495
MOTOR CYCLES	997	230	1227	1197	319	1516	1215	492	1707
OTHER VEHICLES	416	140	556	-	-	-	196	44	240
TOTAL	61092	3332	64424	57193	5377	62570	61086	4217	65303

TABLE R6:- (CONT'D)

TYPE OF SERVICE	1988/89*			1989/90*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL
PRIVATE CARS+	24941	471	25412	21480	719	22199
TAXI	2612	28	2640	1883	204	2087
GOVERNMENT CARS	8106	854	8960	8013	986	8999
DIPLOMATIC CARS	601	190	791	704	195	899
UNITED NATIONS CARS++	1517	509	2026	1344	398	1742
AID VEHICLES	2543	419	2962	2244	348	2592
MICRO COMMERCIAL BUSES	2583	87	2670	2626	214	2840
PUBLIC COMMERCIAL BUSES	1062	226	1288	831	32	863
COMMERCIAL PICK-UPS	5170	189	5359	5543	913	6456
HEAVY COMMERCIAL TRUCKS	5647	674	6321	4939	308	5247
HEAVY TRUCK TRAILORS	2311	154	2465	1533	78	1611
BENZINE TRUCKS	861	115	976	842	40	882
BENZINE TRUCK TRAILORS	546	63	609	554	14	568
MOTOR CYCLES	1079	597	1676	992	452	1444
OTHER VEHICLES	201	61	262	363	62	425
TOTAL	59780	4637	64417	53891	4963	58854

*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

SOURCE:- ROAD TRANSPORT AUTHORITY

TABLE R7:- NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED
IN ETHIOPIA BY TYPE OF SERVICE

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

ADMINISTRATIVE REGION	BY ADMINISTRATIVE REGION								
	1985/86*			1986/87*			1987/88*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSI	1384	17	1401	1454	38	1492	1343	61	1404
BALE	155	-	155	294	-	294	309	8	317
ERITREA	5646	70	5716	5915	23	5938	6582	86	6668
ASEB ADMIN.	903	-	903	923	-	923	810	-	810
GAMO GOFA	230	1	231	243	6	249	217	15	232
GOJAM	517	1	518	625	4	629	633	15	648
GONDER	568	3	571	549	6	555	649	11	660
HARERGE	1895	-	1895	1354	1	1355	1737	-	1737
ILUBABOR	256	3	259	389	3	392	359	16	375
KEFA	1017	27	1044	1030	4	1034	1038	28	1066
ADDIS ABABA	45499	3134	48633	41505	5266	46771	44230	3870	48100
SIDAMO	1245	-	1245	1397	4	1401	1594	97	1691
TIGRAY	323	-	323	353	2	355	255	9	264
WELEGA	488	5	493	306	1	307	540	-	540
WELO	1020	9	1029	856	19	875	790	1	791
TOTAL	61146	3270	64416	57193	5377	62570	61086	4217	65303

TABLE R7:- (CONT'D)

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSI	1083	22	1105	1413	32	1445
BALE	290	12	302	313	14	327
ERITREA	6352	71	6423	3809	38	3847
ASEB ADMIN.	787	25	812	532	103	635
GAMO GOFA	165	13	178	294	22	316
GOJAM	659	5	664	363	16	379
GONDER	730	26	756	533	9	542
HARERGE	1928	38	1966	1624	220	1844
ILUBABOR	306	-	306	148	-	148
KEFA	640	20	660	986	26	1012
ADDIS ABABA	44048	4346	48394	41336	4370	45706
SIDAMO	1424	34	1458	1356	86	1442
TIGRAY	15	-	15	-	-	-
WELEGA	480	14	494	367	18	385
WELO	893	11	904	817	9	826
TOTAL	59780	4637	64417	53891	4963	58854

*YEAR ENDING JULY 7

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

SOURCE:- ROAD TRANSPORT AUTHORITY

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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	33	1	34	...	...	...
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	3320	65	3385	...	...	...
3. CLERICAL AND RELATED PERSONNEL	956	257	1213	...	...	...
4. SALES WORKERS	-	-	-	...	...	...
5. SERVICE WORKERS	3007	65	3072	...	...	...
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	12303	128	12431	...	...	...
7. OTHERS	-	-	-	...	...	...
TOTAL	19619	516	20135	...	...	...

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN ROAD AUTHORITY

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

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	206	1	207	...	...	...
BALE	764	7	771	...	...	...
ERITREA	601	15	616	...	...	...
ASEB ADMIN.	77	2	79	...	...	...
GAMO GOFA	574	3	577	...	...	...
GOJAM	1470	24	1494	...	...	...
GONDER	1085	32	1117	...	...	...
HARERGE	1577	38	1615	...	...	...
ILUBABOR	1815	23	1838	...	...	...
KEFA	975	20	995	...	...	...
SHEWA	5346	109	5455	...	...	...
ADDIS ABABA	1121	210	1331	...	...	...
SIDAMO	1371	8	1379	...	...	...
TIGRAY	79	1	80	...	...	...
WELEGA	525	2	527	...	...	...
WELO	2033	21	2054	...	...	...
TOTAL	19619	516	20135	...	...	...

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN ROAD AUTHORITY

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

SALARY GROUP (BIRR)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	12735	127	12862	...	...	...
150-249	1588	55	1643	...	...	...
250-349	2590	93	2683	...	...	...
350-449	1589	150	1739	...	...	...
450-549	287	56	343	...	...	...
550-649	615	32	647	...	...	...
650-749	118	2	120	...	...	...
750-849	41	1	42	...	...	...
850-949	17	-	17	...	...	...
950-1049	18	-	18	...	...	...
1050-1149	2	-	2	...	...	...
1150-1249	11	-	11	...	...	...
1250-1349	-	-	-	...	...	...
1350 & ABOVE	8	-	8	...	...	...
TOTAL	19619	516	20135	...	...	...

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN ROAD AUTHORITY

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

ADMINISTRATIVE REGION	1985/86*			1986/87*			1987/88*		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSI	176	59	235	176	59	235	176	59	235
BALE	147	-	147	163	-	163	147	-	147
ERITREA	266	567	833	266	567	833	266	567	833
ASEB ADMIN.	-	-	-	4	72	76	-	72	72
GAMO GOFA	152	-	152	167	-	167	152	-	152
GOJAM	930	91	1021	990	91	1081	938	91	1029
GONDER	695	15	710	716	15	731	695	15	710
HARERGE	1447	336	1783	1500	366	1866	1592	366	1958
ILUBABOR	551	127	678	644	127	771	677	127	804
KEFA	571	220	791	571	220	791	571	220	791
SHEWA	1271	1407	2678	1294	1410	2704	1321	1433	2754
SIDAMO	381	508	889	392	508	900	381	508	889
TIGRAY	622	48	670	622	48	670	622	48	670
WELEGA	873	-	873	986	-	986	879	-	879
WELO	442	579	1021	442	579	1021	432	589	1021
TOTAL	8524	3957	12481	8933	4062	12995	8849	4095	12944
RURAL ROADS			4539			4917			5605
GRAND TOTAL			17020			17912			18549

TABLE R11:- (CONT'D)

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSI	176	59	235	176	59	235
BALE	230	-	230	230	-	230
ERITREA	332	567	899	332	495	827
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	725	129	854	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	9270	4109	13379	9287	4109	13396
RURAL ROADS			5232			5550
GRAND TOTAL			18611			18946

*YEAR ENDING JULY 7

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

SOURCE:- ETHIOPIAN ROAD AUTHORITY

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

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1985/86	18935	908	19843	109	90	199	20042
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

*YEAR ENDING JULY 7

SOURCE:- ROAD TRANSPORT AUTHORITY

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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	111	10	121	119	9	128
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	12	11	23	44	11	55
3. CLERICAL AND RELATED PERSONNEL	540	369	909	925	489	1414
4. SALES WORKERS	18	7	25	18	7	25
5. SERVICE WORKERS	317	149	466	318	154	472
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	2741	570	3311	2391	520	2911
7. OTHERS	-	-	-	-	-	-
TOTAL	3739	1116	4855	3815	1190	5005

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

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

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	20	1	21	21	3	24
BALE	9	2	11	12	2	14
ERITREA	68	18	86	70	18	88
ASEB ADMIN.	2	2	4	2	2	4
GAMO GOFA	6	-	6	16	2	18
GOJAM	61	14	75	55	17	72
GONDER	35	5	40	33	7	40
HARERGE	106	21	127	108	22	130
ILUBABOR	9	-	9	9	-	9
KEFA	92	14	106	91	10	101
SHEWA	209	26	235	210	27	237
ADDIS ABABA	2975	987	3962	3047	1055	4102
SIDAMO	31	9	40	31	7	38
TIGRAY	-	-	-	-	-	-
WELEGA	20	1	21	18	2	20
WELO	96	16	112	92	16	108
TOTAL	3739	1116	4855	3815	1190	5005

*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)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	1121	553	1674	990	456	1446
150-249	1240	177	1417	1059	166	1225
250-349	593	203	796	748	250	998
350-449	325	113	438	422	179	601
450-549	237	38	275	290	74	364
550-649	98	19	117	160	48	208
650-749	59	4	63	67	4	71
750-849	24	5	29	25	9	34
850-949	12	2	14	19	2	21
950-1049	7	-	7	8	-	8
1050-1149	7	-	7	10	-	10
1150-1249	7	1	8	8	1	9
1250-1349	3	-	3	5	-	5
1350 & ABOVE	6	1	7	4	1	5
TOTAL	3739	1116	4855	3815	1190	5005

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

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

BUSES		1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
SIZE	OWNERSHIP					
LARGE	PUBLIC	175	232	194	256	205
	PRIVATE	270	304	372	396	383
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	1385	1306	1458	1332	1421
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	1502	1295	1538	1246	1268
TOTAL		3332	3137	3562	3230	3277

*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	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
LARGE	PUBLIC	2158	3071	3509	4088	2980
	PRIVATE	4780	5133	4758	4891	4694
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	28318	28784	30641	40743	40078
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	12400	13062	12944	12770	12183
TOTAL		47656	50050	51852	62492	59935

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

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

BUSES		IN'000 Kms				
SIZE	OWNERSHIP	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
LARGE	PUBLIC	8047	10242	12748	15723	13124
	PRIVATE	14772	13092	14299	15108	16636
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	54064	55308	56693	65298	61229
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	35783	37764	37928	35553	33792
TOTAL		112666	116406	121668	131682	124781

*YEAR ENDING JULY 7

SOURCE :- PUBLIC TRANSPORT CORPORATION

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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	60	5	65	...	...	...
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	126	27	153	...	...	...
3. CLERICAL AND RELATED PERSONNEL	883	417	1300	...	...	...
4. SALES WORKERS	25	8	33	...	...	...
5. SERVICE WORKERS	767	157	924	...	...	...
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	2388	27	2415	...	...	...
7. OTHERS	-	-	-	...	...	...
TOTAL	4249	641	4890	...	...	...

*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	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	24	4	28	24	4	28
BALE	13	2	15	23	1	24
ERITREA	354	49	403	344	52	396
ASEB ADMIN.	343	19	362	359	28	387
GAMO GOFA	11	1	12	10	1	11
GOJAM	40	7	47	44	7	51
GONDER	13	5	18	13	8	21
HARERGE	91	12	103	87	11	98
ILUBABOR	12	3	15	54	8	62
KEFA	43	5	-	-	-	-
SHEWA	289	28	317	277	27	304
ADDIS ABABA	2898	488	3386	3031	543	3574
SIDAMO	13	2	15	13	2	15
TIGRAY	26	2	-	-	-	-
WELEGA	44	6	50	44	6	50
WELO	35	8	43	48	8	56
TOTAL	4249	641	4890	4371	706	5077

*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)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	641	118	759	770	171	941
150-249	739	132	871	763	146	909
250-349	1114	159	1273	1137	161	1298
350-449	1077	85	1162	1033	85	1118
450-549	263	74	337	259	71	330
550-649	149	48	197	151	48	199
650-749	83	6	89	78	6	84
750-849	93	14	107	91	14	105
850-949	33	4	37	34	3	37
950-1049	34	-	34	34	-	34
1050-1149	6	1	7	7	1	8
1150-1249	6	-	6	4	-	4
1250-1349	2	-	2	2	-	2
1350 & ABOVE	9	-	9	8	-	8
TOTAL	4249	641	4890	4371	706	5077

*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					
1985/86	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL		
1	32	543	305	470	1318	1350	
2	-	542	171	353	1066	1066	
3	-	296	256	519	1071	1071	
4	-	328	208	596	1132	1132	
5	738	608	-	-	608	1346	
6	135	739	-	-	739	874	
TOTAL	905	3056	940	1938	5934	6839	

TABLE R22 (CONT'D)

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1986/87		HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
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	483	525
TOTAL	968	3378	1129	2120	6627	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	621	325	608	1554	1655
2	-	565	565	207	407	1179	1179
3	-	405	405	357	635	1397	1397
4	-	313	313	223	553	1089	1089
5	774	956	956	-	-	956	1730
6	146	936	936	-	-	936	1082
TOTAL	1021	3796	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	-	-	740	1435
6	148	1167	1167	-	-	1167	1315
ASMARA	107	532	532	46	153	731	838
TOTAL	950	3923	3923	980	1945	6848	7798

TABLE R22 (CONT'D)

OWNERSHIP	PUBLIC		PRIVATE			GRAND TOTAL
	YEAR*	ZONE	TYPE			
1989/90	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	TOTAL
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	985	-	-	985	1157
ASMARA	129	161	52	176	389	518
TOTAL	865	3148	973	2132	6253	7118

*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	1986/87*			1987/88*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	12464	574471	586935	81500	867500	949000
2	6325	895565	901890	-	921000	921000
3	3277	924844	928121	-	1007600	1007600
4	19143	821464	840607	-	896300	896300
5	574016	1060105	1634121	672400	795100	1467500
6	-	-	-	-	-	-
ASMARA	53900	347200	-	-	-	-
TOTAL	669125	4623649	5292774	753900	4487500	5241400

TABLE R23 (CONT'D)

IN TONS

ZONE	1988/89*			1989/90*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	-	572800	572800	-	543400	543400
2	-	861300	861300	-	709300	709300
3	-	926700	926700	-	838600	838600
4	-	998800	998800	-	854600	854600
5	698700	843200	1541900	552300	909900	1462200
6	149400	982700	1132100	145200	908600	1053800
ASMARA	103700	307800	411500	69000	282200	351200
TOTAL	951800	5493300	6445100	766500	5046600	5813100

*YEAR ENDING JULY 7

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

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

IN '000 Kms

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1986/87	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	TOTAL	
1	469	10931	10446	8309	29686	30155	
2	43	11442	3304	8587	23333	23376	
3	2714	10292	7774	32551	50617	53331	
4	655	10438	7222	21708	39368	40023	
5	31489	49873	-	-	49873	81362	
6	4664	35894	-	-	35894	40558	
ASMARA	1423	3769	983	1262	6014	7437	
TOTAL	41457	132639	29729	72417	234785	276242	

TABLE R24 (CONT'D)

IN '000 Kms

OWNERSHIP YEAR* ZONE	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
1987/88	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	TOTAL	
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	TOTAL	TOTAL	
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*	PUBLIC	PRIVATE				TOTAL	GRAND TOTAL
		TYPE					
ZONE		HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
1989/90							
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

*YEAR ENDING JULY 7

SOURCE :- FREIGHT TRANSPORT CORPORATION

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

TON/KM IN MILLION

ZONE	1986/87*			1987/88*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	4.9	151.2	156.1	9.6	191.6	201.2
2	0.9	146.5	147.4	-	153.5	153.5
3	0.7	166.6	167.3	-	173.6	173.6
4	12.3	179.1	191.4	-	185.9	185.9
5	482.0	855.6	1337.6	545.6	638.9	1184.5
6	-	-	-	-	-	-
ASMARA	9.1	44.4	-	-	-	-
TOTAL	509.9	1543.3	2053.2	555.2	1343.5	1898.7

TABLE R25 (CONT'D)

TON/KM IN MILLION

ZONE	1988/89*			1989/90*		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	-	161.3	161.3	-	163.8	163.8
2	-	163.6	163.6	-	133.8	133.8
3	-	170.8	170.8	-	163.7	163.7
4	-	182.1	182.1	-	137.0	137.0
5	560.5	647.1	1207.6	438.1	746.1	1184.2
6	121.6	665.9	787.5	120.6	648.6	769.2
ASMARA	12.6	39.9	52.5	9.4	29.7	39.1
TOTAL	694.7	2030.7	2725.4	568.1	2022.7	2590.8

*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
	1985/86	136435	86.4	756276	486.2	892711	572.6
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

*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
1985/86	1135	1406	1042	2094	5677
1986/87	1871	1909	1120	3093	7993
1987/88	2748	2501	1215	3791	10255
1988/89	1533	1460	1052	3965	8010
1989/90	...	...	...	...	...

TABLE R27.- (CONT'D)

YEAR*	NUMBER OF DEATHS				NUMBER OF PERSONS INJURED			
	YOUNG	MATURED**	OLD	TOTAL	YOUNG	MATURED**	OLD	TOTAL
1985/86	312	818	102	1232	1054	3344	286	4684
1986/87	379	851	117	1347	2225	4036	396	6657
1987/88	288	781	146	1215	1271	3458	520	5249
1988/89	11	951	90	1052	47	2705	241	2993
1989/90	...	...	...	...	...	...	...	...

*YEAR ENDING JULY 7

** 19 - 55 YEARS OF AGE

SOURCE :- POLICE HEADQUARTERS, ADDIS ABABA

TABLE R28 - MOTOR VEHICLE TRAFFIC ACCIDENTS IN ADDIS ABABA

YEAR*	TOTAL NUMBER OF ACCIDENTS				TOTAL
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	
1985/86	609	395	146	774	1924
1986/87	643	448	128	846	2065
1987/88	1070	597	177	2300	4144
1988/89	909	475	200	2454	4038
1989/90	...	...	...	...	...

TABLE R28 - (CONT'D)

YEAR*	NUMBER OF DEATHS				NUMBER OF PERSONS INJURED			
	YOUNG	MATURED**	OLD	TOTAL	YOUNG	MATURED**	OLD	TOTAL
1985/86	53	78	15	146	425	607	103	1135
1986/87	53	74	19	146	442	708	103	1253
1987/88	53	84	35	172	512	929	226	1667
1988/89	-	175	23	198	8	1279	97	1384
1989/90	...	...	...	...	...	...	...	...

*YEAR ENDING JULY 7

** 19 - 55 YEARS OF AGE

SOURCE - POLICE HEADQUARTERS, ADDIS ABABA

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

VEHICLES INVOLVED BY TYPE	1986/87*		1987/88*		1988/89*		1989/90*	
	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA
PRIVATE CARS	894	600	940	663	3185	1464	...	...
TAXI	496	358	524	351	527	364	...	...
BUSES	617	152	872	385	924	462	...	...
TRUCKS	1189	194	2809	623	1967	53	...	...
GOVERNMENT CARS	1521	383	2749	1488	3010	1674	...	...
MILITARY CARS	540	137	627	185	842	214	...	...
DIPLOMATIC CARS	64	42	57	47	79	64	...	...
UNITED NATIONS CARS+	269	112	122	40	99	38	...	...
MOTOR CYCLES	66	34	91	35	81	43	...	...
CYCLES	40	8	51	10	39	6	...	...
CART	47	-	73	-	49	-	...	...
SPECIAL VEHICLES	99	9	58	1	75	-	...	...
OTHER	74	33	5	2	15	-	...	...
TOTAL	5916	2062	8978	3830	10892	4382	...	...

+ INCLUDES OTHER INTERNATIONAL ORGANIZATIONS

*YEAR ENDING JULY 7

SOURCE - POLICE HEADQUARTERS, ADDIS ABABA

Railway

This part reviews the operation of the Ethio-Djibouti Railway Company. The railway line stretches to 781 kms between Addis Ababa and Djibouti.

Data regarding the number of employees, rolling stocks, passengers transported, quantity of freight carried and financial operation of the company are presented in Tables W1-W9.

Turning to the number of employment situation, about 86.3 percent of the 2592 employees in 1989/90 were Ethiopians while the remaining 13.7 % were Djiboutians. During the three years, i.e., from 1986/87 to 1988/89, the number of rolling stocks remained unchanged, 798 in number. But it showed a sharp downfall to 660 in 1989/90 which is a 17.3 percent decline. Parallel to this, freight transport in 1989/90 has been on the decrease as against a year before.

Both the volume of imports and exports transported in 1989/90 decreased over that of the previous year. But internal transport of goods increased by 21.7% from 64.4 thousand tons in 1988/89 to about 78.4 thousand tons in 1989/90.

Reviewing the financial operations, the company showed a decline in its revenue by 2.6 % and an increment in its expenditure by about 1% in 1989/90 against the previous year. The company incurred a loss of about Birr 4 million in 1989/90, a significant increment compared to a loss of about Birr 2.9 million in 1988/89.

Fig.9:- Freight transported by
Ethio - Djibouti Railway

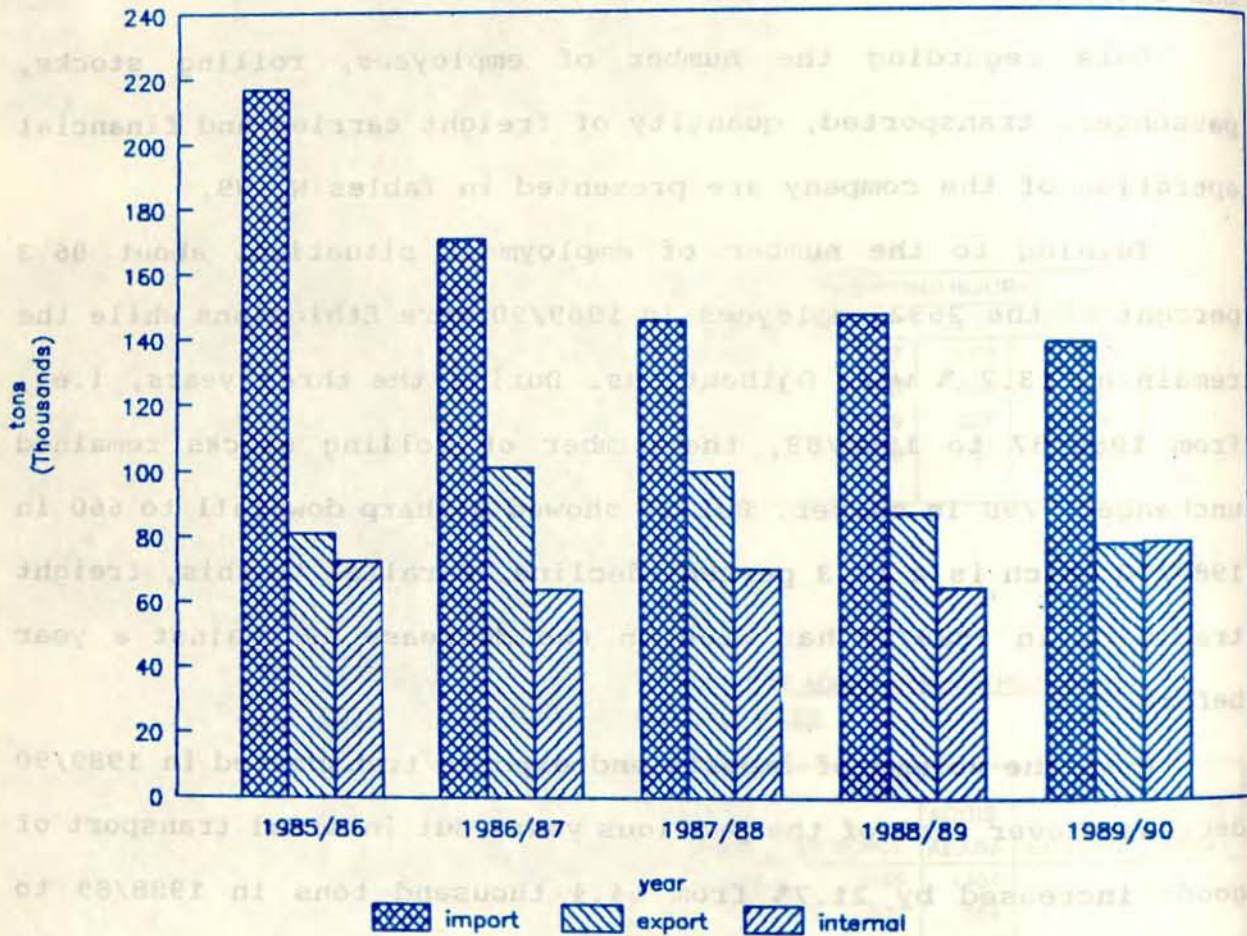


TABLE W1:- NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY OCCUPATION AND SEX

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	59	6	65	57	6	63
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	134	9	143	134	9	143
3. CLERICAL AND RELATED PERSONNEL	326	34	360	336	45	381
4. SALES WORKERS	15	6	21	15	6	21
5. SERVICE WORKERS	227	55	282	234	53	287
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1724	-	1724	1697	-	1697
7. OTHERS	-	-	-	-	-	-
TOTAL	2485	110	2595	2473	119	2592

*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)	1988/89*						GRAND TOTAL
	ETHIOPIANS			DJIBOUTIANS			
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	750	25	775	-	-	-	775
150-249	691	15	706	107	3	110	816
250-349	203	9	212	84	1	85	297
350-449	126	8	134	44	-	44	178
450-549	70	17	87	35	-	35	122
550-649	72	4	76	16	3	19	95
650-749	96	12	108	4	1	5	113
750-849	49	8	57	11	1	12	69
850-949	34	-	34	15	-	15	49
950-1049	18	1	19	6	-	6	25
1050-1149	4	-	4	8	-	8	12
1150-1249	1	-	1	9	1	10	11
1250-1349	-	-	-	4	-	4	4
1350 AND ABOVE	13	1	14	15	-	15	29
TOTAL	2127	100	2227	358	10	368	2595

TABLE W2:- (CONT'D)

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

*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	
1985/86	2105	89	2194	375	4	379	2573
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

*YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

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

	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
LENGTH OF RAILWAYS (Kms)	781	781	781	781	781
ROLLING STOCKS (NUMBER)					
(I) STEAM LOCOMOTIVES AND LOCOTRACTORS	7	7	7	7	4
(II) DIESEL-ELECTRIC LOCOMOTIVES	34	34	34	34	17
(III) PASSENGER CARS	63	63	63	63	36
(IV) FREIGHT CARS	624	624	678	678	590
(V) AUTORAILS	6	6	6	6	6
(VI) OTHERS	14	10	10	10	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		
1985/86	115	939	1054	276	262	216.6	80.8	72.5	369.9	166	448.8
1986/87	109	1096	1205	315	261	170.5	101.1	63.8	335.4	150	447
1987/88	143	1169	1312	342	261	145.8	99.7	70.3	315.8	141	445
1988/89	155	940	1095	297.6	271.9	147.5	87.2	64.3	299	128.6	430.2
1989/90	160	809	969	277	285.9	139	77.9	78.5	295.4	126.1	426.9

*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				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
FOOD AND LIVE ANIMALS	142.5	71.8	53	64.4	56.9
BEVERAGES AND TOBACCO	0.3	0.4	-	-	0.6
CRUDE MATERIALS EXCEPT FUELS	0.7	0.7	0.2	0.3	1.2
FUELS, LUBRICANTS AND RELATED MATERIALS	34.4	41.5	41.7	40.6	39.2
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS AND COMPOUNDS	7.1	15	4.9	2.7	3.5
MANUFACTURED ARTICLES	21.9	32.9	37	27.8	22.1
MACHINERY AND TRANSPORT EQUIPMENT	2.1	2.4	2.1	1.8	2.7
MISCELLANEOUS ARTICLES N.E.S	7.5	6.3	6.9	9.8	12.8
TOTAL	216.5	171	145.8	147.4	139

*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				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
FOOD AND LIVE ANIMALS	76.8	93.5	93.1	84.7	76.2
BEVERAGES AND TOBACCO	0.2	0.1	0.2	0.1	0.1
CRUDE MATERIALS EXCEPT FUELS	0.2	0.2	0.1	0.4	-
FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	-	0.1	-
ANIMAL AND VEGETABLE OILS AND FATS	0.8	-	-	-	-
CHEMICALS	-	-	-	0.1	-
MANUFACTURED ARTICLES	0.1	0.4	0.4	0.2	0.2
MACHINERY AND TRANSPORT EQUIPMENT	0.1	0.1	0.2	0.1	0.1
MISCELLANEOUS ARTICLES N.E.S	3.3	6.7	5.6	1.5	1.3
TOTAL	81.5	101	99.6	87.2	77.9

*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				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
FOOD AND LIVE ANIMALS	56.6	45.1	41.9	38.3	49.4
BEVERAGES AND TOBACCO	0.8	1	1	0.9	1
CRUDE MATERIALS EXCEPT FUELS	1.4	2.4	6.6	8.3	7.4
FUELS, LUBRICANTS AND RELATED MATERIALS	0.2	0.3	0.5	0.7	0.7
ANIMAL AND VEGETABLE OILS AND FATS	-	-	-	-	-
CHEMICALS	0.4	1	1.9	0.2	0.1
MANUFACTURED ARTICLES	10.8	10	13.2	12.4	12.9
MACHINERY AND TRANSPORT EQUIPMENT	1.1	1.7	2.8	1.6	4.7
MISCELLANEOUS ARTICLES N.E.S	1.2	2.2	2.4	2	2.2
TOTAL	72.5	63.7	70.3	64.4	78.4

*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
1985/86	9874	18904	1297	30075	15918	9131	5608	30657
1986/87	11138	18612	4301	34051	16395	13568	6179	36142
1987/88	12537	16836	4268	33641	16315	10032	3393	29740
1988/89	16220.9	11376.6	940.2	28537.7	15816.5	11983.9	3652.3	31452.7
1989/90	16040	10886.9	868.1	27795	16776.3	11260.9	3722.4	31759.6

*YEAR ENDING JULY 7

SOURCE: - ETHIO-DJIBOUTI RAILWAY COMPANY

Harbor, Inland Waterways and Shipping lines

The data in this section of the bulletin deal with activities of ports, inland waterways and 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. The ships that called at both ports in 1989/90 were 498 for Aseb and 92 for Mitsiwa**.

Tables H6 and H7 present the volume and value of imports and exports handled at both ports, respectively. Table H8 shows the activities of inland waterways. Some of the lakes and rivers in the country are utilized for the transportation of passengers and freight. Motor boats of different size in lakes Tana, Abaya and Chamo, and rivers, Baro and Akobo are used for this purpose. More than 102 thousand passengers and 2.9 thousand tons of freight were carried on these lakes and rivers in 1989/90.

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

In 1989/90 the Shipping Lines Corporation had a staff of 464

of various occupation and of these technical personnel constituted 24.6% .

The volume of freight carried by the Shipping Lines in the international route decreased from 329,413 tons in 1988/89 to 310,269 tons in 1989/90 revealing a decline of 5.8% . Likewise in the coastal area it decreased from 298,693 tons in 1988/89 to 236,357 tons in 1989/90 exhibiting a 20.9 % decline. However the number of ships increased by one during the same period.

Table H13 presents the financial condition of the corporation. Revenue of the company amounted to 133.7 million in 1989/90 showing a downfall of 12.7% compared to the previous year. Like-wise expenditure of the corporation went down by 14% i.e, from 148.3 million in 1988/89 to 127.6 million in 1989/90 . The Shipping Lines Corporation made a profit of 6.1 million in 1989/90.

* Due to the then prevailing condition data on number of employees for 1989/90 are not available.

** The data for Mitsiwa in 1989/90 are for only 5 months.

Fig.10: EXPORT-IMPORT VIA ASEB

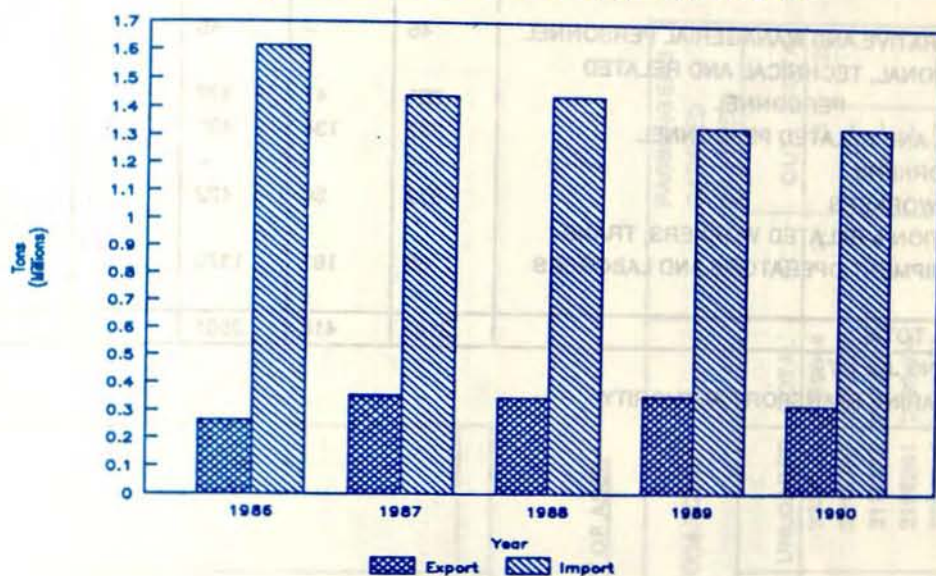


Fig.11: EXPORT-IMPORT VIA MITSWA

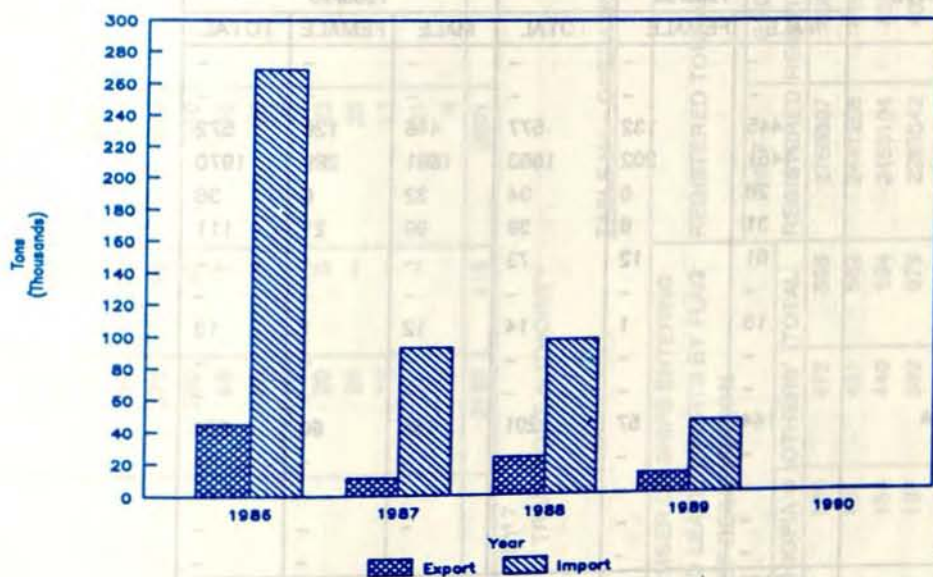


TABLE H1:- NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY
BY OCCUPATION AND SEX

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	45	-	45	...	...	...
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	281	47	328	...	...	...
3. CLERICAL AND RELATED PERSONNEL	297	134	431	...	...	...
4. SALES WORKERS	-	-	-	...	...	...
5. SERVICE WORKERS	372	50	422	...	...	...
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1188	187	1375	...	...	...
7. OTHERS	-	-	-	...	...	...
TOTAL	2183	418	2601	...	...	...

*YEAR ENDING JULY 7

SOURCE:-MARINE TRANSPORT AUTHORITY

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

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	-	-	-	-	-	-
BALE	-	-	-	-	-	-
ERITREA	445	132	577	446	126	572
ASEB ADMIN	1461	202	1663	1681	289	1970
GAMO GOFA	28	6	34	32	6	38
GOJAM	31	8	39	90	21	111
GONDER	61	12	73	-	-	-
HARERGE	-	-	-	-	-	-
ILUBABOR	13	1	14	12	1	13
KEFA	-	-	-	-	-	-
SHEWA	-	-	-	-	-	-
ADDIS ABABA	144	57	201	164	60	224
SIDAMO	-	-	-	-	-	-
TIGRAY	-	-	-	-	-	-
WELEGA	-	-	-	-	-	-
WELO	-	-	-	-	-	-
TOTAL	2183	418	2601	2425	503	2928

*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)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	27	24	51	...	...	...
150-249	328	58	386	...	...	...
250-349	452	151	603	...	...	...
350-449	438	100	538	...	...	...
450-549	378	40	418	...	...	...
550-649	280	30	310	...	...	...
650-749	99	7	106	...	...	...
750-849	85	4	89	...	...	...
850-949	16	1	17	...	...	...
950-1049	20	3	23	...	...	...
1050-1149	23	-	23	...	...	...
1150-1249	12	-	12	...	...	...
1250-1349	21	-	21	...	...	...
1350 AND ABOVE	4	-	4	...	...	...
TOTAL	2183	418	2601	...	...	...

*YEAR ENDING JULY 7

SOURCE:-MARINE TRANSPORT AUTHORITY

TABLE H4:- OPERATIONS AT THE PORT OF ASEB

YEAR*	NUMBER OF SHIPS ENTERING AND LEAVING PORTS BY FLAG OF REGISTRATION			REGISTERED TONNAGE		CARGO(M.TONS)			PASSENGERS CARRIED (NUMBER)		
	ETHIOPIA'S	OTHERS'	TOTAL	NET REGISTERED	GROSS REGISTERED	LOADED	UNLOADED	TOTAL	IN	OUT	TOTAL
1985/86	126	472	598	2765307	4568377	531021	2338823	2869844	11	11	22
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

*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 REGISTERED	GROSS REGISTERED	LOADED	UNLOADED	TOTAL	IN	OUT	TOTAL
	ETHIOPIA'S	OTHERS'	TOTAL								
1985/86	101	128	229	1065086	1669248	47556	546421	593977	162	104	266
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

*YEAR ENDING JULY 7

**FOR FIVE MONTHS ONLY

SOURCE:-MARINE TRANSPORT AUTHORITY

TABLE H6:- EXPORT-IMPORT VIA ASEB

COMMODITY	1987				1988			
	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	84690.8	434516.9	333626	158663.1	110787.3	604344.6	447226.3	249119.4
BEVERAGES AND TOBACCO	31.9	32.3	575.9	7041.7	105.5	121.4	1193.5	9764.8
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	27567.7	143384.6	8665.6	25939.7	21098.9	142019.9	10588.7	21729.6
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	242946.9	44037.5	792464	219330.1	207700.4	26292	783414	210501.6
ANIMAL AND VEGETABLE OILS AND FATS	207.1	1399.2	11741.2	13413.8	5723.9	3390	24648.2	40407.3
CHEMICAL ELEMENTS AND COMPOUNDS	16.1	93.2	172333.5	175929.6	14.7	54	72350.9	125951.9
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	50.3	249.1	65435.2	171189.1	187.1	1207.3	55580.7	163741.3
MACHINERY AND TRANSPORT EQUIPMENT	-	-	51558.5	529358.9	-	-	42453.6	519226.2
MISCELLANEOUS MANUFACTURED ARTICLES	21.1	434.4	5833.1	38903.3	87.4	1414.5	4939.6	32845.7
COMMODITIES N.E.S.	-	-	7	197.5	-	-	-	-
TOTAL	355531.9	624147.2	1442240	1339966.	345705.2	778843.7	1442395.5	1373287.8

TABLE H6 (CONT'D)

COMMODITY	1989				1990			
	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	115223.9	630946.8	184667.4	124097.7	98203.5	319616.8	356837	252036.3
BEVERAGES AND TOBACCO	348	807.4	11.5	32.9	1010.3	2275	510.5	2366.3
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	19034.2	141804	11893.7	25705.7	10669	129429.3	24660.4	46409.4
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	216331.7	37359	776350.7	210851.5	209512.7	42443.9	732239.4	258340.8
ANIMAL AND VEGETABLE OILS AND FATS	1855.7	1685	5589.9	13392.9	195.5	1321.2	18271.5	36789
CHEMICAL ELEMENTS AND COMPOUNDS	-	-	251836.1	256483.1	30.6	170.1	111880.8	157285.6
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	789.2	10365	71498.8	184369.5	835	8132.3	65110.6	261995.1
MACHINERY AND TRANSPORT EQUIPMENT	-	-	30912.7	414623.3	-	-	29420.7	493505
MISCELLANEOUS MANUFACTURED ARTICLES	72.5	1011.7	4261.8	36193.2	209	1198.4	3079.9	43585.8
COMMODITIES N.E.S.	-	-	14.8	173.3	-	-	-	-
TOTAL	353655.2	823978.9	1337037.4	1265923.	320665.6	504587	1342010.8	1552313.3

SOURCE:- CUSTOMS AUTHORITY

TABLE H7.- EXPORT-IMPORT VIA MITSUWA

COMMODITY	1987				1988			
	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	1150.9	2588.1	69816.2	38111.4	3300	985.4	75812.7	40711.1
BEVERAGES AND TOBACCO	-	-	105.8	1501.9	-	-	-	-
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	10092.8	6842.1	471.3	1211	20190	5999.9	614.2	2769.1
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	3107.4	5532.2	-	-	3262.8	6447.1
ANIMAL AND VEGETABLE OILS AND FATS	2.5	16.9	2407.3	2914.9	-	-	611	1319.9
CHEMICAL ELEMENTS AND COMPOUNDS	-	-	5698.3	10210.9	-	-	7068.8	13379.4
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	-	-	9664.4	21642.6	24.1	43.9	8087.8	20718.6
MACHINERY AND TRANSPORT EQUIPMENT	-	-	1412.3	23123.7	-	-	1719.1	25704.1
MISCELLANEOUS MANUFACTURED ARTICLES	-	-	204.2	3597.4	-	-	236.4	2031.7
COMMODITIES N.E.S.	-	-	-	0.1	-	-	-	-
TOTAL	11246.2	9447.1	92887.2	107846.1	23514.1	7029.2	97412.8	113081

TABLE H7 (CONT'D)

COMMODITY	1989				1990			
	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	1650	500.7	17269.1	24090.2	-	-	-	-
BEVERAGES AND TOBACCO	-	-	10.7	128.1	-	-	-	-
CRUDE MATERIALS INEDIBLE EXCEPT FUEL	10238.7	10171.5	1546.6	6398.1	-	-	185	139.5
MINERAL FUELS, LUBRICANTS AND RELATED MATERIALS	-	-	2781.5	4982.1	-	-	-	-
ANIMAL AND VEGETABLE OILS AND FATS	-	-	3702.1	10584.1	-	-	-	-
CHEMICAL ELEMENTS AND COMPOUNDS	-	-	82104.4	18631.5	-	-	44.4	89.8
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	427.9	2056	10153.6	25385.1	-	-	93	221.7
MACHINERY AND TRANSPORT EQUIPMENT	-	-	1185.2	16103.9	-	-	32.5	548.7
MISCELLANEOUS MANUFACTURED ARTICLES	-	-	285.8	2247.1	-	-	2.6	20.5
COMMODITIES N.E.S.	-	-	-	-	-	-	-	-
TOTAL	12316.6	12728.2	119039	108550.2	-	-	357.5	1020.2

SOURCE:- CUSTOMS AUTHORITY

TABLE H8:- ACTIVITIES OF INLAND WATERWAYS

NAME (LAKE OR RIVERS)	1986/87*			1987/88*		
	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)
LAKE TANA	8	96153	2007	8	118278	2300
BARO AND AKOBO (RIVERS)	2	8400	42	2	94	64
ABAYA AND CHAMO (LAKES)	2	-	-	2	12746	77
TOTAL	12	104553	2049	12	131118	2441

TABLE H8 (CONT'D)

NAME (LAKE OR RIVERS)	1988/89*			1989/90*		
	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)	NO. OF BOATS	PASSENGERS CARRIED (NUMBER)	FREIGHT CARRIED (TONS)
LAKE TANA	10	132096	3290	10	94070	2720
BARO AND AKOBO (RIVERS)	-	-	-	2	-	-
ABAYA AND CHAMO (LAKES)	3	2555	3.4	2	8355	197
TOTAL	13	134651	3293.4	14	102425	2917

*YEAR ENDING JULY 7

SOURCE :- MARINE TRANSPORT AUTHORITY

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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	21	4	25	19	3	22
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	104	5	109	107	7	114
3. CLERICAL AND RELATED PERSONNEL	22	24	46	25	24	49
4. SALES WORKERS	7	1	8	6	1	7
5. SERVICE WORKERS	68	8	76	75	8	83
6. PRODUCTION & RELATED WORKERS, TRANS- PORT EQUIPMENT OPERATORS AND LABORERS	188	-	188	188	-	188
7. OTHERS	-	-	-	1	-	-
TOTAL	410	42	452	421	43	464

*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 (BIRR)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	4	3	7	2	3	5
150-249	31	4	35	20	5	25
250-349	44	-	44	43	-	43
350-449	121	11	132	139	11	150
450-549	48	5	53	43	5	48
550-649	27	4	31	35	3	38
650-749	57	9	66	60	11	71
750-849	7	-	7	7	-	7
850-949	36	3	39	35	2	37
950-1049	1	-	1	1	-	1
1050-1149	1	-	1	1	-	1
1150-1249	8	1	9	8	1	9
1250-1349	1	2	3	2	2	4
1350 AND ABOVE	24	-	24	25	-	25
TOTAL	410	42	452	421	43	464

*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	
1985/86	12	63522	34042	89264
1986/87	12	65121	34877	92872
1987/88	12	65121	34877	92818
1988/89	12	67111	35401	93522
1989/90	13	55882	35932	83126

*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	
1985/86	12	68763	211909	280672	80119	149868	229987	510659
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

*YEAR ENDING JULY 7

**EXCLUDING CHARTERED SHIPS

NOTE - IN THE TRANSHIPMENT OF CARGO A NUMBER OF TIME

CHARTERED VESSELS AS FOR INSTANCE 7 IN 1985/86 WERE USED

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
1985/86	99997	102532
1986/87	105944	104965
1987/88	144047	140090
1988/89	153099	148313
1989/90	133732	127605

*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. Hence 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 1018 in 1989/90. The Authority administered 15 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 1989/90 ten types of aircraft belonging to 11 airlines landed at Bole bringing the frequency to 44 per month (excluding Ethiopian) - an 8.3 percent decrease as compared to 48 per month in the previous year. Birr 7.7 million in service charge was collected by the Civil Aviation Authority from the airlines (including Ethiopian).

The number of aircraft landings and take-offs at Bole increased from 5066 in 1988/89 to 5534 in 1989/90. In international

traffic at Bole, passengers arriving and departing have increased in number from 255384 to 270448 for the same period showing a 5.9% rise. The cargo handled (domestic + international traffic) at Bole has decreased from 47485 tons in 1988/89 to 31758 tons in 1989/90 registering a drop of 33.1 percent. Similarly the mail traffic dropped from 991 tons in 1988/89 to 760 in 1989/90 - by 23.3 percent.

In 1989/90 the number of scheduled and unscheduled aircraft passes through Ethiopia's air space reached 16786. Birr 2.4 million in service charge was collected by the Civil Aviation Authority. Number of aircraft passes through Ethiopia's air space is shown in Table A29.

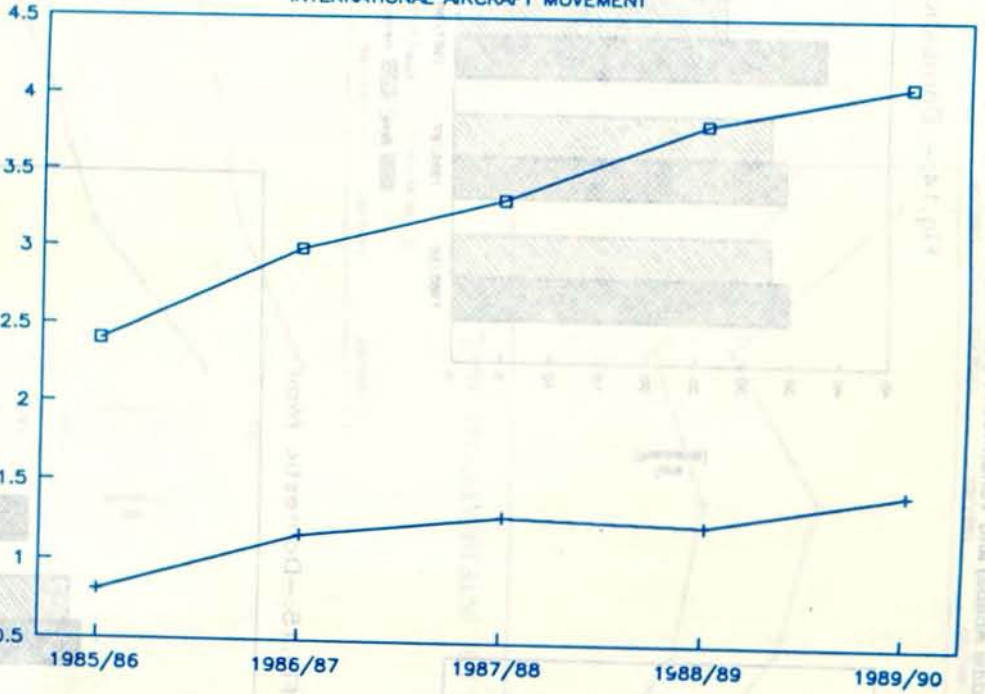
The national carrier Ethiopian Air Lines, had 3350 employees in 1989/90, 12.6% of which were stationed abroad. The number of foreign employees was 304, i.e., 9.1% of the total employees. Female employees accounted for 18.9% of the company's work force.

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 501 million in 1988/89 to Birr 562 million in 1989/90. Likewise expenditure of the airline has shown an increase of 9.6% over the previous year, i.e., from Birr 467 million in 1988/89 to Birr 512 million in 1989/90. Nevertheless the net profit of the company has risen from Birr 34 million to 50 million during the same period.

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

Fig.12: TRAFFIC AT BOLE (ADDIS ABABA)

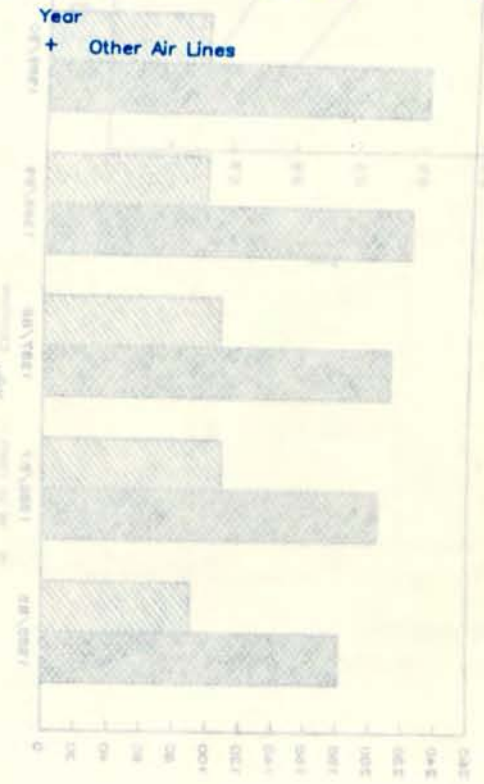
INTERNATIONAL AIRCRAFT MOVEMENT



□ Ethiopian

Year
+ Other Air Lines

Fig. 13 - Domestic movements



Domestic traffic scheduled at Bole (Addis Ababa) and Yohannes IV (Asmara) international airports

Fig.13:- Domestic passengers

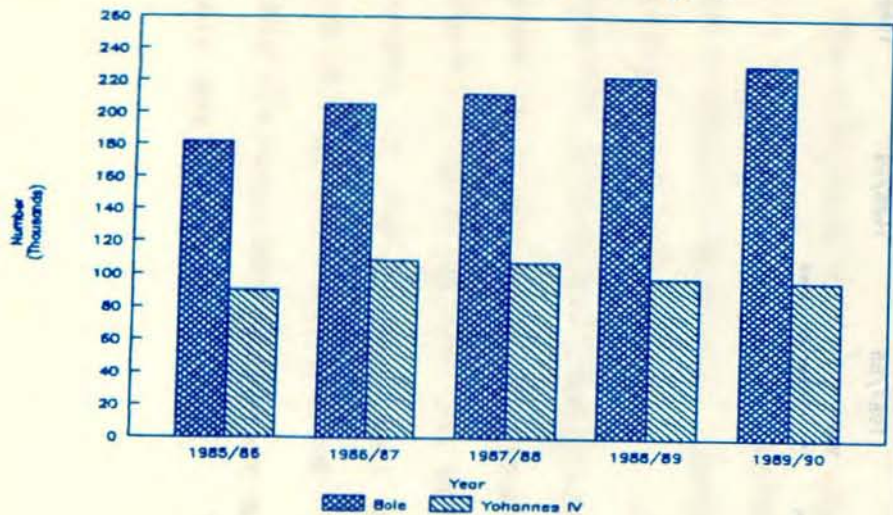


Fig.14:- Domestic freight

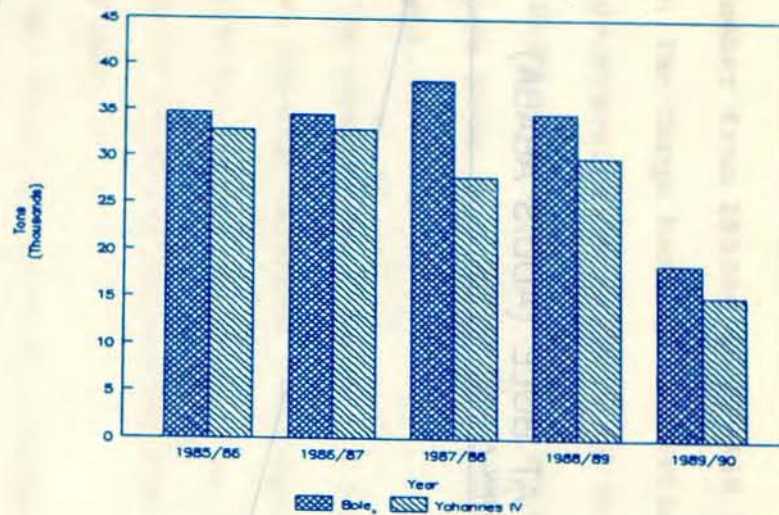
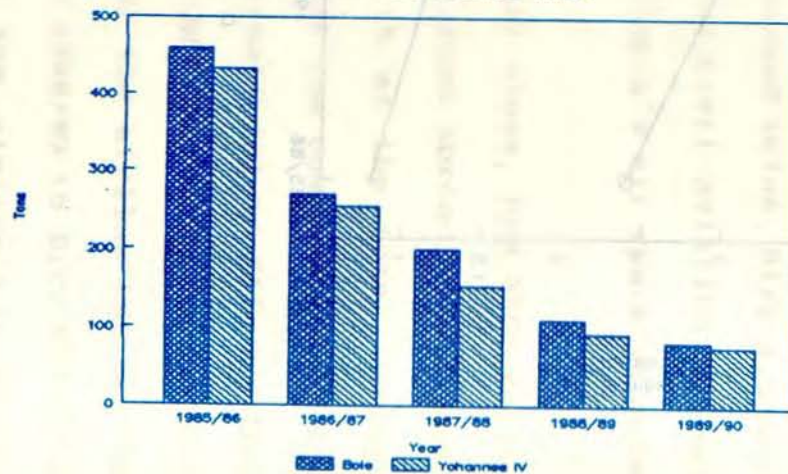


Fig.15:- Domestic mail



International traffic at Bole (Addis Ababa) airport

Fig.16: INTERNATIONAL PASSENGERS

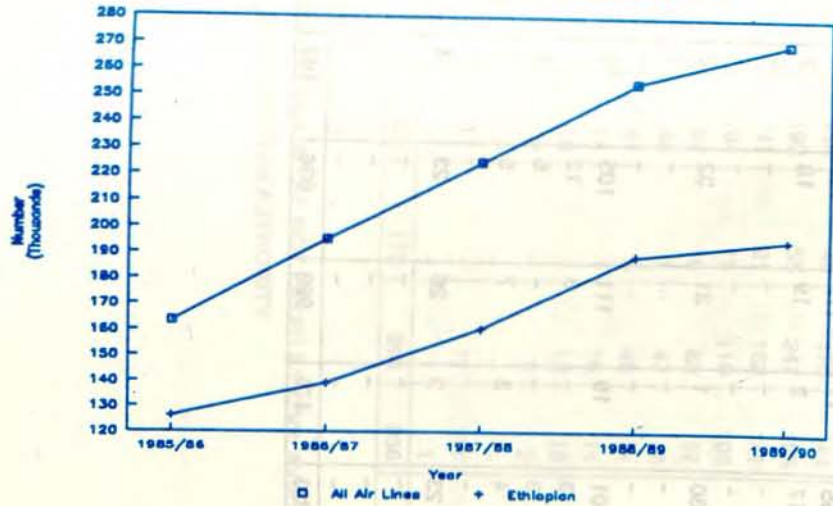


Fig.17: INTERNATIONAL FREIGHT

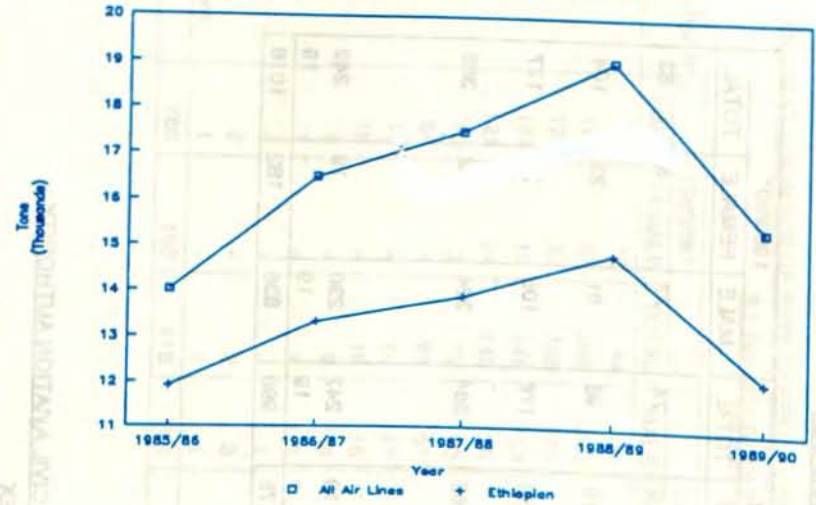
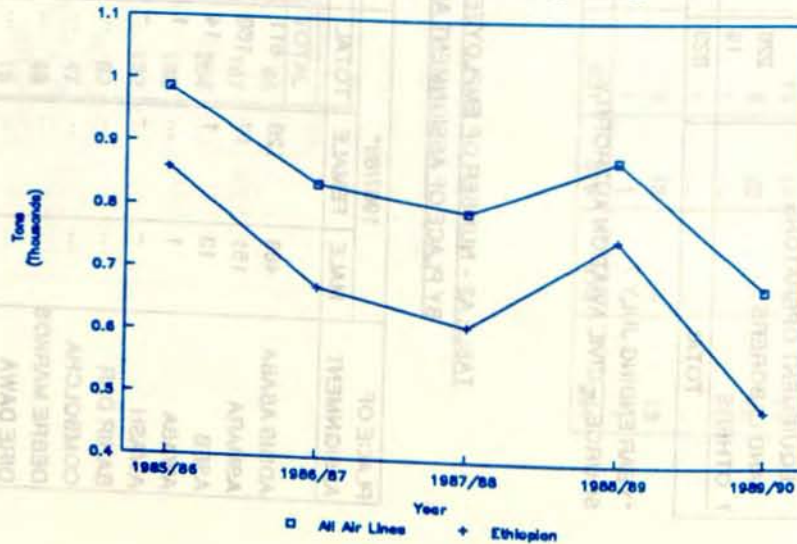


Fig.18: INTERNATIONAL MAIL



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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	68	6	74	77	6	83
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	79	19	98	81	23	104
3. CLERICAL AND RELATED PERSONNEL	107	69	176	105	72	177
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	322	62	384	324	62	386
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	228	19	247	230	19	249
7. OTHERS	19	-	19	19	-	19
TOTAL	823	175	998	836	182	1018

*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	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADDIS ABABA	483	128	611	487	139	626	476	139	615
ASMARA	151	17	168	155	17	172	160	18	178
ASEB	13	1	14	17	2	19	18	2	20
AWASA	1	-	1	-	-	-	-	-	-
AWASH	-	-	-	-	-	-	-	-	-
BAHIR DAR	...	...	...	30	1	31	32	2	34
COMBOLCHA	...	...	...	-	-	...	-	-	-
DEBRE MARKOS	...	...	...	-	-	...	-	-	-
DIRE DAWA	...	...	...	101	10	111	105	10	115
GAMBELA	85	9	94	3	-	3	12	-	12
GOBA	-	-	-	3	-	-	5	5	10
GONDER	3	...	3	4	3	7	5	3	8
GORE	1	...	1	-	-	-	-	-	-
JIMA	22	3	25	23	3	26	23	3	26
NEKEMTE	...	...	...	-	-	-	-	-	-
MITSIWA	...	...	...	-	-	-	-	-	-
MEKELE	1	-	1	-	-	-	-	-	-
TOTAL	760	158	918	823	175	998	836	182	1018

*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)	1985/86*			1986/87*			1987/88*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	31	13	44	34	13	47	50	18	68
150-249	184	61	245	203	63	266	113	32	145
250-349	126	32	158	135	39	174	188	51	239
350-449	134	15	149	132	15	147	122	23	145
450-549	121	24	145	120	24	144	134	25	159
550-649	66	6	72	63	6	69	64	19	83
650-749	54	7	61	51	7	58	52	1	53
750-849	16	-	16	17	-	17	43	5	48
850-949	15	-	15	15	-	15	17	1	18
950-1049	9	-	9	8	-	8	22	-	22
1050-1149	1	-	1	1	-	1	-	-	-
1150-1249	-	-	-	1	-	1	-	-	-
1250-1349	2	-	2	3	-	3	13	-	13
1350 & above	1	-	1	1	-	1	1	-	1
TOTAL	760	158	918	784	167	951	819	175	994

TABLE A3:- (CONT'D)

SALARY GROUP (BIRR)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	47	18	65	46	20	66
150-249	133	43	176	144	43	187
250-349	192	55	247	195	59	254
350-449	141	21	162	141	21	162
450-549	104	15	119	106	16	122
550-649	67	16	83	67	16	83
650-749	46	1	47	46	1	47
750-849	44	5	49	44	5	49
850-949	14	1	15	14	1	15
950-1049	18	-	18	19	-	19
1050-1149	2	-	2	2	-	2
1150-1249	-	-	-	-	-	-
1250-1349	11	-	11	11	-	11
1350 & above	1	-	1	1	-	1
TOTAL	820	175	995	836	182	1018

*YEAR ENDING JULY 7

**THREE EMPLOYEES WERE NOT PAYED 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	
1985/86	ADDIS ABABA	616	11100	67	11783
	ASMARA	-	-	-	-
	DIRE DAWA	-	-	-	-
	OTHERS	1981	-	-	1981
	TOTAL	2597	11100	67	13764
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

*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	AIRLINES	1988/89*		
		AIR CRAFT TYPE	FREQUENCY PER MONTH	SERVICE CHARGE IN BIRR
1	AIR DJIBOUTI	B-737,DC-9	8	168594.8
2	AEROFLOT	IL-62	4	104973.0
3	ALITALIA	A-300	8	201610.4
4	ALYEMDA	B-737,B-727,B-707,DHC-7	4	41742.5
5	CHINA	B-707	4	92250.8
6	ETHIOPIAN AIRLINES	B-720,B-767,B-707C,B-727,B-737	-	7497589.5
7	INTERFLUG**	IL-62	4	16804.4
8	KENYA AIR WAYS	B-707,B-720,DC-9	8	85145.2
9	LUFTHANSA	A-300,DC-8	4	287491.5
10	YEMEN AIR WAYS	B-727	4	57556.8
11	SUDAN AIR WAYS	B-707,B-737	-	1374.0
	TOTAL		48	8555132.7

TABLE A5:- (CONT'D)

SR.NO	AIRLINES	1989/90*		
		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	100153.96
3	ALITALIA	A-300,DC-8	8	186351.5
4	ALYEMDA	B-737	4	47572.7
5	CHINA	B-707	4	75099.75
6	ETHIOPIAN AIRLINES	B-767,B-707C,B-727,B-737	-	6538933.6
7	INTERFLUG**	-	-	-
8	KENYA AIR WAYS	B-707,B-720,DC-9	8	139454.15
9	LUFTHANSA	A-300,DC-8	4	350730.5
10	YEMEN AIR WAYS	B-727	4	57859.75
11	SUDAN AIR WAYS	A-300,B-737	-	158439.2
	TOTAL		44	7749908.0

C- FREIGHT ONLY

*YEAR ENDING JULY 7

**OPERATED ONLY IN THE MONTHS OF JULY AND AUGUST

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A6:- LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE
1988/89*(1981E.C)

SR. NO.	AIRPORT	ADMINIS- TRATIVE REGION	TYPE
01	ADDIS ABABA	SHEWA	INTERNATIONAL
02	ASMARA	ERITREA	"
03	DIRE DAWA	HARERGE	"
04	ASEB	ASEB	DOMESTIC
05	ASOSA	WELEGA	"
06	AXUM	TIGRAY	"
07	BAHIR DAR	GOJAM	"
08	BEICA	WELEGA	"
09	DEMBI DOLLO	WELEGA	"
10	DESE	WOLO	"
11	GAMBELA	ILUBABOR	"
12	GOBA	BALE	"
13	GORE	ILUBABOR	"
14	GONDER	GONDER	"
15	HUMERA	GONDER	"
16	JIMA	KEFA	"
17	KEBRI DAHAR	HARERGE	"
18	KELAFO	HARERGE	"
19	MAJI	KEFA	"
20	MEKELE	TIGRAY	"
21	MEKANESELAM	WOLO	"
22	MITSIWA	ERITREA	"
23	METEMA	GONDER	"
24	SHIRE	TIGRAY	"
25	WAKA	KEFA	"

TABLE A6 (CONTINUED), 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	ASOSSA	ASOSA	"
06	BAHIR DAR	GOJAM	"
07	BEICA	WELEGA	"
08	DEMBIDOLLO	WELEGA	"
09	DESE	WOLO	"
10	GAMBELA	GAMBELA	"
11	GOBA	BALE	"
12	GORE	ILUBABOR	"
13	GONDER	GONDER	"
14	HUMERA	"	"
15	JIMA	ILUBABOR	"
16	MAJI	KEFA	"
17	MEKANESELAM	WOLO	"
18	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	2730	5679
YILMA ABA TENA DEJ.(DIRE DAWA)	364	360	724	16	21	37	8	10	18	388	466	854
YOHANES IV(ASMARA)	135	159	294	3	29	32	13	12	25	151	293	444
TOTAL	3057	3027	6084	241	269	510	190	171	361	3488	3489	6977

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

*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
1985/86	3194	94339	87297	181636	13941	20718	34659	150	309	459
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	109163	223041	11068	17346	28414	29	81	110
1989/90	6320	118570	112006	230576	6944	9347	16291	30	53	83

**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
1985/86	3217	80334	83212	...	163546	9230	4788	14018	678	309	987
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

*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
1985/86	2405	62091	64180	126271	7908	4009	11917	571	288	859
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	5769	14857	525	230	755
1989/90	4070	92663	102577	195240	7041	5117	12158	351	136	487

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
1985/86	812	18243	19032	37275	1321	479	1800	107	21	128
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

*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
1985/86	3141	44483	45931	90414	20259	12540	32799	283	149	432
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	10680	29976	69	24	93
1989/90	2176	46144	50723	96867	8846	6500	15346	50	27	77

*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
1985/86	129	3561	3313	...	6874	200	91	291	14	2	16
1986/87	281	3946	4991	...	8937	333	112	445	16	1	17
1987/88	354	5280	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

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

TABLE A13:- ASEB DOMESTIC AIRPORT DOMESTIC TRAFFIC SCHEDULED

YEAR*	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1985/86	6231	5190	11421	67	19	86	3	2	5
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

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

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

YEAR*	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1985/86	34642	40443	75085	342	1443	1785	2	1	3
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

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

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

YEAR*	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1985/86	1378	3233	4611	598	1588	2186	-	-	-
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	-	-	-

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	195	6	201	193	9	202
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	185	35	220	190	35	225
3. CLERICAL AND RELATED PERSONNEL	568	155	723	540	190	730
4. SALES WORKERS	258	88	346	355	95	450
5. SERVICE WORKERS	315	195	510	250	250	500
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1289	105	1394	1193	50	1243
7. OTHERS	-	-	-	-	-	-
TOTAL	2810	584	3394	2721	629	3350

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN AIRLINES

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

ADMINISTRATIVE REGION	1985/86*			1986/87*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	-	-	-	-	-	-
BALE	7	-	7	10	-	10
ERITREA	66	11	77	93	11	104
ASEB ADMIN.	7	-	7	6	-	6
GAMO GOFA	3	-	3	3	-	3
GOJAM	6	-	6	9	-	9
GONDER	13	-	13	18	-	18
HARERGE	39	2	41	45	3	48
ILUBABOR	6	-	6	3	-	3
KEFA	15	-	15	19	-	19
SIDAMO	1	-	1	1	-	1
SHEWA	2275	498	2773	2345	487	2832
TIGRAY	11	-	11	16	-	16
WELEGA	7	-	7	8	-	8
WELO	16	-	16	9	-	9
TOTAL	2472	511	2983	2585	501	3086

TABLE A17:- (CONT'D)

ADMINISTRATIVE REGION	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	-	-	-	-	-	-	-	-	-
BALE	9	-	9	9	-	9	9	-	9
ERITREA	79	11	90	74	11	85	51	11	62
ASEB ADMIN.	6	-	6	6	-	6	6	-	6
GAMO GOFA	3	-	3	3	-	3	3	-	3
GOJAM	10	-	10	9	-	9	10	-	10
GONDER	18	-	18	15	-	15	14	-	14
HARERGE	44	3	47	45	3	48	48	3	51
ILUBABOR	3	-	3	4	-	4	4	-	4
KEFA	17	-	17	17	-	17	17	-	17
SIDAMO	1	-	1	1	-	1	1	-	1
SHEWA	2309	486	2795	2270	467	2737	2163	518	2681
TIGRAY	14	-	14	12	-	12	11	-	11
WELEGA	8	-	8	6	-	6	6	-	6
WELO	14	-	14	14	-	14	14	-	14
TOTAL	2535	500	3035	2485	481	2966	2357	532	2889

*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	
1985/86	2472	511	2983	-	-	-	2983
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

TABLE A18:- (CONT'D)

YEAR*	ABROAD						TOTAL	GRAND TOTAL
	ETHIOPIANS			FOREIGNERS				
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		
1985/86	82	10	92	211	94	305	397	3380
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

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN AIRLINES

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

CONTINENT	1985/86*			1986/87*			1987/88*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2694 (2472)	566 (511)	3260 (2983)	2758 (2585)	556 (511)	3314 (3066)	2709 (2535)	560 (501)	3269 (3035)
NORTH AND SOUTH AMERICA	2	5	7	3	9	12	3	9	12
ASIA AND MIDDLE EAST	39	12	51	46	13	59	45	13	58
EUROPE	75	32	107	76	29	105	79	34	113
GRAND TOTAL	2810	615	3425	2883	607	3490	2836	616	3452

TABLE A19:- (CONT'D)

CONTINENT	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA** (ETHIOPIA)	2648 (2469)	557 (497)	3205 (2966)	2561 (2357)	584 (532)	3145 (2889)
NORTH AND SOUTH AMERICA	5	9	14	16	6	22
ASIA AND MIDDLE EAST	47	13	60	52	9	61
EUROPE	78	37	115	92	30	122
GRAND TOTAL	2778	616	3394	2721	629	3350

*YEAR ENDING JULY 7

**INCLUDING ETHIOPIA

SOURCE:- ETHIOPIAN AIRLINES

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

SALARY GROUP (BIRR)	1988/89*							GRAND TOTAL
	ETHIOPIANS			FOREIGNERS				
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		
50-149	21	3	24	5	-	5	29	
150-249	150	9	159	15	8	23	182	
250-349	165	12	177	20	5	25	202	
350-449	210	40	250	29	6	35	285	
450-549	183	50	233	10	5	15	248	
550-649	230	115	345	5	3	8	353	
650-749	833	180	1013	6	3	9	1022	
750-849	160	35	195	15	4	19	214	
850-949	112	20	132	7	4	11	143	
950-1049	25	5	30	3	8	11	41	
1050-1149	150	8	158	3	5	8	166	
1150-1249	60	13	73	7	3	10	83	
1250-1349	32	4	36	2	3	5	41	
1350-1449	20	1	21	1	-	1	22	
1450-1549	22	2	24	2	3	5	29	
1550 & above	202	11	213	78	43	121	334	
TOTAL	2575	508	3083	208	103	311	3394	

TABLE A20:- (CONT'D)

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	

*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	1985/86*			1986/87*			1987/88*		
		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	2	-	2
	STRATOLINER 720-B	3	-	3	3	-	3	1	-	1
	TOTAL	5	-	5	5	-	5	3	-	3
TRI ENGINES	BOEING 727-200	3	-	3	3	-	3	-	-	-
2 ENGINES	BOEING 737-200	-	2	2	-	2	2	1	1	2
	BOEING 767-260	2	1	3	2	1	3	3	-	3
	DOUGLAS DC-3/C-47	9	-	9	9	-	9	8	-	8
	LIGHT AIRCRAFT	-	-	-	-	-	-	4	-	4
	ATR-42	-	2	2	-	2	2	2	-	2
	DASH-5	2	-	2	2	-	2	2	-	2
	DASH-6	6	-	6	6	-	6	6	-	6
	TOTAL	19	5	24	19	5	24	26	1	27
GRAND TOTAL	27	5	32	27	5	32	29	1	30	

TABLE A21:- (CONT'D)

CATEGORY	TYPE OF AIRCRAFT	1988/89*			1989/90*		
		ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL
4 ENGINES	DOUGLAS DC-6A/B	-	-	-	-	-	-
	DC-6B	-	-	-	-	-	-
	INTERNATIONAL B707-320C	3	-	3	2	-	2
	STRATOLINER 720-B	-	-	-	-	-	-
TOTAL	3	-	3	2	-	2	
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	4	-	4	-	-	-
	LIGHT AIRCRAFT	16	-	16	15	-	15
	ATR-42	2	-	2	2	-	2
	DASH-5	1	-	1	1	-	1
	DASH-6	5	-	5	5	-	5
	TOTAL	32	-	32	27	-	27
GRAND TOTAL	39	-	39	33	-	33	

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN AIRLINES

TABLE A22: - DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS
1985/86*

TO FROM	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	3742	29372	30963	1275	22204	87556
ASE	3462	-	1613	4	-	111	5190
ASM	29359	1523	-	334	-	13797	45013
DIR	37595	-	516	-	-	2338	40449
JIM	1613	-	-	-	-	2489	4102
OTHERS	22305	55	13030	2982	2513	23919	64804
TOTAL	94334	5320	44531	34283	3788	64858	247114

TABLE A22 (CONT'D), 1986/87*

TO FROM	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	4045	38063	33580	1028	22508	99224
ASE	3841	-	1448	-	-	-	5289
ASM	38706	1280	-	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*

TO FROM	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	52854	33665	4209	64260	269735

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

TO FROM	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

*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 1985/86*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	55	19945	339	9	1222	21570
ASE		8	-	11	-	-	-	19
ASM		12256	11	-	1	-	77	12345
DIR		1398	-	216	-	-	5	1619
JIM		6	-	-	-	-	13	19
OTHERS		57	1	49	-	2	9	118
TOTAL		13725	67	20221	340	11	1326	35690

TABLE A23 (CONT'D), 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

*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

TABLE A24.- DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION
AND MAJOR AIRPORTS 1985/86*

FROM	TO	ADD	ASE	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	2483	292386	1798	5	12337	309009
ASE		1615	-	116	-	-	4	1735
ASM		142839	450	-	239	-	5213	148741
DIR		-	-	-	-	-	480	480
JIM		93	-	-	-	-	921	1014
OTHERS		5932	-	2903	10	88	5776	14709
TOTAL		150479	2933	295405	2047	93	24731	475688

TABLE A24 (CONT'D).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

*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

TABLE A25:- REVENUE OF ETHIOPIAN AIRLINES BY SOURCE

SOURCE	IN MILLION BIRR				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
PASSENGERS	212	223	273	306	335
FREIGHT	69	77	79	82	79
CHARTER	33	25	44	48	78
MAIL	5	4	4	3	3
EXCESS BAGGAGE	11	16	14	17	23
COMMISSION	5	5	6	6	10
MISCELLANEOUS SERVICES	48	33	34	39	34
TOTAL	383	383	454	501	562

*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

TABLE A26 - EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE

PURPOSE	IN MILLION BIRR				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
SALARIES AND PENSION	40	43	44	47	48
TRAVEL EXPENSES	3	12	15	4	16
AVIATION GAS OIL	90	71	87	94	113
AIRCRAFT MATERIAL	11	12	17	11	10
HANDLING FEES OF AIRCRAFT AND LANDING	32	35	63	48	57
COMMISSION EXPENSES	20	28	37	40	60
ADVERTISING AND PUBLICITY	3	5	5	4	5
INSURANCE	16	17	17	17	10
DEPRECIATION	47	45	56	63	51
INTEREST EXPENSES-NET	30	23	33	38	33
SERVICE AND MISCELLANEOUS EXPENSES	62	67	68	101	109
OTHER NON-OPERATING ITEMS	15	5	(5)	(55)	(34)
TOTAL	369	363	442	467	512

*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

TABLE A27:- ETHIOPIAN AIRLINES OPERATING STATISTICS

ITEM	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
AVERAGE-KM PER PASSENGER					
INTERNATIONAL	3118	3049	3241	3319	3509
DOMESTIC	395	417	424	472	494
AVERAGE	2146	2062	2253	2454	2513
REVENUE PASSENGER KM. ('000)					
INTERNATIONAL	1018286	1046829	1227453	1422082	1483125
DOMESTIC	72316	87104	86690	106062	103117
TOTAL	1090602	1133933	1314143	1528144	1586242
REVENUE FREIGHT CARRIED (TONS)					
INTERNATIONAL	27640	20895	22488	24005	20098
DOMESTIC	29717	30875	26253	25041	12801
TOTAL	57357	51770	48741	49046	32899
REVENUE TON-KM ('000)					
INTERNATIONAL	57433	62466	71139	75360	63406
DOMESTIC	20558	21392	17959	18224	9810
TOTAL	77991	83858	89098	93584	73216
REVENUE PLANE-KM ('000)	20607	1816	23461	25205	12404
PAYLOAD FACTOR (%)	53.7	49.2	56.3	56.1	54.8

*YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

COMMUNICATION
POSTAL SERVICE

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

AIRPORTS	ASEB	BOLE	YILMA ABATENA (DIRE DAWA)	JIMA	YOHANNES IV (ASMARA)
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(ASMARA)	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	2224189.0
UNSCHEDULED	2785	210624.2
TOTAL	16786	2434813.2

*YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY

COMMUNICATION
POSTAL SERVICE

Communication is a key to the betterment of the socio-economy of a country. It 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 expansion of communication infrastructures. The expansion of postal service in Ethiopia has a long way to go. A big majority of the population do not have access to postal service.

The number of employees of the Postal Service Authority given in Tables P1, P2 and P3 showed a small rise (2.0%) in 1989/90 over that of the preceding year. There were almost three times as many males as females in the same year. More than half of the employees were based in Addis Ababa.

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. Of the total number of post offices 199 (22.0%) and 196 (21.0%) were in Kefa and Shewa, respectively. The number of post offices in Shewa in 1989/90 showed a fall of 13.0% over that of the previous year. The number of post boxes in Table P5 has been steadily increasing for the past three years. More than half of the post boxes were in Addis Ababa. Even though the number of mail boxes (collection boxes) dropped in the previous years, it showed a small rise (4.0%) in 1989/90 over that of the previous year.

The mail traffic in 1989/90 showed a decline of 18% over that of 1988/89. Seventy nine percent of the mail traffic was domestic mail. The incoming and outgoing international mails accounted for 21.0% and 17.0% of the total mail traffic respectively, in 1989/90.

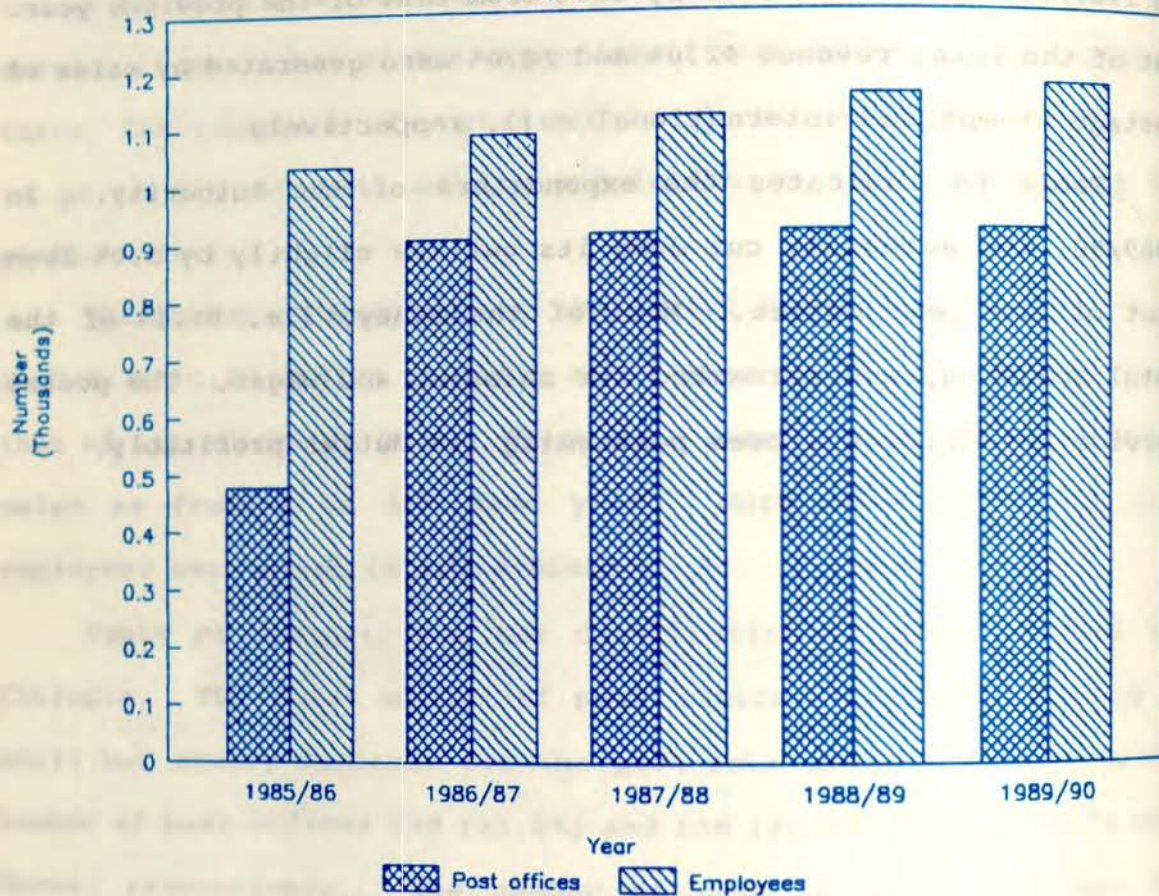
Table P7 shows the revenue of the Postal Service Authority. In 1989/90 the revenue fell by 3.0% from that of the previous year. Out of the total revenue 42.0% and 28.0% were generated by sales of postage stamps and international mail, respectively.

Table P8 indicates the expenditure of the Authority. In 1989/90, the Authority cut down its outlays slightly by 1.0% from that of the year before. Most of the money, i.e. 51.1% of the total spending, was earmarked for salaries and wages. The postal service Authority has been performing its duties profitably.

Year	Post Office	Post Office Employees	Post Office	Post Office	Salaries and Wages	Total
1985/86	10	10	10	10	10	10
1986/87	10	10	10	10	10	10
1987/88	10	10	10	10	10	10
1988/89	10	10	10	10	10	10
1989/90	10	10	10	10	10	10

REVENUE AND EXPENDITURE OF THE POSTAL SERVICE AUTHORITY

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	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	72	9	81	69	9	78
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	47	15	62	47	14	61
3. CLERICAL AND RELATED PERSONNEL	180	65	245	370	167	537
4. SALES WORKERS	329	128	457	223	40	263
5. SERVICE WORKERS	70	60	130	76	68	144
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	84	1	85	89	1	90
7. OTHERS	90	5	95	-	-	-
TOTAL	872	283	1155	874	299	1173

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

ADMINISTRATIVE REGION	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	12	2	14	12	4	16	11	6	17
BALE	9	2	11	12	2	14	13	3	16
ERITREA	90	25	115	94	25	119	88	26	114
ASEB ADMIN.	8	2	10	7	2	9	8	2	10
GAMO GOFA	8	1	9	8	1	9	11	1	12
GOJAM	22	7	29	25	9	34	26	11	37
GONDER	20	5	25	16	5	21	20	6	26
HARERGE	60	17	77	63	13	76	61	15	76
ILUBABOR	18	-	18	19	-	19	18	-	18
KEFA	27	9	36	26	7	33	29	8	37
SHEWA	70	23	93	71	28	99	79	29	108
ADDIS ABABA	412	164	576	425	175	600	418	174	592
SIDAMO	23	3	26	20	3	23	23	7	30
TIGRAY	21	3	24	26	1	27	23	1	24
WELEGA	26	6	32	27	7	34	26	8	34
WELO	20	3	23	21	1	22	20	2	22
TOTAL	846	272	1118	872	283	1155	874	299	1173

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

SALARY GROUP (BIRR)	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	117	33	150	141	38	179	155	45	200
150-249	281	129	410	286	137	423	289	146	435
250-349	148	66	214	144	66	210	138	66	204
350-449	127	14	141	128	13	141	124	13	137
450-549	85	24	109	88	23	111	87	22	109
550-649	57	3	60	55	3	58	51	3	54
650-749	12	2	14	12	2	14	13	2	15
750-849	15	-	15	14	-	14	14	1	15
850-949	-	-	-	-	-	-	-	-	-
950-1049	3	-	3	3	-	3	3	-	3
1050-1149	-	-	-	-	-	-	-	-	-
1150-1249	1	-	1	1	-	1	-	-	-
1250-1349	-	1	1	-	1	1	-	1	1
1350 & ABOVE	-	-	-	-	-	-	-	-	-
TOTAL	846	272	1118	872	283	1155	874	299	1173

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

TABLE P4:- NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	NUMBER OF POST OFFICES				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
ARSI	10	20	19	23	23
BALE	14	17	18	19	20
ERITREA	41	43	43	43	43
ASEB ADMIN	1	1	2	2	2
GAMO GOFA	11	16	21	16	17
GOJAM	24	47	47	50	57
GONDER	28	32	34	37	35
HARERGE	59	65	61	61	60
ILUBABOR	16	25	25	26	26
KEFA	24	204	206	199	199
SHEWA	80	207	212	224	196
ADDIS ABABA	38	39	38	40	40
SIDAMO	33	50	47	37	64
TIGRAY	21	23	23	23	23
WELEGA	29	44	45	46	44
WELO	49	75	75	75	75
TOTAL	478	908	916	921	924

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

ADMINISTRATIVE REGION	1987/88*		1988/89*		1989/90*	
	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES
ARSI	11	970	18	1030	18	1030
BALE	7	480	7	580	7	580
ERITREA	64	2641	48	4699	48	4699
ASEB ADMIN.	5	470	4	526	4	526
GAMO GOFA	4	360	5	360	5	360
GOJAM	15	1034	11	1034	11	1034
GONDER	10	1030	6	1030	6	1030
HARERGE	57	2407	39	2407	38	2437
ILUBABOR	14	580	9	680	13	580
KEFA	28	1263	21	1383	22	1470
SHEWA	60	4150	42	4270	53	4808
ADDIS ABABA	78	24470	79	25127	79	25127
SIDAMO	17	1680	20	1680	18	1680
TIGRAY	21	828	11	878	11	878
WELEGA	26	735	13	735	15	805
WELO	42	1376	42	1496	42	1496
TOTAL	459	44474	375	47915	390	48540

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

TABLE P6:- NUMBER OF MAILED BY TYPE OF MAIL TRAFFIC

MAIL TRAFFIC	NUMBER OF MAILED				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
DOMESTIC MAIL					
LETTERS	23156700	23253000	23770000	24013900	22983800
PARCELS	60700	60700	30000	32100	25900
TOTAL	23217400	23313700	23800000	24046000	23009700
INTERNATIONAL MAIL					
I. INCOMING INTERNATIONAL					
LETTERS	5155400	6004000	5117000	6216200	6109000
PARCELS	82100	80400	95000	97900	89100
TOTAL	5237500	6084400	5212000	6314100	6198100
II. OUTGOING INTERNATIONAL					
LETTERS	4077000	4700000	4150000	5285600	5089500
PARCELS	8400	9300	13000	8400	7900
TOTAL	4085400	4709300	4163000	5294000	5097400
GRAND TOTAL	32540300	34107400	33175000	35654100	34305200

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

SOURCE	IN '000 BIRR		
	1987/88*	1988/89*	1989/90*
SALES OF POSTAGE STAMPS	4428.4	5485.1	4743.4
INCOME FROM INTERNATIONAL MAIL	3328.9	2784.9	3134.9
PARCEL POST RECEIPTS	887.2	827.0	817.5
POST BOX RENTALS AND KEY SALES	607.2	662.3	736.6
POSTAGE METER MACHINE MONEY AND POSTAL ORDER COMMISSION	1099.7	1283.2	1134.1
NEWS PAPER COMMISSION	95.4	87.1	112.8
MISCELLANEOUS REVENUE	440.8	...	...
TOTAL	120.1	536.3	582.0
TOTAL	11007.7	11665.9	11261.3

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

PURPOSE	IN '000 BIRR		
	1987/88*	1988/89*	1989/90*
SALARIES AND WAGES	4281.8	4460.3	4828.9
CONVEYANCE OF MAIL	805.2	1088.0	719.5
DEPRECIATION	856.5	1123.1	1235.4
PRINTING OF POSTAGE STAMPS	768.5	183.1	664.0
STORED ITEMS CONSUMED	425.5	162.6	1995.8
MISCELLANEOUS EXPENDITURE	1368.4	2497.9	-
TOTAL	8505.9	9515.0	9443.6

*YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

Telecommunications

Telecommunications play important role in exchange of information among various sectors of the society and contribute to the development of a society. 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 1, 2 and 3 show the number of employees increased from 5884 in 1988/89 to 5930 in 1989/90. 33% of the employees being females in both years. Almost half of the employees were in the clerical and related occupational group and 52% of the employees were based in Addis. Table T4 shows that well over 60% of the telephones in use were in the capital city. As shown in Table T4 the expansion and installation of telephone lines and apparatus in Arssi, Gojam, Keffa and Shewa increased by 59.8%, 24.1% and 7.8% (for apparatus only) in 1989/90 over that of 1988/89, respectively. The distribution of public (coin box) telephones indicates that 71% of it is in Addis Ababa. Table T6 shows the installation of telephones. There are 52.6 and 3.0 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 1989/90 increased by 18.7% over that of the previous year. About 46.0% and 27.0% 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 1989/90 increased by 14.6% over that of the preceding year. Out of the total expenditure 26.9% and 18.9% went to personnel emolument and taxation, respectively.

and a new number of employees increased from 5000 in 1988/89 to 5450 in 1989/90. 33% of the employees being females. In both years almost half of the employees were in the clerical and related occupational group and 52% of the employees were based in Addis Ababa. Table T4 shows that well over 60% of the telephones in use were in the capital city. As shown in Table T4 the expansion and installation of telephone lines and apparatus in Ararat, Gogjam, Kote and Shewa increased by 29.8%, 24.1% and 7.8% (for apparatus only) in 1989/90 over that of 1988/89, respectively. The

Category	1988/89	1989/90
Public (coin box) telephones	1,100	1,200
Inter-urban telephones	2,500	2,800
Urban telephones	1,500	1,700
Other telephones	1,000	1,100
Total telephones	6,100	6,800

it is in Addis Ababa. Table T6 shows the installation of tele-phones. There are 22.6 and 3.0 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

Fig.20: NUMBER OF TELEPHONES IN USE IN ETHIOPIA

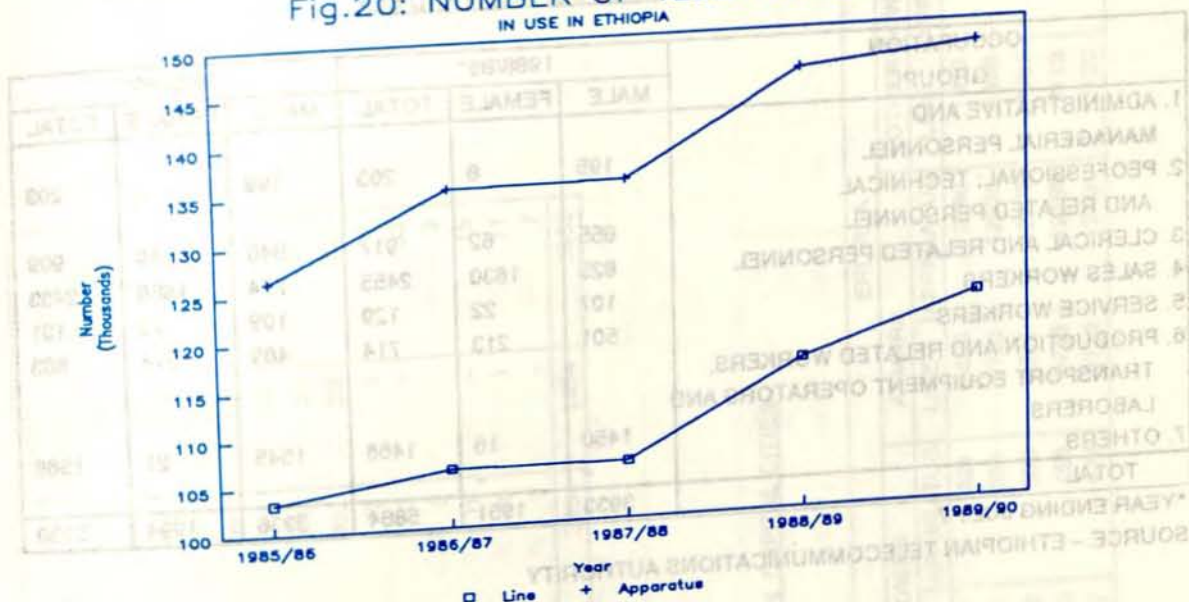
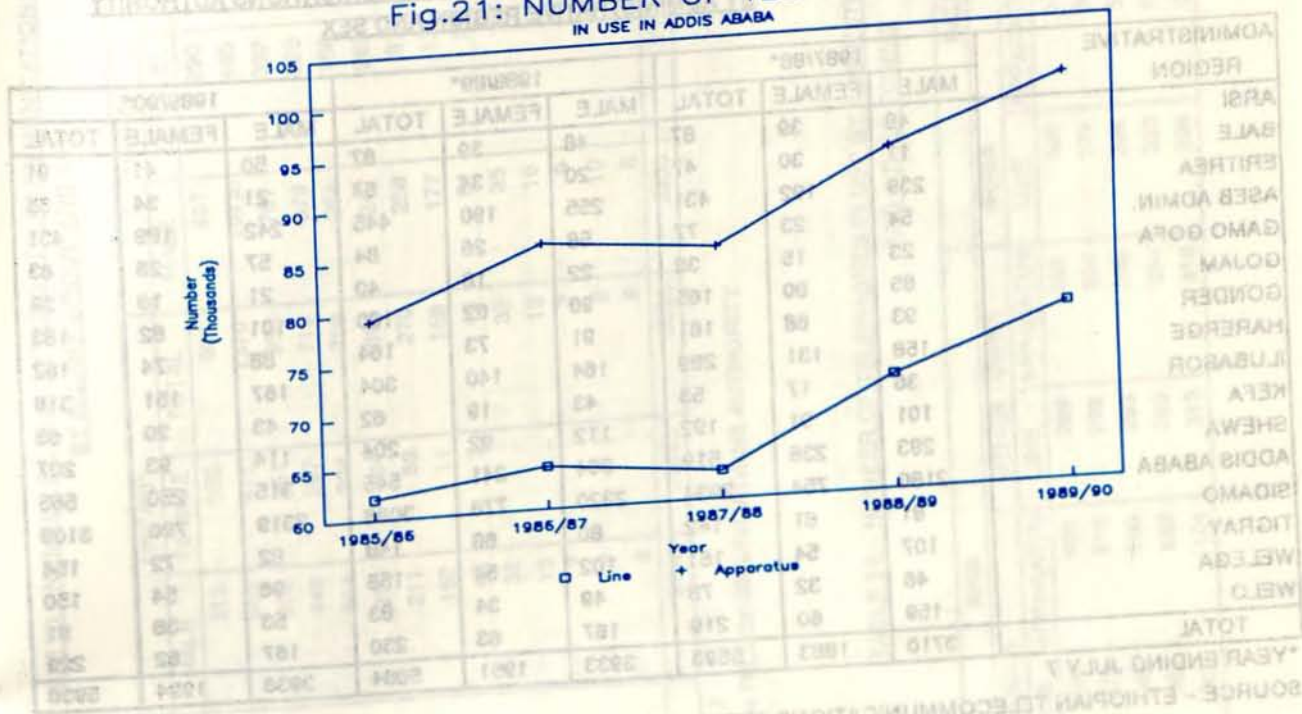


Fig.21: NUMBER OF TELEPHONES IN USE IN ADDIS ABABA



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

OCCUPATION GROUP	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	195	8	203	199	9	208
2. PROFESSIONAL; TECHNICAL AND RELATED PERSONNEL	855	62	917	840	69	909
3. CLERICAL AND RELATED PERSONNEL	825	1630	2455	774	1659	2433
4. SALES WORKERS	107	22	129	109	22	131
5. SERVICE WORKERS	501	213	714	489	214	683
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	1450	16	1466	1545	21	1566
7. OTHERS	-	-	-	-	-	-
TOTAL	3933	1951	5884	3936	1994	5930

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

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

ADMINISTRATIVE REGION	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSI	48	39	87	48	39	87	50	41	91
BALE	17	30	47	20	34	54	21	34	55
ERITREA	239	192	431	255	190	445	242	189	431
ASEB ADMIN.	54	23	77	58	26	84	57	28	83
GAMO GOFA	23	15	38	22	18	40	21	18	39
GOJAM	85	80	165	98	82	180	101	82	183
GONDER	93	68	161	91	73	164	88	74	162
HARERGE	158	131	289	164	140	304	167	151	318
ILUBABOR	36	17	53	43	19	62	43	20	63
KEFA	101	91	192	112	92	204	114	93	207
SHEWA	283	236	519	304	241	545	315	250	565
ADDIS ABABA	2180	754	2934	2320	778	3098	2319	790	3109
SIDAMO	81	61	142	80	68	148	82	72	154
TIGRAY	107	54	161	102	54	156	96	54	150
WELEGA	46	32	78	49	34	83	53	38	91
WELO	159	60	219	167	63	230	167	62	229
TOTAL	3710	1883	5593	3933	1951	5884	3936	1994	5930

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

**TABLE T3:- NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY
BY SALARY GROUP AND SEX**

SALARY GROUP (BIRR)	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	513	388	901	437	290	727	339	198	537
150-249	955	415	1370	1073	485	1558	1061	523	1584
250-349	602	351	953	781	392	1173	812	321	1133
350-449	446	267	713	579	269	848	652	302	954
450-549	504	204	708	254	150	404	200	292	492
550-649	212	184	396	247	269	516	278	239	517
650-749	211	59	270	258	81	339	273	94	367
750-849	157	11	168	177	12	189	200	22	222
850-949	43	3	46	51	2	53	47	2	49
950-1049	32	-	32	35	-	35	33	-	33
1050-1149	13	-	13	16	-	16	9	-	9
1150-1249	7	-	7	9	-	9	15	-	15
1250-1349	7	1	8	10	1	11	10	1	11
1350 & ABOVE	8	-	8	6	-	6	7	-	7
TOTAL	3710	1883	5593	3933	1951	5884	3936	1994	5930

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

**TABLE T4:- NUMBER OF TELEPHONES IN USE BY ADMINSTRATIVE 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
1985/86	400	400	299	303	360	376	307	321	9875	12298	1913	2376
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

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
1985/86	354	376	134	137	690	790	1382	1477	964	1313	791	812
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

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
1985/86	943	1148	3501	3975	317	349	350	362	1434	1664	777	793
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	1513	...	...	163	173	1410	1636	1343	1420

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
1985/86	62008	79262	7230	7879	738	794	1742	1790	947	1097	860	887
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

TABLE T4:-(CONT'D)

YEAR*	WELEGA				WELO				ASEB		TOTAL	
	NEKEMTE		OTHER TOWNS		DESE		OTHER TOWNS		ADMIN.			
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS		
1985/86	488	488	647	647	1509	1654	1124	1289	1102	1308	103186	126365
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	145836
1989/90	498	689	760	794	1540	1722	1309	1417	1665	121883	147709	

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

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

URBAN AREAS	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
ADDIS ABABA	606	629	653	661	685
ASMARA	80	81	80	79	78
ASEB	17	15	18	19	22
AWASA	4	-	12	12	12
BAHIR DAR	11	10	10	10	10
DESE	20	20	23	23	23
DIRE DAWA	19	18	18	18	22
GONDER	9	9	9	9	7
HARER	10	10	10	10	10
JIMA	30	30	29	28	31
MITSIWA	19	19	20	20	20
MEKELE	5	5	5	5	5
NAZARETH	19	21	22	22	22
SHASHEMENE	7	9	9	9	15
TOTAL	856	876	918	925	962

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

**TABLE T6: - 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	
			1988/89*	1989/90*	1988/89*	1989/90*	1988/89*	1989/90*	1988/89*	1989/90*
ARSI	3	23.7	1962.3	2008.4	82.8	84.7	890	1422	0.4	0.7
BALE	5	127.1	1220.7	1254.2	9.6	9.9	1056	1079	0.9	0.9
ERITREA	8	93.7	3081.3	3164.5	32.9	33.8	14934	14966	4.8	4.7
ASEB ADMIN.	1	27.5	158.1	165.1	5.7	6.0	1908	1980	12.0	12.0
GAMO GOFA	4	40.3	1550.4	1609.7	38.5	39.9	1084	1241	0.7	0.8
GOJAM	7	61.2	4008.0	4149.6	65.5	67.8	2714	3367	0.7	0.8
GONDER	7	79.8	3623.0	3753.8	45.5	47.1	2327	2261	0.6	0.6
HARERGE	13	272.6	4940.8	5062.9	18.1	18.6	5606	6024	1.1	1.2
ILUBABOR	5	46.4	1241.8	1275.9	26.8	27.5	1550	1566	1.2	1.2
KEFA	6	56.6	2943.2	3028.2	52.0	53.5	1823	1809	0.6	0.6
SHEWA	11	85.1	9390.3	9670.2	110.3	113.6	8287	9422	0.9	1.0
ADDIS ABABA	-	0.2	1819.3	1912.5	9096.5	9562.5	93822	100679	51.6	52.6
SIDAMO	6	119.8	4586.1	4749.7	38.3	39.6	3291	3418	0.7	0.7
TIGRAY	8	64.9	2737.5	2812.2	42.2	43.3	1993	1992	0.7	0.7
WELEGA	6	70.5	3041.1	3136.1	43.1	44.5	1603	1693	0.5	0.5
WELO	12	82.1	3863.1	3936.4	47.0	47.9	2950	3031	0.8	0.8
TOTAL	102	1251.3	50167.0	51689.4	40.1	41.3	145836	155950	2.9	3.0

*YEAR ENDING JULY 7

**NUMBER OF TELEPHONE APPARATUS

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE T7.- NUMBER OF INTER-URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE CAPITAL
CAPITAL CITIES: 1985/86*

FROM	TO	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
ADDIS ABABA		-	17203	19800	55947	8353	30110	9840
ARBA MINCH		25943	-	126	537	3392	226	342
ASELA		30146	112	-	695	436	154	198
ASMARA		40470	15	10	-	328	1900	1691
AWASA		1662	1018	170	553	-	160	230
DEBRE MARKOS		33545	103	112	805	143	-	240
DESE		33999	61	94	1299	55	182	-
GOBA		17021	88	975	230	1187	114	182
GONDER		16165	41	130	4476	108	1510	386
HARER		27224	33	182	834	269	141	590
JIMA		12239	31	152	854	128	205	230
MEKELE		16289	7	17	10986	196	168	1179
METU		19579	8	124	375	91	108	92
NEKEMTE		31197	77	127	258	24	289	353

TABLE T7.- (CONT'D) 1985/86*

FROM	TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA		12340	10387	4544	15309	16032	10109	24100
ARBA MINCH		513	151	188	195	140	54	99
ASELA		520	145	540	274	205	97	211
ASMARA		169	3047	767	470	10979	37	161
AWASA		78	162	235	256	315	81	170
DEBRE MARKOS		70	3164	306	288	234	206	184
DESE		27	167	113	104	1320	83	78
GOBA		-	107	347	195	83	20	259
GONDER		31	-	267	267	784	32	59
HARER		95	473	-	296	812	82	59
JIMA		63	166	215	-	139	2309	560
MEKELE		7	503	577	174	-	30	25
METU		10	121	133	6052	176	-	273
NEKEMTE		265	250	215	211	275	560	-

TABLE T7.- (CONT'D) 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*

TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE
FROM							
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	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
FROM							
ADDIS ABABA	-	21680	27610	30140	9619	40400	9590
ARBA MINCH	27079	-	179	246	3848	358	440
ASEB	30119	32	91	4185	122	210	16385
ASELA	29470	185	-	419	532	254	251
ASMARA	37089	310	510	-	248	701	867
AWASA	26124	174	170	394	-	185	176
DEBRE MARKOS	37643	244	216	589	193	-	329
DESE	16749	72	110	342	76	610	-
GOBA	24897	287	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	348	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

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

TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE	ASEB
FROM								
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	96
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*

FROM	TO	ADDIS ABABA	ARBA MINCH	A SELA	ASMARA	AWASA	DEBRE MARKOS	DESE
ADDIS ABABA		-	22591	24401	25734	10998	41480	14867
ARBA MINCH		23033	-	240	7	3877	221	535
A SELA		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) 1988/89*

FROM	TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA		18181	13207	13155	20842	6378	18610	31802
ARBA MINCH		347	203	285	253	12	96	132
A SELA		345	172	510	340	2	126	168
ASMARA		83	102	253	23	-	151	360
AWASA		102	833	668	365	-	101	316
DEBRE MARKOS		310	220	181	281	201	91	110
DESE		42	104	92	45	-	92	103
GOBA		-	247	498	239	20	90	132
GONDER		310	-	-	527	-	116	201
HARER		221	251	-	239	-	201	212
JIMA		221	136	242	-	14	261	212
MEKELE		-	6	-	-	-	-	-
METU		62	118	170	7116	272	-	417
NEKEMTE		42	144	168	1600	16	476	-

TABLE T7:-(CONT'D) 1989/90*

FROM	TO	ADDIS ABABA	ARBA MINCH	ASELA	ASMARA	AWASA	DEBRE MARKOS	DESE
ADDIS ABABA		-	...	4723	25462	6979	...	19029
ARBA MINCH		...	-
ASELA		13510	...	-	5	226	...	240
ASMARA		50210	...	27	-	4	...	288
AWASA		34168	...	285	56	-	...	254
DEBRE MARKOS		-	...
DESE		26102	...	116	167	144	...	-
GOBA	
GONDER		19103	...	41	160	193	...	618
HARER		30598	...	241	51	182	...	552
JIMA		22947	...	376	151	307	...	641
MEKELE	
METU	
NEKEMTE	

TABLE T7:-(CONT'D) 1989/90*

FROM	TO	GOBA	GONDER	HARER	JIMA	MEKELE	METU	NEKEMTE
ADDIS ABABA		...	10259	13459	16158	...	...	...
ARBA MINCH	
ASELA		...	103	314	357	...	...	...
ASMARA		...	239	314	61	...	...	...
AWASA		...	725	274	238	...	...	...
DEBRE MARKOS	
DESE		...	475	376	238	...	...	...
GOBA		-
GONDER		...	-	241	307	...	...	...
HARER		...	304	-	314	...	...	...
JIMA		...	496	513	-	...	...	...
MEKELE		-
METU		-	...
NEKEMTE		-

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE T8:- REVENUE OF TELECOMMUNICATIONS AUTHORITY BY SOURCE

SOURCE	IN '000 BIRR				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
<u>URBAN TELEPHONE</u>	49109	51842	59142	53473	62410
INITIAL SUBSCRIPTION	2231	2291	6286	4147	5048
RENT	11013	11610	12191	13611	16365
MOVES AND CHANGES	301	321	290	326	350
URBAN CALLS	35564	37620	40375	35389	40637
<u>INTER-URBAN CALLS</u>	42734	48023	51185	51703	69806
INLAND CALLS	9481	9702	10202	10358	11609
INTERNATIONAL CALLS	33141	38086	40756	41122	57919
RURAL RADIO CALLS	-	20	39	32	-
RADIO LICENCE	112	215	188	191	278
<u>TELEGRAPH</u>	4173	4090	4951	2078	5124
INLAND TELEGRAMS	782	835	877	731	799
INTERNATIONAL TELEGRAMS	1221	1029	1662	942	874
OTHER TELEGRAPH SERVICES	2170	2226	2412	402	3451
<u>TELEX</u>	11013	11371	12958	16307	12083
URBAN	1290	3	174	1582	-
INTER-URBAN	364	361	348	828	603
FOREIGN	9359	9716	11060	11352	9642
OTHER TELEX SERVICES	-	1291	1376	2545	1838
MISCELLANEOUS	2258	3491	3963	...	2647
TOTAL REVENUE	109287	118817	132199	123561	152070

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY

TABLE T9:- EXPENDITURE OF TELECOMMUNICATIONS AUTHORITY BY PURPOSE

PURPOSE	IN '000 BIRR				
	1985/86*	1986/87*	1987/88*	1988/89*	1989/90*
PERSONNEL EMOLUMENT	19332	25850	13482	4545	35000
TRAINING	618	527	1910	889	1116
MAINTENANCE AND DEPRECIATION OF TELEPHONE					
I. URBAN TELEPHONE	12552	10042	22053	23961	24195
II. INTER-URBAN TELEPHONE	5091	6657	12768	15402	9065
MAINTENANCE AND DEPRECIATION OF TELEGRAPH	1584	2221	2894	2856	2240
MAINTENANCE AND DEPRECIATION OF TELEX	553	993	1682	2526	1655
MAINTENANCE AND DEPRECIATION OF BUILDING	2041	1471	4792	4212	3056
DEPRECIATION OF FURNITURE AND EQUIPMENT	240	247	261	282	329
INTEREST AND LOAN	4176	6997	13872	15342	14903
PROVISION FOR PROFIT TAX	24510	21779	23308	16230	24543
CAPITAL CHARGE	8873	10038	11137	11849	11128
MISCELLANEOUS	5506	10550	3850	13001	2868
TOTAL EXPENDITURE	85076	97372	112009	111095	130098

*YEAR ENDING JULY 7

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 of Broadcasting Service (Ministry of Information), radio stations, broadcasting hours and languages used and employees of Department of Education Mass Media (Ministry of Education) and time allotted to education on radio are presented.

Table B1 and B2 show the number of employees of the broadcasting service in the Ministry of Information. The staff number increased by 30.7% in 1989/90 over that of the preceding year. The number of radio stations, transmitters and radio sets hasn't changed much. Table B4 shows that the Ethiopian Radio, National Service devoted 57.3% of the broadcasting hours to Amharic programs in 1989/90. About the same amount of time 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 Ethiopian Television presented its programs in Amharic and English. It allocated more

time to the Amharic transmission. The total Amharic transmission time has been increasing since 1985/86. The same is true for the English transmission except in 1988/89. 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 i.e., from 100 thousands in 1988/89 to 200 thousand in 1989/90 .

The Department of Education Mass Media in the Ministry of Education presents its programs in Amharic and English using 11 transmitters located throughout the country. There was a decrease of 9.9% in the total service hours in 1989/90 over that of 1988/89. This decrease may have been caused by the cessation of the operation of Mekele transmitter. The Amharic programs accounted for 76.8% of the total service hours in 1989/90.

TABLE 11 - (CONT'D)

OCCUPATION	1988/89		1989/90		TOTAL
	NO. OF EMPLOYEES	SERVICE HOURS	NO. OF EMPLOYEES	SERVICE HOURS	
TECHNICAL PERSONNEL	102	150	102	150	204
TELEVISION PERSONNEL	88	30	88	30	176
ENGINEERING PERSONNEL	111	82	111	82	222
OTHER	10	10	10	10	20
TOTAL	311	272	311	272	622

NOTES: 1. THE NUMBER OF EMPLOYEES OF ETHIOPIAN TELEVISION WERE NOT INCLUDED IN THIS TABLE.

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

OCCUPATION	1985/86**			1986/87*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADMINISTRATIVE PERSONNEL	117	85	202	225	179	404
RADIO PROGRAMMERS	89	33	122	121	43	164
TELEVISION PROGRAMMERS	-	-	-	59	25	84
TECHNICAL PERSONNEL	105	2	107	231	28	259
JOURNALISTS	-	-	-	18	3	21
TOTAL	311	120	431	654	278	932

TABLE B1:- (CONT'D)

OCCUPATION	1987/88*			1988/89***			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADMINISTRATIVE PERSONNEL	232	194	426	90	70	160	136	132	268
RADIO PROGRAMMERS	126	41	167	...	...	...	120	49	169
TELEVISION PROGRAMMERS	31	11	42	55	18	73	-	-	-
TECHNICAL PERSONNEL	273	52	325	86	26	112	137	8	145
JOURNALISTS	-	-	-	34	24	58	-	-	-
TOTAL	662	298	960	265	138	403	393	189	582

*YEAR ENDING JULY 7

**403 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)	1985/86*			1986/87*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	64	52	116	137	118	255
150-249	45	20	65	93	41	134
250-349	38	16	54	124	55	179
350-449	26	13	39	68	23	91
450-549	34	7	41	59	13	72
550-649	42	7	49	93	17	110
650-749	22	-	22	34	5	39
750-849	27	3	30	30	3	33
850-949	3	-	3	2	-	2
950-1049	7	-	7	10	-	10
1050-1149	-	1	1	1	1	2
1150-1249	2	-	2	3	1	4
1250-1349	-	-	-	-	-	-
1350 & ABOVE	1	1	2	3	1	4
TOTAL	311	120	431	657	278	935

TABLE B2:- (CONT'D)

SALARY GROUP (BIRR)	1987/88*			1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	128	128	256	49	59	108	72	80	152
150-249	110	40	150	41	18	59	64	29	93
250-349	107	51	158	61	28	89	52	30	82
350-449	87	31	118	37	10	47	43	21	64
450-549	56	19	75	21	10	31	34	11	45
550-649	91	18	109	35	10	45	62	11	73
650-749	37	6	43	15	2	17	28	3	31
750-849	29	3	32	2	1	3	24	3	27
850-949	3	-	3	-	-	-	3	-	3
950-1049	10	-	10	3	-	3	8	-	8
1050-1149	-	1	1	-	-	-	-	1	1
1150-1249	2	-	2	-	-	-	2	-	2
1250-1349	-	-	-	-	-	-	-	-	-
1350 & ABOVE	2	1	3	1	-	1	1	-	1
TOTAL	662	298	960	265	138	403	393	189	582

*YEAR ENDING JULY 7

**403 EMPLOYEES OF ETHIOPIAN TELEVISION WERE NOT INCLUDED

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

SOURCE:- MINISTRY OF INFORMATION

TABLE B4 (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1985/86	1005:26	3153:40	1618:14	18:00	5793:20
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

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

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

YEAR*	AMHARIC					ENGLISH				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1985/86	60:00	175:00	70:00	60:00	365:00	60:00	170:00	80:00	50:00	360:00
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	668:00
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

TABLE B5 (CONT'D)

YEAR*	FRENCH					ARABIC				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1985/86	60:00	119:00	85:00	101:00	365:00	60:00	119:00	85:00	101:00	365:00
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

TABLE B5 (CONT'D)

YEAR*	S O M A L I					A F A R				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1985/86	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00
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

TABLE B5 (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1985/86	360:00	788:00	615:00	422:00	2185:00
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

*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						
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL
1985/86	70000-75000	188:00	144:40	74:30	15:20	235:20	24:33	682:23
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

TABLE B6 (CONT'D)

YEAR*	NUMBER OF HOUSEHOLDS WITH TV SETS**	ENGLISH							
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL	GRAND TOTAL
1985/86	70000-75000	120:00	8:00	236:40	5:36	122:44	-	493:00	1175:23
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

*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	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	17	2	19	17	1	18
2. PROFESSIONAL; TECHNICAL AND RELATED PERSONNEL	67	11	78	76	14	90
3. CLERICAL AND RELATED PERSONNEL	15	19	34	1	12	13
4. SALES WORKERS	2	1	3	-	-	-
5. SERVICE WORKERS	18	17	35	23	25	48
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABORERS	13	1	14	9	1	10
7. OTHERS	-	-	-	-	-	-
TOTAL	132	51	183	126	53	179

*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)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	17	21	38	16	21	37
150-249	22	9	31	20	7	27
250-349	12	9	21	7	10	17
350-449	22	5	27	18	5	23
450-549	19	4	23	19	6	25
550-649	26	2	28	32	3	35
650-749	10	-	10	10	-	10
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	132	51	183	126	53	179

*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
1985/86	788:36	294:36	117:00	1200:12	788:36	294:36	117:00	1200:12
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

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	BAHIR DAR TRANSMITTER				DEBRE MARKOS TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1985/86	1022:36	294:36	-	1317:12	788:36	294:36	117:00	1200:12
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

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	DESE TRANSMITTER				GIMBI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1985/86	788:36	294:36	117:00	1200:12	788:36	294:36	117:00	1200:12
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

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	GORE TRANSMITTER				LEGEDADI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1985/86	788:36	294:36	117:00	1200:12	1048:36	294:36	117:00	1460:12
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

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	MEKELE TRANSMITTER				ROBE TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1985/86	864:36	294:36	117:00	1276:12	783:36	294:36	117:00	1195:12
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

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	WELAYITA TRANSMITTER				ALL TRANSMITTERS			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1985/86	794:36	294:36	156:00	1245:12	9245:36	3240:36	1209:00	13695:12
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	14880:46	3377:40	1131:00	19389:26
1989/90	1285:26	306:64	78:00	1670:30	13556:20	3070:40	1014:00	17641:00

*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 relaying information to the public and exchanging news, views, idea etc. Although press is limited to the literate people, it has its own merit. It can be documented and 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 Ethiopian people in the political, social and economic activities, the expansion of press requires more attention.

The following tables show data on the number of employees of Press 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 publication were Amharic, English, Tigrigna, Arabic and Oromigna. Note that Yekatit is both an Amharic monthly and English quarterly magazine.

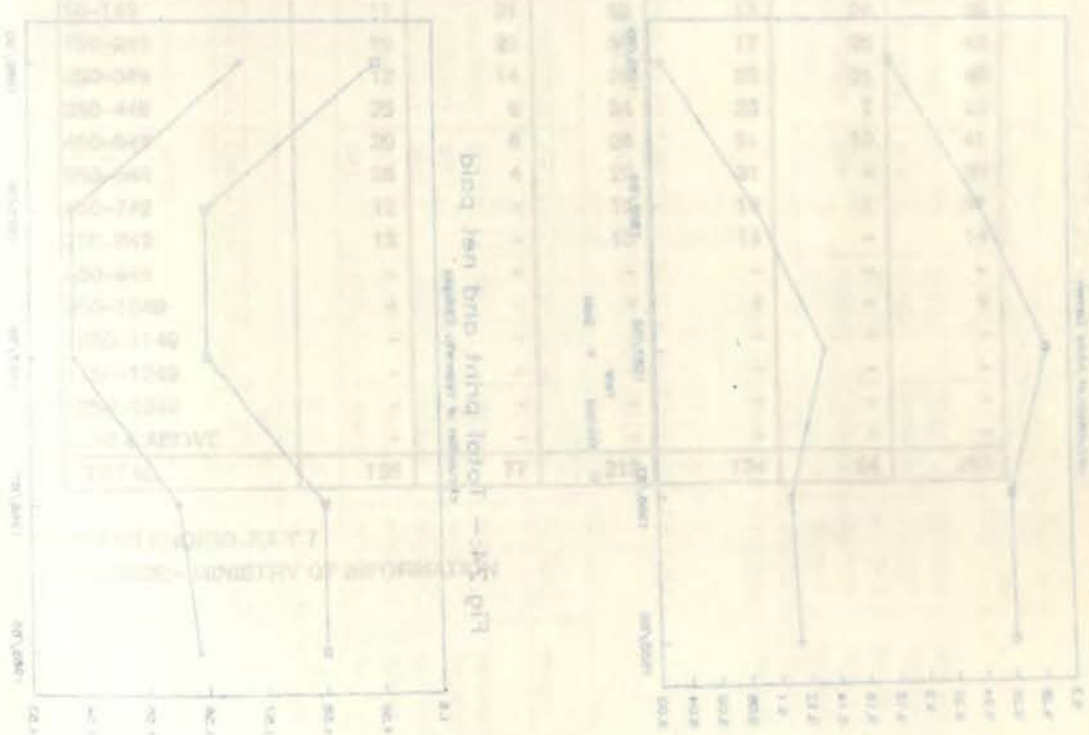
Table N1 shows the number of employees of the Ethiopian Press Service. There was an increase of 20.9% in the number of employees for 1989/90 over that of 1988/89. 64.9% of the employees were males. As Table N2 shows Addis Zemen, the Amharic daily had the largest circulation. There was a slight drop (0.6%) in circulation in 1989/90 over that of 1988/89. The Ethiopian Herald, the English daily also showed a slight decline (0.9%) in circulation for the

same period. Table N3 shows Yezareitu Ethiopia had the biggest circulation among the weekly newspapers in 1989/90. The circulation for the same year increased by 1.9% over that of 1988/89. The monthly magazines have also shown a decrease in circulation. Yekatit (both the Amharic and English editions) showed a 10.5% drop in circulation in 1989/90 over that of the previous year while Reotealem showed a decrease of 68.4% during the same period.

Table N8 gives an account of circulation of newspapers by administrative region. The total circulation in the country for 1988/89 and 1989/90 was 14.5 and 11.4, million respectively. One can observe a 26.6% decline in circulation in 1989/90 over that of 1988/89. More than 50% of the total circulation in both years took place in Shewa especially in Addis Ababa.

TABLE N8 - CONTINUED

REGION	1988/89			1989/90		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL



1988/89

1989/90

Fig.22:- Total print and net paid circulation of Addis Zemen

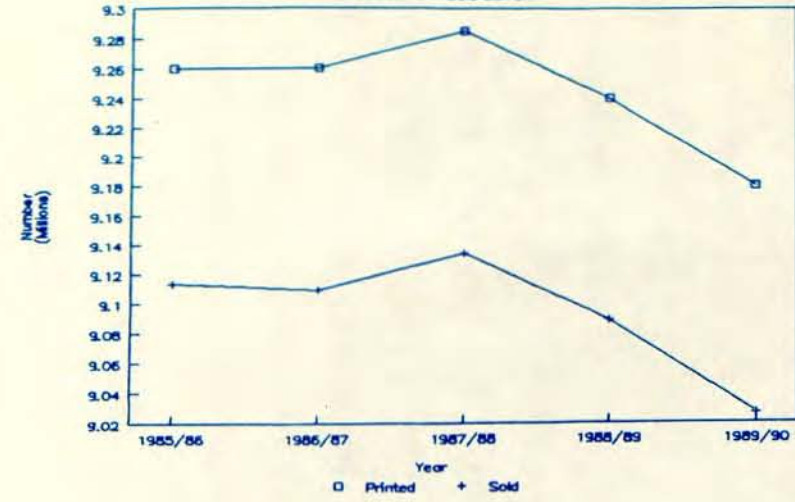


Fig.23:- Total print and net paid circulation of Ethiopian Herald

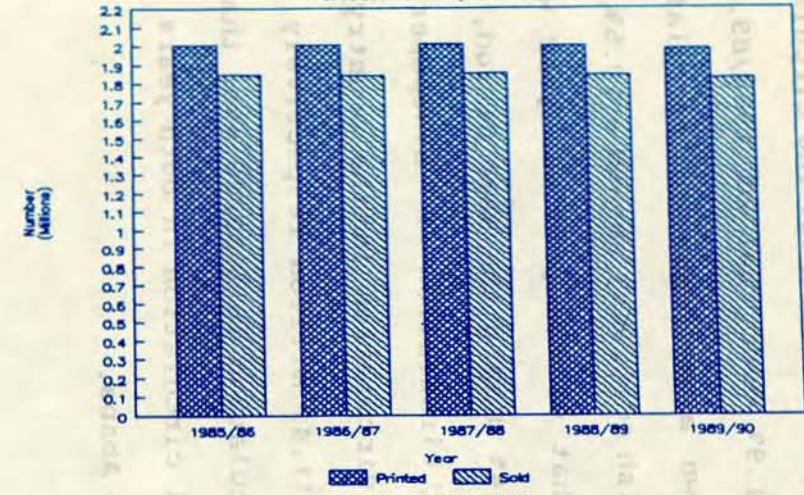


Fig.24:- Total print and net paid circulation of Yezeaitu Ethiopia

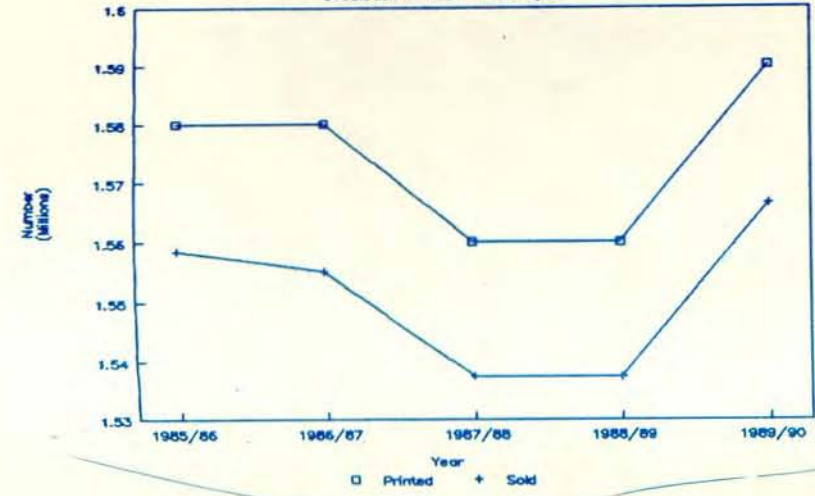
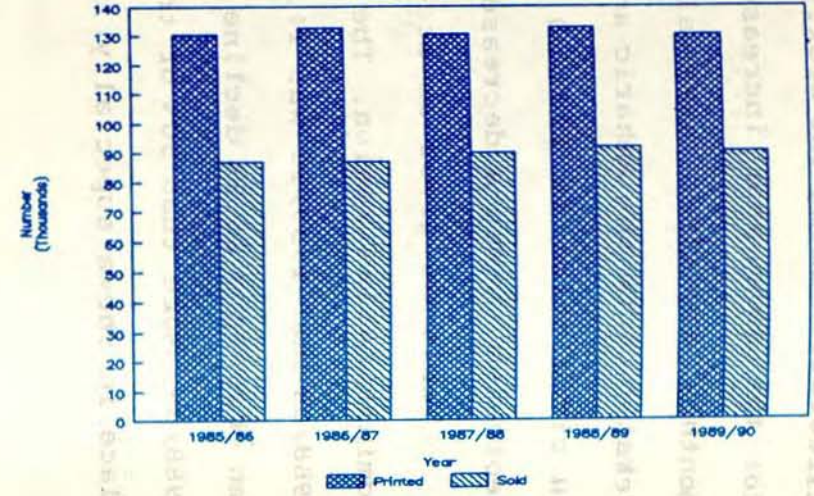


Fig.25:- Total print and net paid circulation of Al Alem



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

SALARY GROUP (BIRR)	1986/87*			1987/88*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	6	25	31	7	22	29
150-249	16	12	28	13	18	31
250-349	16	15	31	16	17	33
350-449	23	6	29	25	5	30
450-549	15	4	19	13	4	17
550-649	24	2	26	23	2	25
650-749	15	-	15	14	1	15
750-849	8	-	8	10	-	10
850-949	-	-	-	-	-	-
950-1049	4	-	4	5	-	5
1050-1149	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
TOTAL	127	64	191	126	69	195

TABLE N1:- (CONT'D)

SALARY GROUP (BIRR)	1988/89*			1989/90*		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	11	21	32	13	26	39
150-249	13	23	36	17	25	42
250-349	12	14	26	25	21	46
350-449	25	9	34	23	7	30
450-549	20	6	26	31	10	41
550-649	25	4	29	31	4	35
650-749	12	-	12	16	1	17
750-849	13	-	13	14	-	14
850-949	-	-	-	-	-	-
950-1049	4	-	4	4	-	4
1050-1149	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
TOTAL	135	77	212	174	94	268

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

**TABLE N2:- NUMBER OF COPIES OF DAILY NEWS PAPERS PRINTED, SOLD,
DONATED AND RETAINED (PRINTED IN ADDIS ABABA)**

YEAR*	ADDIS ZEMEN				HERALD			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1985/86	9260000	9113633	11220	135147	2005200	1844906	14147	146147
1986/87	9260000	9109676	140876	9448	2005500	1841752	154338	9410
1987/88	9285000	9134010	144175	6815	2009000	1850658	153057	5285
1988/89	9240000	9088757	146623	9620	2002000	1844289	154631	3080
1989/90	9180000	9026173	149252	4575	1983500	1823363	157087	3050

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

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

YEAR*	BERISA				SERTO ADER			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1985/86	113000	98029	1266	13705	10482648	10473753	4984	-
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	-	-	-	-

TABLE N3 (CONT'D)

YEAR*	AL ALEM				YEZAREITU ETHIOPIA				ZENA BETEKIRISTIAN			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1985/86	130500	87125	625	42750	1580000	1558462	1415	20123	24000	22200	583	1217
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

*YEAR ENDING JULY 7

SOURCE: - MINISTRY OF INFORMATION;

- ETHIOPIAN ORTHODOX CHURCH

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

YEAR*	PEOPLE'S POLICE			
	PRINTED	SOLD	DONATED	RETAINED
1985/86	1670500	1665532	4968	240
1986/87	1413954	1410449	3505	-
1987/88	1959486	1956416	3024	46
1988/89	2396200	2391104	5096	-
1989/90	-	-	-	-

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

TABLE N5:-NUMBER OF COPIES OF NEWS PAPERS
PRINTED IN ASMARA

YEAR*	ETHIOPIA				HIBRATE			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1985/86	250609	245793	326	4490	1276448	1254097	2348	20003
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	...	...	...	...	...	...	...	...

*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
1985/86	80500	77428	1196	1876	11900	7375	3536	989
1986/87	60500	58027	1608	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	98373	1377	250	10200	5836	789	3575

*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
1985/86	2400	1600	600	200	389994	389916	78	-
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	...	...	...	...

*YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN MEDICAL ASSOCIATION

TABLE N8:- CIRCULATIONS OF NEWS PAPERS BY ADMINSTRATIVE REGION

ADMINSTRATIVE REGION	1985/86*			1986/87*			1987/88*		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
ARSI	189482	20032	209514	186132	19544	205676	189234	20427	209661
BALE	163125	16119	179244	161520	13407	174927	164062	13865	177927
ERITREA	830290	1326771	2157061	805956	1301135	2107091	822923	1313209	2136132
ASEB ADMIN.	-	-	-	146804	21259	168063	149506	22019	171525
GAMO GOFA	81400	6507	87907	80420	8654	89074	82922	9669	92591
GOJAM	432567	28814	461381	427980	28984	456964	430574	29259	459833
GONDER	183264	14353	197617	180980	14645	195625	183422	15053	198475
HARERGE	898863	106947	1005810	895736	112130	1007866	895738	109917	1005655
ILUBABOR	277950	31460	309410	275500	31070	306570	278362	31875	310237
KEFA	341007	29507	370514	338192	30107	368299	340734	30479	371213
SHEWA	1503182	97486	1600668	1897349	102302	1999651	1749404	102711	1852115
ADDIS ABABA	4470875	1725852	6196727	4366123	1710665	6076788	4472166	1702915	6175081
SIDAMO	576651	47549	624200	572496	47852	620348	574830	47871	622701
TIGRAY	139795	10923	150718	149560	10939	160499	156162	11605	167767
WELEGA	233741	22420	256161	230820	22339	253159	230422	23105	253527
WOLO	369617	23842	393459	365872	23516	389388	366674	24181	392855
TOTAL	10691809	3508582	14200391	11081440	3498548	14579988	11089135	3508160	14597295

TABLE N8 (CONT'D)

ADMINISTRATIVE REGION	1988/89*			1989/90*		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
ARSI	185055	18768	203823	187000	15024	202024
BALE	160520	12631	173151	162925	6390	169315
ERITREA	815543	1329971	2145514	594600	70425	665025
ASEB ADMIM.	145537	18420	163957	148080	15650	163730
GAMO GOFA	79462	7833	87295	172415	11894	184309
GOJAM	430530	32260	462790	487500	30674	518174
GONDER	180045	13184	193229	173600	12135	185735
HARERGE	892400	111999	1004399	401500	28170	429670
ILUBABOR	270660	30294	300954	564425	34117	598542
KEFA	341219	31726	372945	48225	4695	52920
SHEWA	1745500	103476	1848976	1738850	88329	1827179
ADDIS ABABA	4480485	1697940	6178425	4381549	1398159	5779708
SIDAMO	571310	42618	613928	439800	28796	468596
TIGRAY	149280	9814	159094	...	...	...
WELEGA	231585	21510	253095	221325	17750	239075
WELO	361735	21918	383653	...	...	...
TOTAL	11040866	3504362	14545228	9721794	1762208	11484002

*YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION