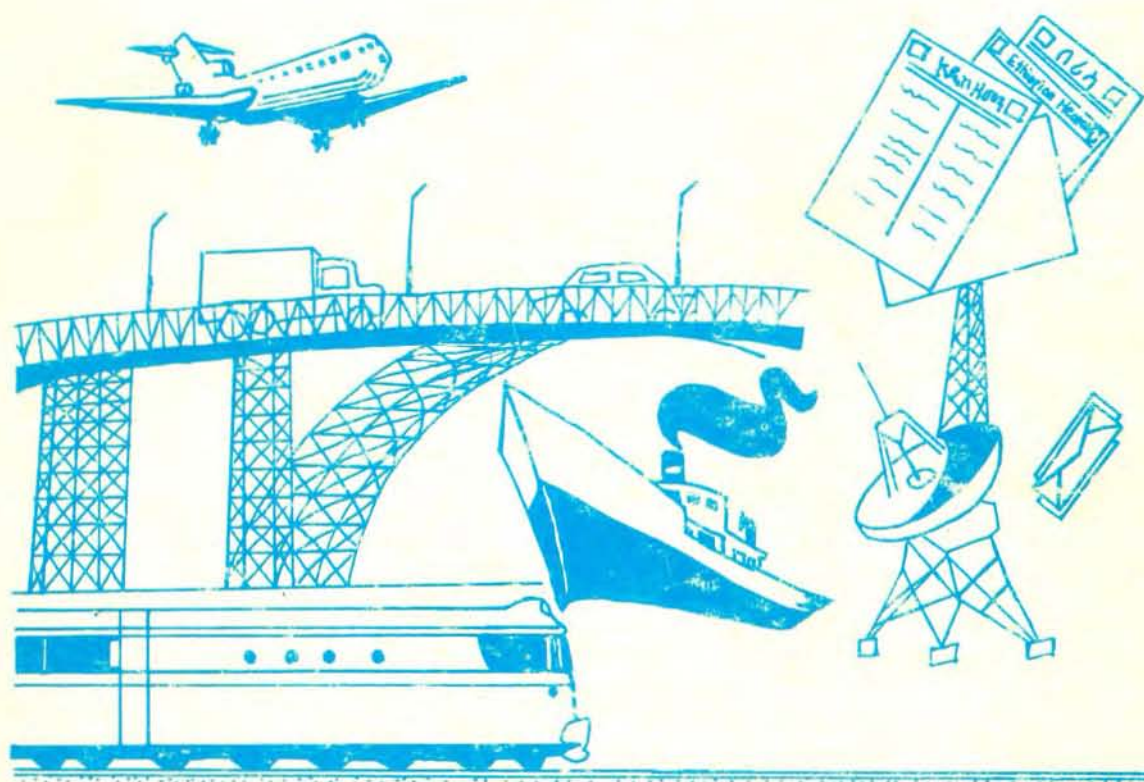


TRANSITIONAL GOVERNMENT OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS

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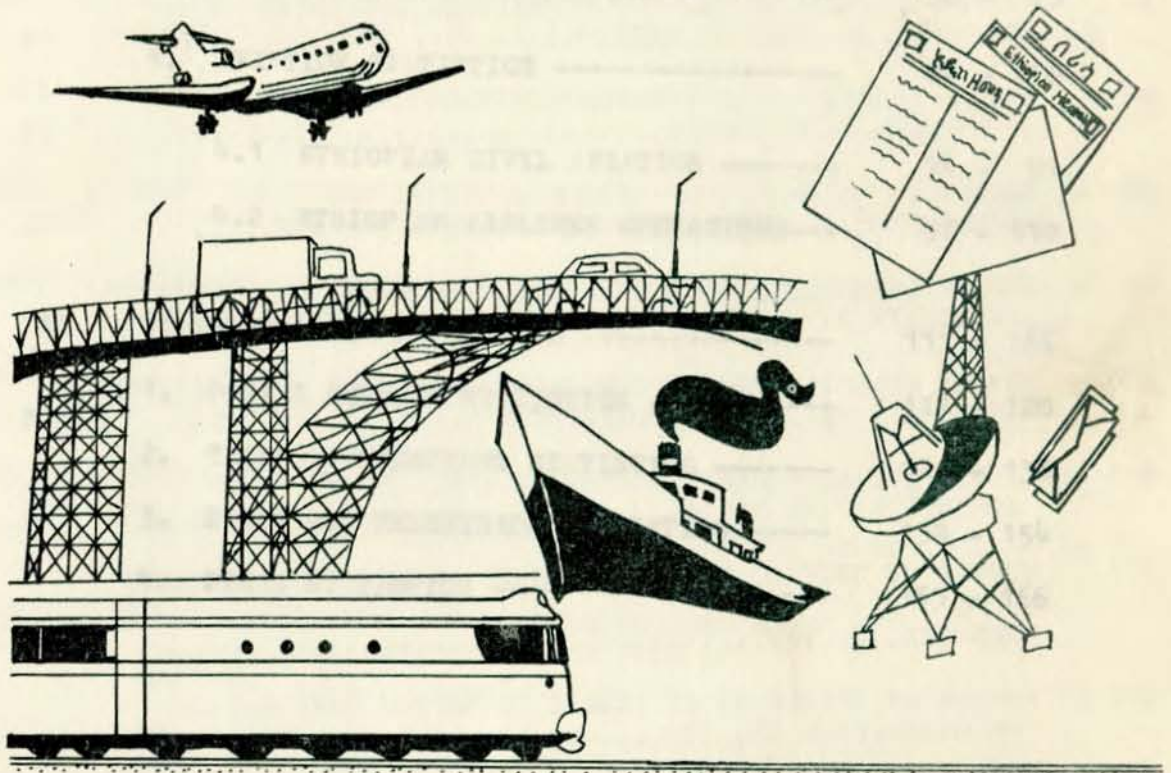


ADDIS ABABA SEPTEMBER, 1991

TRANSITIONAL GOVERNMENT OF ETHIOPIA  
**CENTRAL STATISTICAL AUTHORITY**

**TRANSPORT AND COMMUNICATIONS STATISTICS**

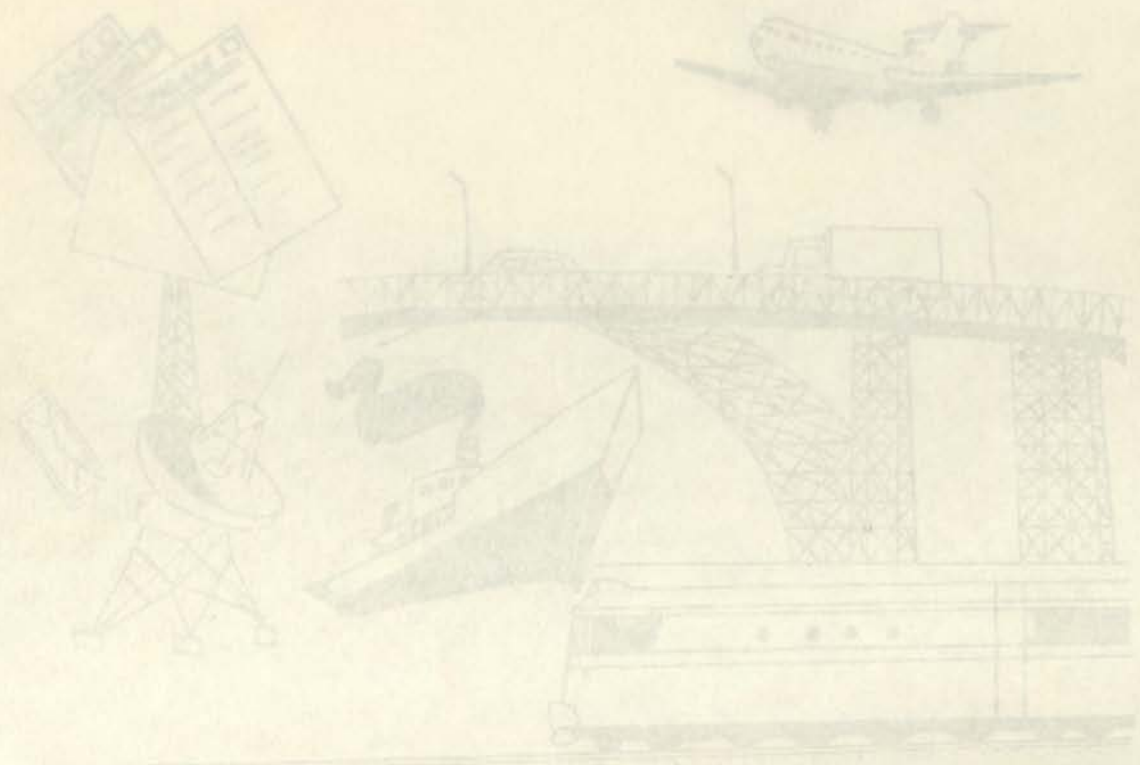
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ADDIS ABABA SEPTEMBER, 1991

TRANSITIONAL GOVERNMENT OF ETHIOPIA  
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA, SEPTEMBER, 1989



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## Introduction

Transport and communications sector plays a vital role in the expansion and/or development of the socio-economy of a country. In cognition of its direct and indirect contribution to the national product, the Central Statistical Authority (CSA) found it imperative to collect, compile and present the background information related to the sector.

In this publication an attempt is made to present a relatively detailed and more comprehensible statistical information than what is compiled in the Annual Statistical Abstract of Ethiopia- another 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 issue, which is the 13<sup>th</sup> in the series, as in the previous publications, carries data on all modes of transport, i.e, land, water, air and rail. The second part contains communications statistics on telecommunications, postal, broadcasting (Radio and TV) and press services.

Besides, in this publication some new tables are introduced and effort is made to arrange the tables and graphs accordingly so as to suit users.

Without the co-operation of government and non-government institutions this publication wouldn't have been successful. The C.S.A 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.

### Notes:-

1. The dates are in Gregorian Calendar and Ethiopian Budget year in accordance with the reference period of sources. The budget year starts on July 8<sup>th</sup>.
2. In some tables figures may not add to totals due to rounding.
3. The following symbols have been used.  
" - " Nil or negligible  
" ... " Data not available.

## Road Transport

Road transport as a factor of development is the most important of the four modes of transport. This is so not only because the development of its network contributes to the broadening of the infrastructure of the country (i.e., the opening of schools, health centers, etc.) but also road transport handles the lion's share of the total transportation activity.

As an indication of its development, i.e., 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 of the bulletin.

The largest number of motor vehicles was imported in 1985. Thereafter the figure has substantially declined for the successive years, the only exception being the year 1988 where it increased notably compared to the previous year. But the decrease in 1989 was substantial compared to the previous three years. Import of lorries and trucks of various sizes and purposes has decreased from 2216 in 1988 to 576 in 1989 depicting a decline of 74.0 percent. On the contrary import of passenger cars increased from 240 in 1988 to 299 in 1989 showing an increment of 24.6 percent. But there was a slight decrease in import of station wagons, i.e. from 1196 in 1988 to 1176 in 1989 or a decrease of 1.7 percent.

Table R<sub>2</sub> shows quantity and value of exports and imports by modes of transport. This is a new table in which attempt has been made to show the share of different modes of transport in external trade of the country.

Tables R<sub>3</sub> to R<sub>5</sub> deal with number of employees of the Road Transport Authority by occupation, administrative region, salary group and sex respectively. Tables R<sub>6</sub> and R<sub>7</sub> show the number of old new motor vehicles inspected in Ethiopia by type of service and administrative region. The total number of inspected motor vehicles has decreased by 1.3 percent from 65,303 in 1987/88 to 64,417 in 1988/89.

Tables R<sub>8</sub>-R<sub>10</sub> indicate the number of employees of Transport Construction Authority by occupation, administrative region, salary

group and sex. Table R<sub>11</sub> shows the length of all-weather roads by type and administrative region. A decrease in the length of roads may be observed when roads are asphalted and/or short-cut routes constructed.

In 1988/89 the network density was 1.49 i.e., for every 100 square kms there was a road network of 1.49 kms. The density for 1984/85 was 1.32.

Public transport buses of different sizes decreased from 3562 in 1987/88 to 3230 in 1988/89 showing a 9.3 percent decrease. But the number of passengers transported and distance covered have risen during the same period.

Medium size buses carried 65.2 percent of the total passengers and covered a total distance of 65.3 mill. kms. Tables R<sub>22</sub> to R<sub>26</sub> show road haulage activities. The number of trucks has shown a decline of 4.1 percent in 1988/89, i.e., from 8132 in 1987/88 to 7798 in 1988/89. During the same period 6.4 million tons of freight was transported and 2725.4 mill Ton/km was recorded.

As shown in tables R<sub>27</sub> to R<sub>28</sub> motor vehicle accidents were on the rise in the year 1984/85 - 1987/88 but there was a significant decrease in the number of accidents in the following year, i.e. 1988/89. Government cars were the most involved in accidents that occurred in Ethiopia.

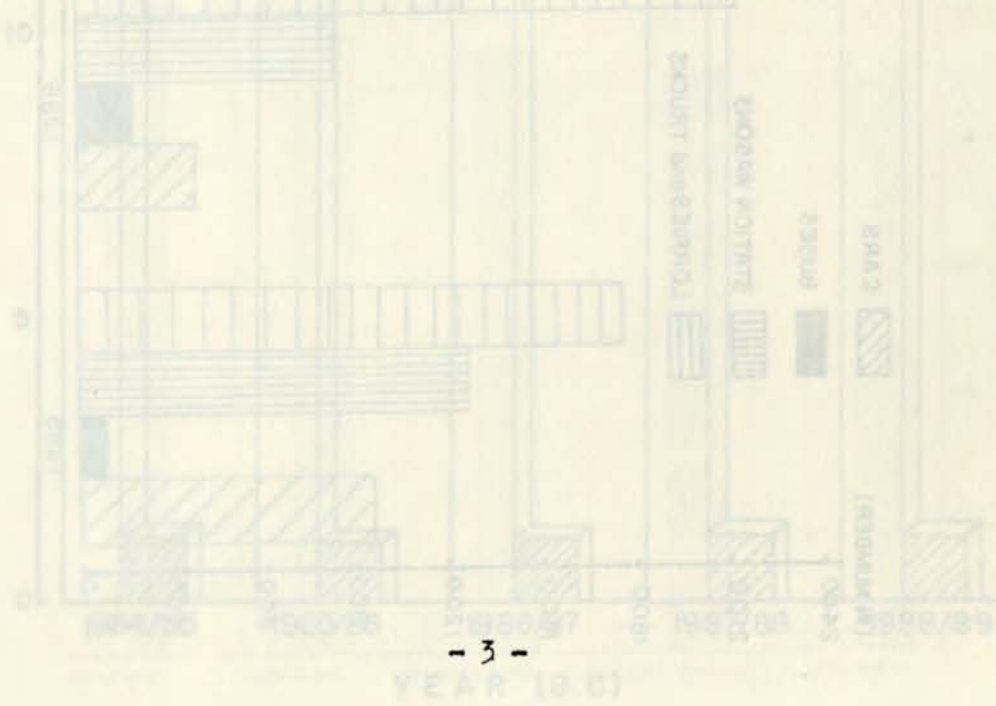
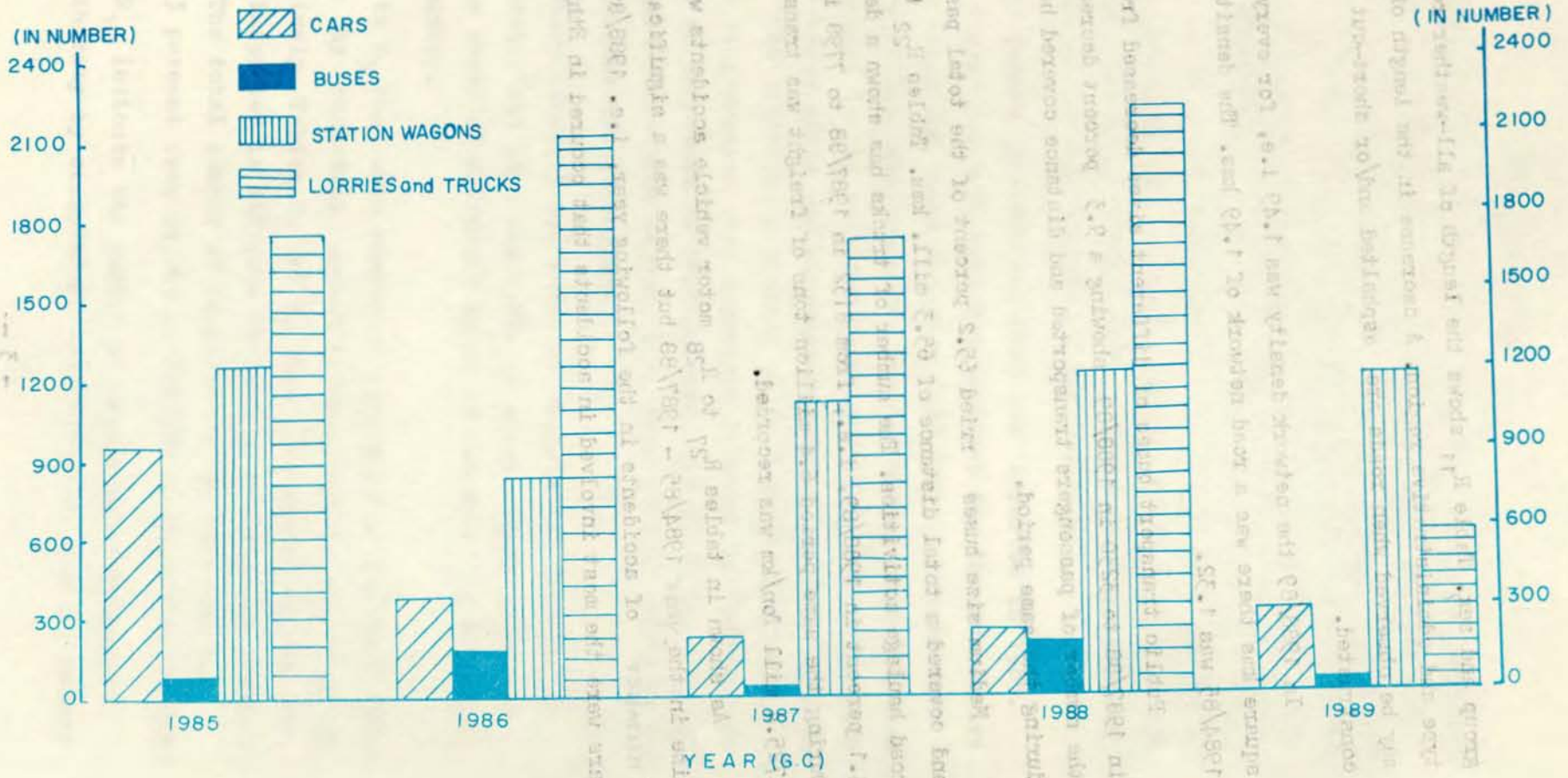


Fig 1. IMPORT OF MOTOR VEHICLES BY TYPE



**Fig.2- DRIVING LICENCES ISSUED BY SEX**

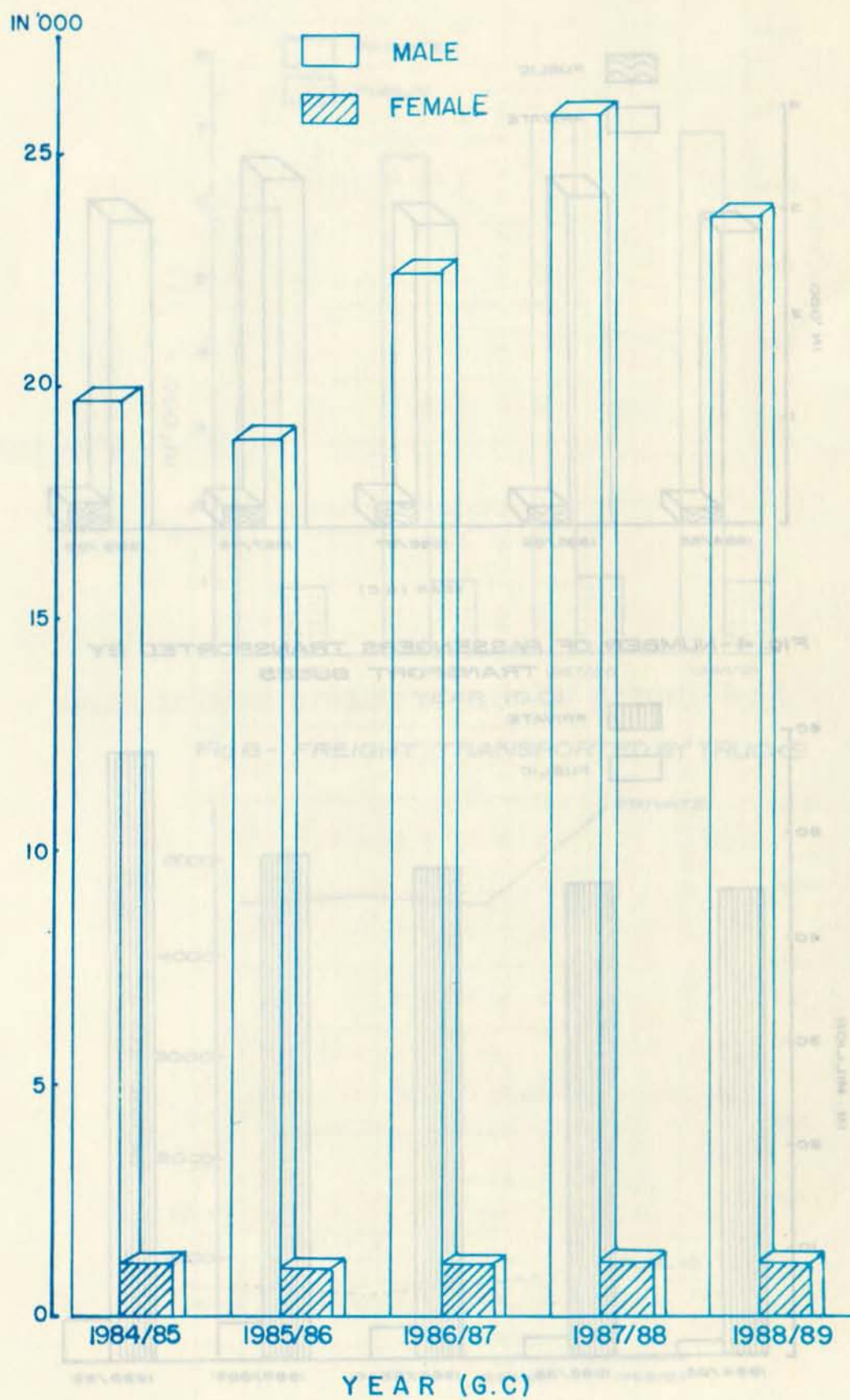


Fig. 3-NUMBER OF TRANSPORT BUSES IN ETHIOPIA

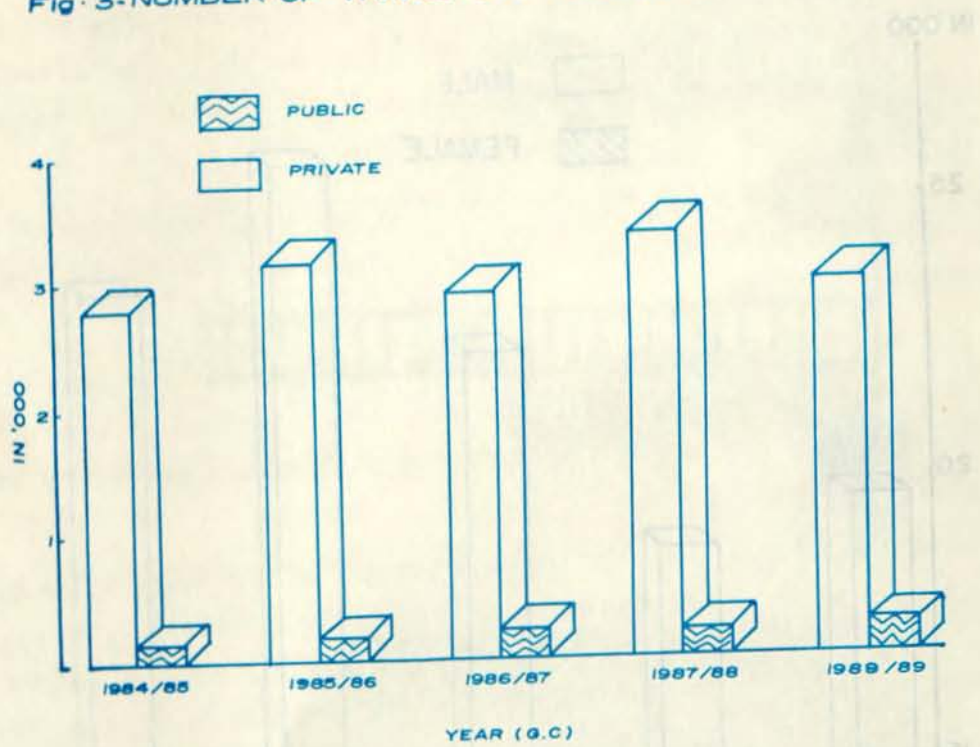


Fig. 4-NUMBER OF PASSENGERS TRANSPORTED BY TRANSPORT BUSES

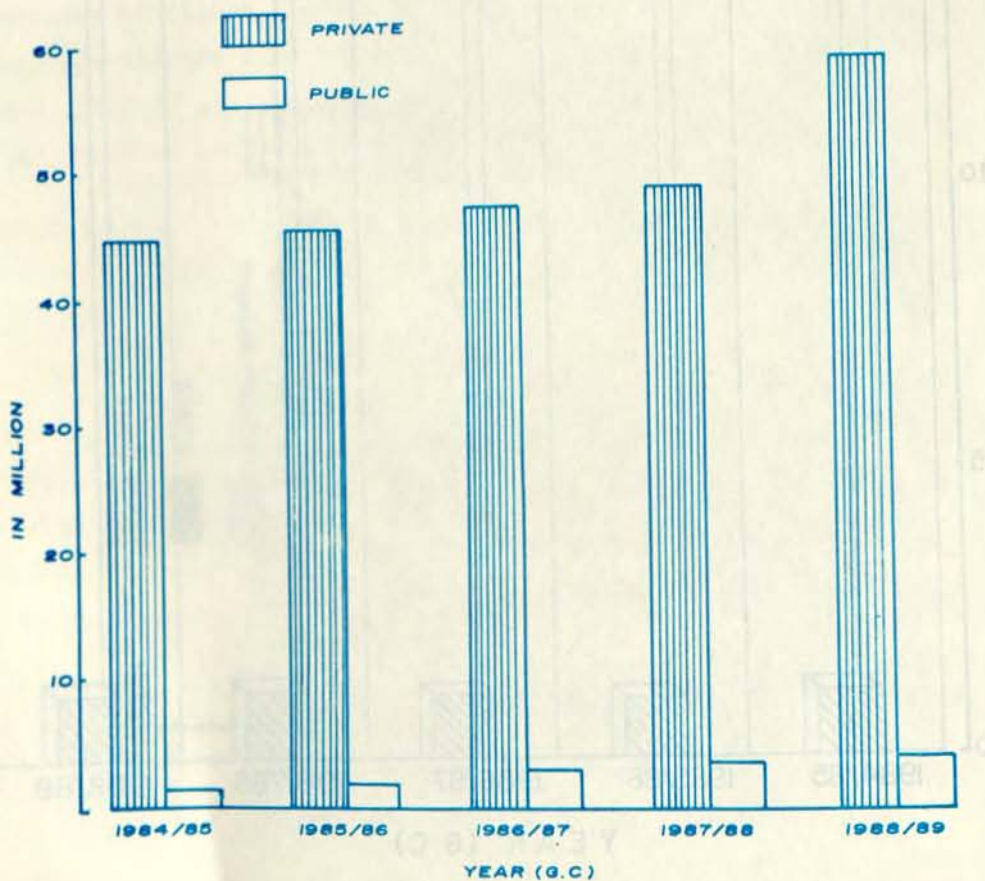


Fig.5- NUMBER OF TRUCKS IN ETHIOPIA

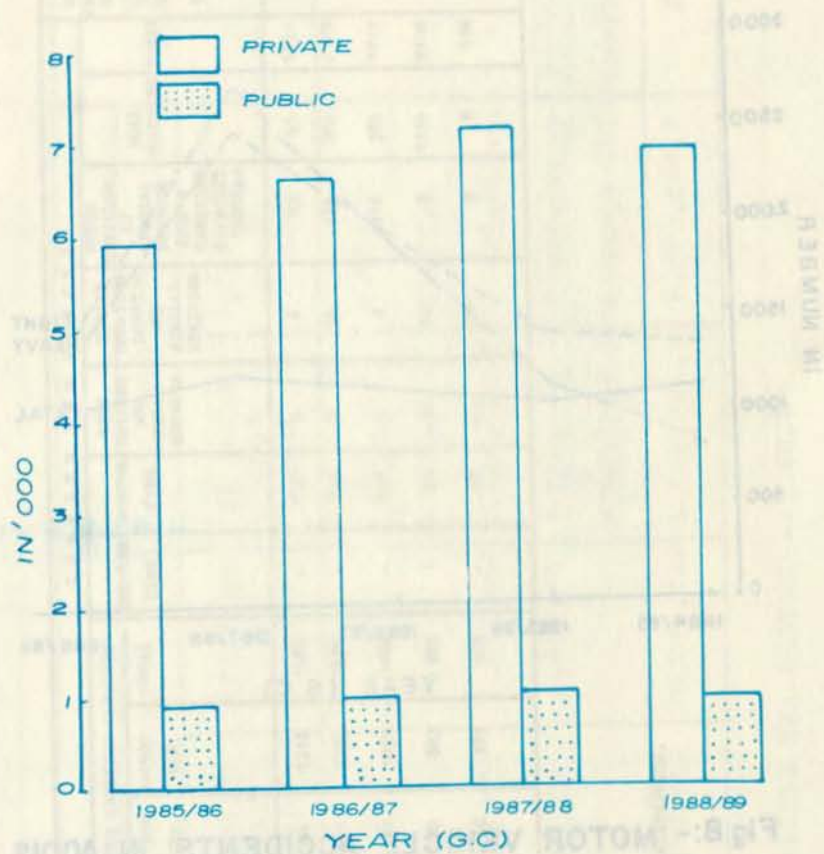


Fig.6 - FREIGHT TRANSPORTED BY TRUCKS

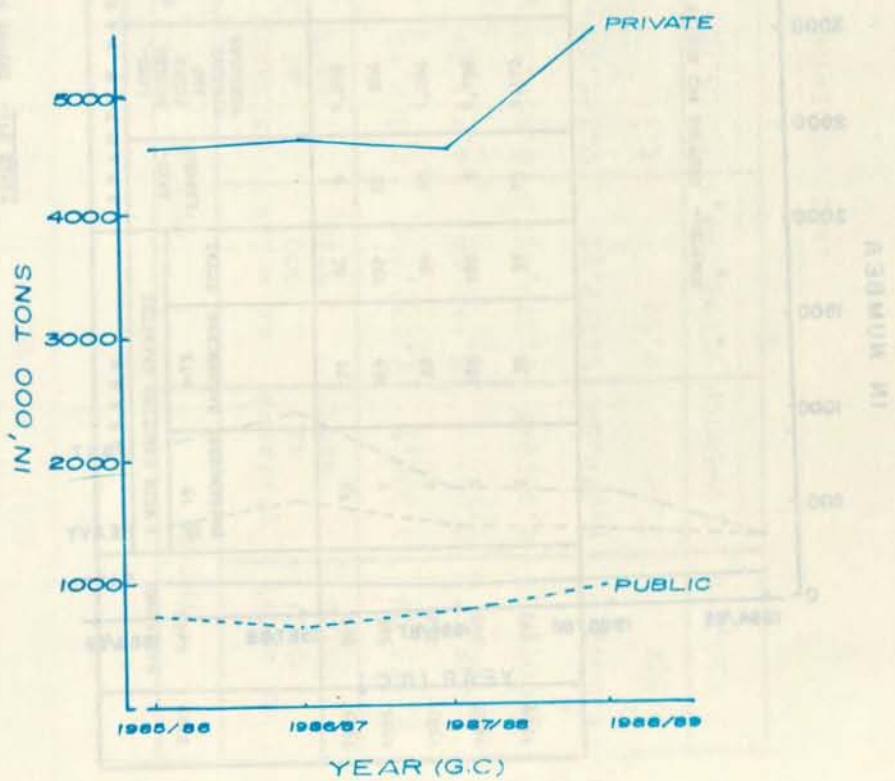


Fig. 7:- MOTOR VEHICLE ACCIDENTS IN ETHIOPIA

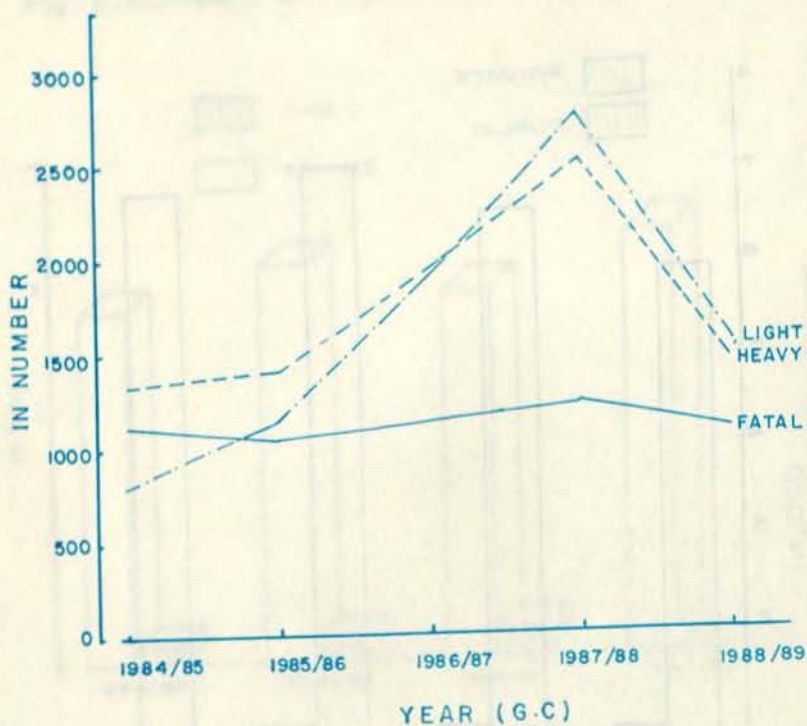


Fig 8:- MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA

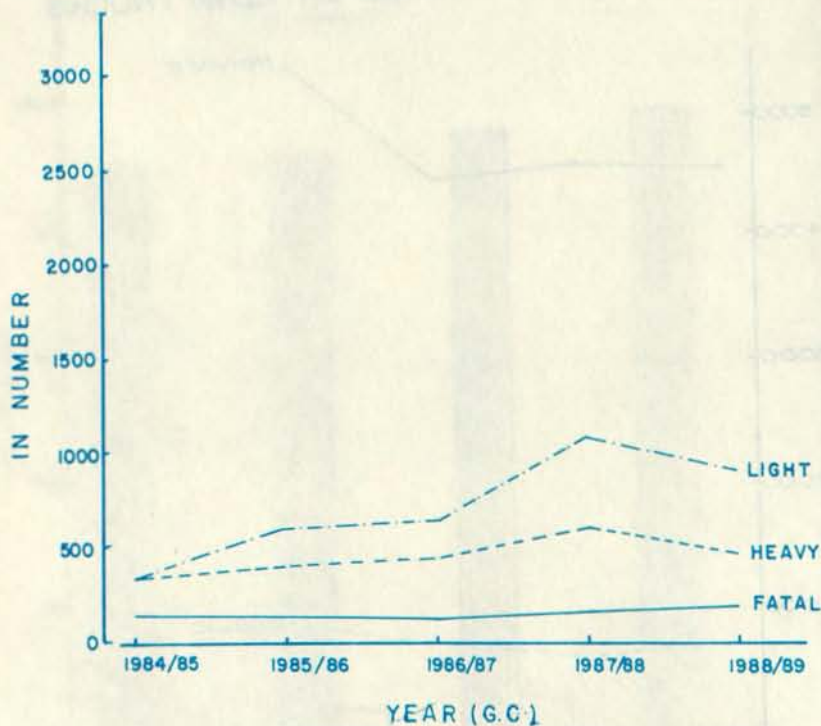


TABLE R1:- IMPORT OF ROAD MOTOR VEHICLES BY TYPE

YEAR	PASSENGER CARS	BUSES			STATION WAGONS			LORRIES AND TRUCKS										OTHER PASSENGER OR LOAD CARRYING VEHICLES	GRAND TOTAL
		WITH CARRYING CAPACITY			AMBU-LANCES	LAND-ROVERS JEEPS AND SIMILAR VEHICLES	TOTAL	WITH CARRYING CAPACITY			SHUTTER CARS	DUMPER CARS	FIRE ENGINES AND FIRE ESCAPES	STREET SPRAYING LORRIES AND SIMILAR VEHICLES	MOTOR VEHICLES OF SPECIAL PURPOSE WITH A CARRYING CAPACITY 1500Kgs.	ROAD TRACTORS	TOTAL		
		≤ 15 PASSENGERS	>15 PASSENGERS	TOTAL				≤1500 KGS.	>1500 KGS.	TOTAL									
1985	961	15	71	86	9	1,246	1,255	264	1218	1482	-	112	5	8	93	51	1751	125	4178
1986	386	9	163	172	22	806	828	151	1335	1486	-	103	3	16	219	302	2129	31	3546
1987	212	2	37	39	10	1,086	1,096	31	1051	1082	-	127	5	2	116	385	1717	47	3111
1988	240	3	183	186	3	1,196	1,199	10	883	993	1	24	3	56	5	1134	2216	28	3869
1989	299	1	30	31	15	1,176	1,191	38	377	415	-	67	...	77	9	8	576	7	2104

SOURCE:- CUSTOMS AND EXCISE TAX ADMINISTRATION.

SOURCE:- CUSTOMS AND EXCISE TAX ADMINISTRATION.

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

MODE OF TRANSPORT	1988				1989			
	IMPORT		EXPORT		IMPORT		EXPORT	
	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	78,137.7	674,828.7	6,447.1	92,225.0	89,338.3	505,555.3	7,586.6	47,811.9
Road	2,580.3	10,755.0	84.4	421.8	18,133.4	40,231.8	589.8	2,364.4
Sea	1,539,809.3	1,486,368.9	369,219.3	785,872.9	1,382,182.6	1,374,472.7	365980.8	836,707.2
Train	16,506.5	45,323.5	65,486.2	43,196.9	13,361.0	39,937.7	46,416.4	47,982.3
Unspecified	6,580.0	28,686.1	-	-	11.2	98.7	50.6	158.0
TOTAL	1,643,613.8	2,245,962.2	441,237.0	921,716.6	1,503,026.5	1,960,296.2	420624.2	935,023.8

SOURCE:- CUSTOMS AND EXCISE TAX ADMINISTRATION.

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

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. Administrative and Managerial Personnel	104	21	125	115	16	131
2. Professional, Technical and Related Personnel	136	13	149	154	10	164
3. Clerical and Related Personnel	226	118	344	249	114	363
4. Sales Workers	-	-	-	-	-	-
5. Service Workers	-	-	-	-	-	-
6. Production and Related Workers, Transport Equipment Operators and Labourers	250	140	390	244	153	397
7. Others	5	-	5	-	-	-
T O T A L	721	292	1013	762	293	1055

\* Year Ending July 7

Source: Road Transport Authority

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

ADMINISTRATIVE REGION	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Addis Ababa	342	160	502	363	162	525
Arssi	30	6	36	33	8	41
Bale	12	5	17	16	4	20
Eritrea	42	19	61	40	14	54
Gomo Gofa	14	3	17	14	3	17
Gojjam	25	8	33	26	8	34
Gonder	31	9	40	31	10	41
Hararghe	24	11	35	27	10	37
Illubabor	12	3	15	12	3	15
Keffa	23	13	36	25	16	41
Shewa	47	6	53	52	5	57
Sidamo	28	21	49	31	21	52
Tigray	22	6	28	22	5	27
Wellega	19	5	24	18	5	23
Wello	29	8	37	27	9	36
Assab Administration	20	10	30	25	10	35
T O T A L	720	293	1013	762	293	1055

\* Year Ending July 7

Source: Road Transport Authority

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

SALARY GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50 - 149	257	167	424	252	165	417
150 - 249	177	68	245	154	65	219
250 - 349	111	40	151	122	40	162
350 - 449	60	10	70	72	10	82
450 - 549	49	2	51	50	3	53
550 - 649	42	3	45	40	3	43
650 - 749	18	3	21	40	4	44
750 - 849	1	-	1	25	-	25
850 - 949	1	-	1	-	-	-
950 - 1049	1	-	1	4	3	7
1050 - 1149	-	-	-	-	-	-
1150 - 1249	1	-	1	1	-	1
1250 - 1349	-	-	-	-	-	-
1350 & above	2	-	2	2	-	2
<b>T O T A L</b>	<b>720</b>	<b>293</b>	<b>1013</b>	<b>762</b>	<b>293</b>	<b>1055</b>

\* 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	1984/85			1985/86			1986/87			1987/88			1988/89		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
PRIVATE CARS	27,095	1,631	28,726	30,567	550	31,117	26,067	691	26,758	26,077	612	26,689	24,941	1,471	25,412
TAXI	3,376	59	3,435	1,950	19	1,969	3,158	196	3,354	3,419	406	3,825	2,612	28	2,640
GOVERNMENT CARS	5,176 <sup>+</sup>	443 <sup>+</sup>	5,619 <sup>+</sup>	5,343	297	5,640	11,474	1,597	13,071	7,798	1,019	8,817	8,106	854	8,960
DIPLOMATIC CARS	364	203	567	182	114	296	328	167	495	461	168	629	601	190	791
UNITED NATIONS CARS <sup>++</sup>	1,123	191	1,314	742	222	964	1,127	479	1,606	1,026	117	1,143	1,517	509	2,026
AID VEHICLES	758	670	1,428	534	638	1,172	2,367	676	3,043	2,378	339	2,737	2,543	419	2,962
MICRO COMMERCIAL BUSES	2,641	212	2,853	3,324	31	3,355	3,829	208	4,037	2,717	111	2,828	2,583	87	2,670
PUBLIC COMMERCIAL BUSES	1,823	166	1,989	971	93	1,064	454	105	559	1,019	55	1,074	1,062	226	1,288
COMMERCIAL PICK UPS	6,060	387	6,447	6,704	229	6,933	2,366	61	2,427	4,768	239	5,007	5,170	189	5,359
HEAVY COMMERCIAL TRUCKS	5,830	435	6,265	5,947	499	6,446	2,745	486	3,231	5,734	591	6,325	5,647	674	6,321
HEAVY TRUCK TRAILORS	1,764	68	1,832	2,053	135	2,188	1,150	234	1,384	2,822	162	2,984	2,311	154	2,465
BENZINE TRUCKS	572	96	668	803	73	876	636	75	711	990	113	1,103	861	115	976
BENZINE TRUCK TRAILORS	510	49	559	559	62	621	295	83	378	466	29	495	546	63	609
MOTOR CYCLES	764	295	1,059	997	230	1,227	1,197	319	1,516	1,215	492	1,707	1,079	597	1,676
OTHER VECHICLES	1,148	158	1,306	416	140	556	..	..	..	196	44	240	201	61	262
TOTAL	59,004	5,063	64,067	68,092	3332	64,424	57,193	5377	62,570	61,086	4,217	65,303	59,780	4,637	64,417

\* 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 BY ADMINISTRATIVE REGION\***

ADMINISTRATIVE REGION	1984/85			1985/86			1986/87			1987/88			1988/89		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSSI	1330	12	1342	1384	17	1401	1454	38	1492	1343	61	1404	1083	22	1105
BALE	146	3	149	155	-	155	294	-	294	309	8	317	290	12	302
ERITREA	5173	90	5263	5646	70	5716	5915	23	5938	6582	86	6668	6352	71	6423
GAMO GOFA	127	2	129	230	1	231	243	6	249	217	15	232	165	13	178
GOJJAM	557	-	557	517	1	518	625	4	629	633	15	648	659	5	664
GONDER	639	-	639	568	3	571	549	6	555	649	11	660	730	26	756
HARARGHE	1842	-	1842	1895	-	1895	1354	1	1355	1737	-	1737	1928	38	1966
ILLUBABOR	202	5	207	256	3	259	389	3	392	359	16	375	306	-	306
KEFFA	1104	45	1149	1017	27	1044	1030	4	1034	1038	28	1066	640	20	660
SHEWA	44034	4866	48900	45499	3134	48633	41505	5266	46771	44230	3870	48100	44048	4346	48394
SIDAMO	1166	-	1166	1245	-	1245	1397	4	1401	1594	97	1691	1424	34	1458
TIGRAI	378	-	378	323	-	323	353	2	355	255	9	264	15	-	15
WELLEGA	745	4	749	488	5	493	306	1	307	540	-	540	460	14	474
WOLLO	873	18	891	1020	9	1029	856	19	875	790	1	791	893	11	904
ASSAB ADMINISTRATION	688	18	706	903	-	903	923	-	923	810	-	810	787	25	812
<b>TOTAL</b>	<b>59004</b>	<b>5063</b>	<b>64067</b>	<b>61146</b>	<b>3270</b>	<b>64416</b>	<b>57193</b>	<b>5377</b>	<b>62570</b>	<b>61086</b>	<b>4217</b>	<b>65303</b>	<b>59780</b>	<b>4637</b>	<b>64417</b>

\* 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 TRANSPORT CONSTRUCTION AUTHORITY  
BY OCCUPATION AND SEX\***

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. Administrative and Managerial Personnel	33	1	34	33	1	34
2. Professional, Technical and Related Personnel	3904	81	3985	3320	65	3385
3. Clerical and Related Personnel	956	265	1221	956	257	1213
4. Sales Workers	-	-	-	-	-	-
5. Service Workers	423	41	464	3007	65	3072
6. Production and Related Workers, Transport Equipment Operators and Labourers	14303	128	14431	12303	128	12431
<b>T O T A L</b>	<b>19619</b>	<b>516</b>	<b>20135</b>	<b>19619</b>	<b>516</b>	<b>20135</b>

\*Year Ending July 7

Source: Ethiopian Transport Construction Authority

TABLE R 9 NUMBER OF EMPLOYEES OF ETHIOPIAN TRANSPORT CONSTRUCTION AUTHORITY BY ADMINISTRATIVE REGION AND SEX

ADMINISTRATIVE REGION	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Addis Ababa	1121	200	1321	1121	210	1331
Arssi	206	1	207	206	1	207
Bale	764	7	771	764	7	771
Eritrea	601	15	616	601	15	616
Gamo Gofa	574	3	577	574	3	577
Gojjam	1470	24	1494	1470	24	1494
Gonder	1085	22	1107	1085	32	1117
Hararghe	1577	28	1605	1577	38	1615
Illubabor	1815	23	1838	1815	23	1838
Keffa	975	11	986	975	20	995
Shewa	5346	148	5494	5346	109	5455
Sidamo	1371	8	1379	1371	8	1379
Tigrai	79	1	80	79	11	90
Wellega	525	2	527	525	2	527
Wello	2033	21	2054	2033	21	2054
Assab Administration	77	2	79	77	2	79
<b>T O T A L</b>	<b>19619</b>	<b>516</b>	<b>20135</b>	<b>19619</b>	<b>516</b>	<b>20135</b>

\* Year Ending July 7

Source: Ethiopian Transport Construction Authority

**TABLE R10: NUMBER OF EMPLOYEES OF ETHIOPIAN TRANSPORT CONSTRUCTION AUTHORITY  
BY SALARY GROUP AND SEX\***

SALARY GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50 - 149	12732	127	12859	12735	127	12862
150 - 249	1588	55	1643	1588	55	1643
250 - 349	2590	93	2683	2590	93	2683
350 - 449	1589	150	1739	1589	150	1739
450 - 549	287	56	343	287	56	343
550 - 649	615	32	647	615	32	647
650 - 749	118	2	120	118	2	120
750 - 849	44	1	45	41	1	42
850 - 949	17	-	17	17	-	17
950 -1049	18	-	18	18	-	18
1050 -1149	2	-	2	2	-	2
1150 -1249	11	-	11	11	-	11
1250 -1349	-	-	-	-	-	-
1350 & above	8	-	8	8	-	8
<b>TOTAL</b>	<b>19,619</b>	<b>516</b>	<b>20,135</b>	<b>19,619</b>	<b>516</b>	<b>20,135</b>

\* Year Ending July 7

Source: Ethiopian Transport Construction Authority

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

ADMINISTRATIVE REGION	1984/85			1985/86			1986/87			1987/88			1988/89		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSSI	176	59	235	176	59	235	176	59	235	176	59	235	176	59	235
BALE	147	-	147	147	-	147	163	-	163	147	-	147	230	-	230
ERITREA	266	567	833	266	567	833	266	567	833	266	567	833	332	567	899
GOMO GOKA	152	-	152	152	-	152	167	-	167	152	-	152	225	-	225
GOJJAM	905	91	996	930	91	1021	990	91	1081	938	91	1029	886	91	977
GONDER	695	15	710	695	15	710	716	15	731	695	15	710	859	15	874
HARARGHE	1447	366	1813	1447	336	1783	1500	366	1866	1592	366	1958	1525	366	1891
ILLUBABOR	534	127	661	551	127	678	644	127	771	677	127	804	725	129	854
KEFFA	571	220	791	571	220	791	571	220	791	571	220	791	571	220	791
BHEWA	1271	1397	2668	1271	1407	2678	1294	1410	2704	1321	1433	2754	1245	1505	2750
SIDAMO	381	508	889	381	508	889	932	508	900	381	508	889	490	508	998
TIGRAI	622	48	670	622	48	670	622	48	670	622	48	670	622	48	670
WELLEGA	846	-	846	873	-	873	986	-	986	879	-	879	942	-	942
WELLO	442	579	1021	442	579	1021	442	579	1021	432	589	1021	442	601	1043
ASSAB ADMINISTRATION	-	-	-	-	-	-	4	72	76	-	72	72	-	-	-
TOTAL	8455	3977	12432	8524	3957	12481	8933	4062	12995	8849	4095	12944	9270	4109	13379
RURAL ROADS			4079			4539			4917			5605			5232
GRAND TOTAL			16511			17020			17912			18549			18611

\* YEAR ENDING JULY 7.

NOTE:- RURAL ROADS ARE MINOR GRAVEL SURFACED AGRICULTURAL ACCESS ROADS INRURAL AREA WITH THE HIGHEST COST OF CONSTRUCTION AND DESIGN STANDARD AS COMPARED WITH OTHER CATEGORIES OF ROADS GIVEN ABOVE.

SOURCE:- ETHIOPIAN TRANSPORT CONSTRUCTION AUTHORITY.

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

Y E A R *	ETHIOPIANS			FOREIGNERS			GRAND
	Male	Female	Total	Male	Female	Total	TOTAL
1984/85	19,765	1,048	20,813	115	56	171	20,984
1985/86	18,935	988	19,843	109	90	199	20,042
1986/87	22,504	1033	23,537	119	73	192	23,729
1987/88	25,862	1162	27,024	99	55	154	27,178
1988/89	23,830	1119	24,949	87	43	130	25,079

\* Year Ending July 7

Source:- Road Transport Authority.

**TABLE R13:-NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION**

**BY OCCUPATION AND SEX \***

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. Administrative and mangerial Personnel	146	12	158	111	10	121
2. Professional Technical and Related Personnel	163	54	217	12	11	23
3. Clerical and Related Personnel	1793	669	2462	540	369	909
4. Sales Workers	-	-	-	18	7	25
5. Service Workers	373	144	517	317	149	466
6. Production and Related Workers, Transport Equipment operator and Labourers	1183	90	1273	2741	570	3311
7. Others	-	-	-	-	-	-
<b>TOTAL</b>	<b>3658</b>	<b>969</b>	<b>4627</b>	<b>3739</b>	<b>1116</b>	<b>4855</b>

\* Year Ending July 7

Source: Public Transport Corporation.

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

ADMINISTRATIVE REGION	1987/88			1888/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Addis Ababa	2918	858	3776	2975	987	3962
Arssi	18	2	20	20	1	21
Bale	9	2	11	9	2	11
Eritrea	68	14	82	68	18	86
Gomo Gofa	7	-	7	6	-	6
Gojjam	42	14	56	61	14	75
Gonder	32	6	38	35	5	40
Hararghe	103	19	122	106	21	127
Illubabor	11	.	11	9	-	9
Keffa	84	10	94	92	14	106
Shewa	219	15	234	209	26	235
Sidamo	32	6	38	31	9	40
Tigray	11	1	12	-	-	-
Wellega	17	3	20	20	1	21
Wello	85	17	102	96	16	112
Assab	2	2	4	2	2	4
<b>T O T A L</b>	<b>3658</b>	<b>969</b>	<b>4627</b>	<b>3739</b>	<b>1116</b>	<b>4855</b>

\* Year Ending July 7

Source: Public Transport Corporation

NUMBER OF EMPLOYEES OF PUBLIC TRANSPORT CORPORATION  
BY SALARY GROUP AND SEX\*

SALARY GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50 - 149	1092	374	1466	1121	553	1674
150 - 249	1119	215	1334	1240	177	1417
250 - 349	658	181	839	593	203	796
350 - 449	362	140	502	325	13	438
450-549	227	35	262	237	38	275
550 - 649	87	10	97	98	19	117
650 - 749	58	4	62	99	4	63
750-- 849	17	5	22	24	5	29
850 - 949	11	2	13	12	2	14
950 - 1049	12	-	12	7	-	7
1050 - 9	2	-	2	7	-	7
1150-- 1249	3	-	3	7	1	8
1250 - 1349	3	1	4	3	-	3
1350 & above	7	2	9	6	1	7
<b>Total</b>	<b>3658</b>	<b>969</b>	<b>4627</b>	<b>3739</b>	<b>1116</b>	<b>4855</b>

\* Year Ending July 7

Source:- Public Transport Corporation.

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

BUSES		1984/85	1985/86	1986/87	1987/88	1988/89
Size	Owner Ship					
Large	Public	134	175	232	194	256
	Private	295	270	304	372	396
Medium	Public	-	-	-	-	-
	Private	1,284	1,385	1,306	1,458	1,332
Small	Public	-	-	-	-	-
	Private	1,231	1,502	1,295	1,538	1,246

\* 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		1984/85	1985/86	1986/87	1987/88	1988/89
LARGE	PUBLIC	1459	2158	3071	3509	4088
	PRIVATE	4527	4780	5133	4758	4891
MEDIUM	PUBLIC	-	-	-	-	-
	PRIVATE	27795	28318	28784	30641	40743
SMALL	PUBLIC	-	-	-	-	-
	PRIVATE	12426	12400	13062	12944	12770

\* YEAR ENDING JULY 7.

SOURCE:- PUBLIC TRANSPORT CORPORATION.

Annex R18:- DISTANCE COVERED BY OWNERSHIP AND

SIZE OF PUBLIC TRANSPORT BUSES \*

IN ' 000Kms.

B U S E S		1984/85	1985/86	1986/87	1987/88	1988/89
Large	Public	6,797	8,047	10,242	12,748	15,723
	Private	10,758	14,772	13,902	14,299	15,108
Medium	Public	-	-	-	-	-
	Private	54,957	54,064	55,308	56,693	65,298
Small	Public	-	-	-	-	-
	Private	32,246	35,783	37,764	37,928	35,553

\* Year Ending July 7.

Source:- Public Transport Corporation.

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

OCCUPATION GROUP	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
1. Administrative and Managerial Personnel	53	5	58	60	5	65
2. Professional, Technical and Related Personnel	83	27	110	126	27	153
3. Clerical and Related Personnel	783	367	1150	883	417	1300
4. Sales Workers	17	6	23	25	8	33
5. Service Workers	709	107	816	767	157	924
6. Production and Related Workers, Transport Equip- ment operators and Laborers	2246	27	2273	2388	27	2415
7. Others	-	-	-	-	-	-
<b>Total</b>	<b>3891</b>	<b>539</b>	<b>4430</b>	<b>4249</b>	<b>641</b>	<b>4890</b>

\* 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	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
Addis Ababa	2755	417	3172	2898	488	3386
Arsi	41	1	42	24	4	28
Bale	16	-	16	13	2	15
Eritrea	236	43	279	354	49	403
Gamo Gofa	2	-	2	11	1	12
Gojjam	41	7	48	40	7	47
Gonder	12	5	17	13	5	18
Hararghe	49	5	54	91	12	103
Illubabor	11	2	13	12	3	15
Keffa	38	2	40	43	5	48
Shewa	248	18	266	289	28	317
Sidamo	37	2	39	13	2	15
Tigray	26	2	28	26	2	28
Wellega	39	5	44	44	6	50
Wello	39	14	53	35	8	43
Assab Administration	301	16	317	343	19	362
<b>Total</b>	<b>3891</b>	<b>539</b>	<b>4430</b>	<b>4249</b>	<b>641</b>	<b>4890</b>

\* YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN FREIGHT TRANSPORT CORPORATION.

**TABLE R21: NUMBER OF ETHIOPIAN FREIGHT TRANSPORT CORPORATION  
BY SALARY GROUP AND SEX \***

Salary Group	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
50-149	...	...	817	641	118	759
150-249	...	...	766	739	132	871
250-349	...	...	1418	1114	159	1273
350-449	...	...	807	1077	85	1162
450-549	...	...	249	263	74	337
550-649	...	...	129	149	48	197
650-749	...	...	115	83	6	89
750-849	...	...	58	93	14	107
850-949	...	...	25	33	4	37
950-1049	...	...	28	34	-	34
1050-1149	...	...	7	6	1	7
1150-1249	...	...	2	6	-	6
1250-1349	...	...	-	2	-	2
1350 & above	...	...	9	9	-	9
<b>Total</b>			<b>4430</b>	<b>4249</b>	<b>641</b>	<b>4890</b>

\* Year Ending July 7

Source:- Ethiopian Freight Transport Corporation.

TABLE R22: NUMBER OF TRUCKS BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA.\*

OWNERSHIP ZONE YEAR	P U B L I C				P R I V A T E				GRAND TOTAL
	T Y P E				T O T A L				
1985/86	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	TOTAL
1	32	543		470		305		1318	1350
2	-	542		353		171		1066	1066
3	-	296		519		256		1071	1071
4	-	328		596		208		1132	1132
5	738	608		-		-		608	1346
6	135	739		-		-		739	874
TOTAL	905	3056		1938		940		5934	6839

TABLE R 22 (CONT'D)

TABLE R 22 (CONT'D)

\* SOME OF INCLUDES PRIVATE

ZONE	OWNER SHIP		P R I V A T E		TOTAL	Grand Total
	PUBLIC	PRIVATE	Heavy Trucks	Small Trucks		
1986/87	T Y P E				TOTAL	
	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
SMARA	42	230	93	160	483	525
TOTAL	968	3378	1129	2120	6627	7595

TRUCKS OWNED BY WARE ORGANISATIONS AND LOCAL CORPORATIONS ARE NOT INCLUDED.

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO-ORDINATION

CONT'D.

TABLE R22 (CONT'D)

ZONE YEAR	PUBLIC		PRIVATE			GRAND TOTAL
	TYPE		TOTAL			
1987/88	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	
1 <sup>+</sup>	101	621	325	608	1554	1655
2	-	565	207	407	1179	1179
3	-	405	357	635	1397	1397
4	-	313	223	553	1089	1089
5	774	956	-	-	956	1730
6	146	936	-	-	936	1082
TOTAL	1,021	3,796	1,112	2,203	7111	8132

+ ZONE 1 INCLUDES ERITREA.

TABLE R22 (CONT'D)

OWNERSHIP ZONE YEAR	PUBLIC	P R I V A T E				TOTAL	GRAND TOTAL
		T Y P E					
1988/89		HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
1	-	288	164	288	740	740	
2	-	468	207	351	1026	1026	
3	-	403	332	564	1299	1299	
4	-	325	231	589	1145	1145	
5	695	740	-	-	740	1435	
6	148	1167	-	-	1167	1315	
Asmara	107	532	46	153	731	838	
TOTAL	950	3923	980	1945	6848	7798	

\* 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

TRUCKS OWNED BY MASS ORGANIZATIONS AND SOME CORPORATIONS ARE NOT INCLUDED.

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO- ORDINATION CENTER.

TABLE R23:- FREIGHT TRANSPORTED BY OWNERSHIP AND ZONE IN ETHIOPIA \*

ZONE	1985/86			1986/87		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	123,211	976,009	1,099,220	12,464	574,471	586,935
2	11,135	692,880	704,015	6,325	895,565	901,890
3	4,909	947,670	952,579	3,277	924,844	928,121
4	43,749	791,259	835,008	19,143	821,464	840,607
5	552,495	1,151,065	1,703,560	574,016	1,060,105	1,634,121
6	-	-	-	-	-	-
ASMARA	-	-	-	53,900	347,200	401,100
TOTAL	735,499	4,558,883	5,294,382	669,125	4,623,649	5,292,774

TABLE R23 (CONT'D)

ZONE	1987/88			1988/89		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	81,500	867,500	949,000	-	572,800	572,800
2	-	921,000	921,000	-	861,300	861,300
3	-	1,007,600	1,007,600	-	926,700	926,700
4	-	896,300	896,300	-	998,800	998,800
5	672,400	795,100	1,467,500	1,698,700	843,200	1,541,900
6	-	-	-	149,400	982,700	1,132,100
ASMARA	-	-	-	103,700	307,800	411,500
TOTAL	753,900	4,487,500	5,241,400	951,800	5,493,300	6,445,100

\* YEAR ENDING JULY 7

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

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO-ORDINATION CENTER.

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

(IN '000 KMS)

OWNERSHIP ZONE YEAR	PUBLIC		PRIVATE			GRAND TOTAL
	TYPE					
1985/86	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	
1	2,843	16,819	5,735	7,460	30,014	32,857
2	122	12,164	3,094	8,259	23,517	23,639
3	136	9,282	8,894	33,520	51,696	51,832
4	1,173	11,866	8,814	10,620	31,300	32,473
5	22,304	75,228	-	-	75,228	97,532
6	5,608	33,350	-	-	33,350	38,958
ASMARA	-	-	-	-	-	-
TOTAL	32,186	158,709	26,537	59,89	245,105	277,291

TABLE R24 - (CONT'D)

TABLE R24 (CONT'D)						
ZONE OWNERSHIP YEAR	PUBLIC		PRIVATE			GRAND TOTAL
	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS	TOTAL	
1986/87						
1	469	10,931	10,446	8,309	29,686	30,155
2	43	11,442	3,304	8,587	23,333	23,376
3	2,714	10,292	7,774	32,551	50,617	53,331
4	655	10,438	7,222	21,708	39,368	40,023
5	31,489	49,873	-	-	49,873	81,362
6	4,664	35,894	-	-	35,894	40,558
ASMARÁ	1,423	3,769	983	1,262	6,014	7,437
TOTAL	41,457	132,639	29,729	72,417	234,785	276,242

TABLE R24 (CONT'D)

TABLE R24 ( CONT'D)

ZONE	OWNERSHIP	TYPE				TOTAL	GRAND TOTAL
		PUBLIC	PRIVATE				
YEAR		HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
1987/88							
1		1,055	13,571	4,178	9,155	26,904	27,959
2		29	11,954	4,375	6,336	22,665	22,694
3		60	9,851	8,096	32,329	50,276	50,336
4		651	9,898	5,553	11,104	26,555	27,206
5		24,849	34,902	-	-	34,902	59,751
6		4,771	38,716	-	-	38,716	43,487
TOTAL		31,415	118,892	22,202	58,924	200,018	231,433

TABLE R24:- (CONT'D)

IN '000 KMS)

OWNERSHIP ZONE YEAR	PUBLIC		P R I V A T E			GRAND TOTAL
	T Y P E					
1988/89 *					TOTAL	
	HEAVY TRUCKS	HEAVY TRUCKS	MEDIUM TRUCKS	SMALL TRUCKS		
1	-	11,583	2,818	10,777	25,178	25,178
2	-	14,044	4,538	4,774	23,356	23,356
3	-	8,413	7,666	37,001	53,080	53,080
4	-	10,713	6,086	9,405	26,204	26,204
5	26,129	37,397	-	-	37,397	63,526
6	4,875	47,656	-	-	47,656	52,531
ASMARA	906	-	-	-	6,368	7,274
TOTAL	31,910	129,806	21,108	61,957	219,239	251,149

\* YEAR ENDING JULY 7.

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO-ORDINATION CENTER.

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

ZONE	1985/86			1986/87		
	OWNERSHIP		TOTAL	OWNERSHIP		TOTAL
	PUBLIC	PRIVATE		PUBLIC	PRIVATE	
1	16.68	200.62	217.30	4.93	151.18	156.11
2	1.47	143.98	145.45	0.86	146.46	147.32
3	2.18	166.64	168.82	0.77	166.58	167.35
4	12.59	177.93	190.52	12.31	179.12	191.43
5	442.78	885.33	1328.11	481.98	855.57	1337.55
6	-	-	-	-	-	-
ASMARA	-	-	-	9.10	44.40	53.50
TOTAL	475.7	1574.5	2050.2	509.95	1543.31	2053.26

TABLE R25:- (CONTD)

TABLE R 25 ( CONT'D)

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO-ORDINATION CENTER.

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

\* YEAR ENDING JULY 7

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO-ORDINATION CENTER.

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	136,435	86.43	756,276	486.16	892,771	572.59
1986/87	111,665	83.52	889,984	552.27	1,001,649	635.79
1987/88	106,600	76.00	959,000	604.60	1,065,600	680.6
1988/89	149,400	121.60	982,700	665.90	1,132,100	787.50

\* YEAR ENDING JULY 7.

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

SOURCE:- NATIONAL ROAD TRANSPORT CORPORATION, FREIGHT TRANSPORT CO-ORDINATION CENTER.

TABLE R27:- NUMBER OF ROAD MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA AND  
ADDIS ABABA BY TYPE OF VEHICLE \*

TABLE R27:-MOTOR VEHICLE TRAFFIC ACCIDENTS IN ETHIOPIA.

Y E A R *	TOTAL NUMBER OF ACCIDENTS					NUMBER OF DEATHS				NUMBER OF PERSONS INJURED			
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	TOTAL	YOUNG	MATURED **	OLD	TOTAL	YOUNG	MATURED **	OLD	TOTAL
1984/85	796	1331	1090	1515	4732	288	843	149	1280	774	2747	270	3791
1985/86	1135	1406	1042	2094	5677	312	818	102	1232	1054	3344	286	4684
1986/87	1871	1909	1120	3093	7993	379	851	117	1347	2225	4036	396	6657
1987/88	2748	2501	1215	3791	10255	288	781	146	1215	1271	3458	520	5249
1988/89	1533	1460	1052	3965	8010	11	951	90	1052	47	2705	241	2993

\* YEAR ENDING JULY 7.

\*\* 19-55 YEARS OF AGE

SOURCE:- POLICE HEADQUARTERS, ADDIS ABABA. ACCIDENTS IN ADDIS ABABA

TABLE R28:- MOTOR VEHICLE TRAFFIC ACCIDENTS IN ADDIS ABABA.

Y E A R *	TOTAL NUMBER OF ACCIDENTS					NUMBER OF DEATHS				NUMBER OF PERSONS INJURED			
	LIGHT	HEAVY	FATAL	PROPERTY DAMAGE	TOTAL	YOUNG	MATURED **	OLD	TOTAL	YOUNG	MATURED **	OLD	TOTAL
1984/85	326	328	143	407	1,204	40	114	20	174	243	449	86	778
1985/86	609	395	146	774	1,924	53	78	15	146	425	607	103	1,135
1986/87	643	448	128	846	2,065	53	74	19	146	442	708	103	1,253
1987/88	1,070	597	177	2,300	4,144	53	84	35	172	512	929	226	1,667
1988/89	909	475	200	2,454	4,038	-	175	23	200	8	1279	97	1,384

\* 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	1985/86		1986/87		1987/88		1988/89	
	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS ABABA	ETHIOPIA	ADDIS- ABABA
PRIVATE CARS	939	626	894	600	940	663	3,185	1,464
TAXI	448	332	496	358	524	351	527	364
BUSES	603	134	617	152	872	385	924	462
TRUCKS	1,138	155	1,189	194	2,809	623	1,967	53
GOVERNMENT CARS	1,513	380	1,521	383	2,749	1,488	3,010	1,674
MILITARY CARS	511	120	540	137	627	185	842	217
DIPLOMATIC CARS	41	28	64	42	57	47	79	64
UNITED NATIONS CARS+	170	89	269	112	122	40	99	38
MOTOR CYCLES	60	28	66	34	91	35	81	43
CYCLES	52	11	40	8	51	10	39	6
CART	40	-	47	-	73	-	49	-
SPECIAL VEHICLES	107	-	99	9	58	1	75	-
OTHER	55	21	74	33	5	2	15	-
TOTAL	5,677	1,924	5,916	2,062	8,978	3,830	10,892	4,385

+ INCLUDES OTHER INTERNATIONAL ORGANIZATIONS

\* YEAR ENDING JULY 7.

SOURCE:- POLICE HEADQUARTERS, ADDIS ABABA

### Railway Statistics

This part of the bulletin reviews the operations of the Ethio-Djibouti railway Company. The company operates on a line with a length of 781 Kms. that stretches from the port city of Djibouti to Addis Ababa. It carries passengers and freight, the later consisting of import, export and internal traffic goods.

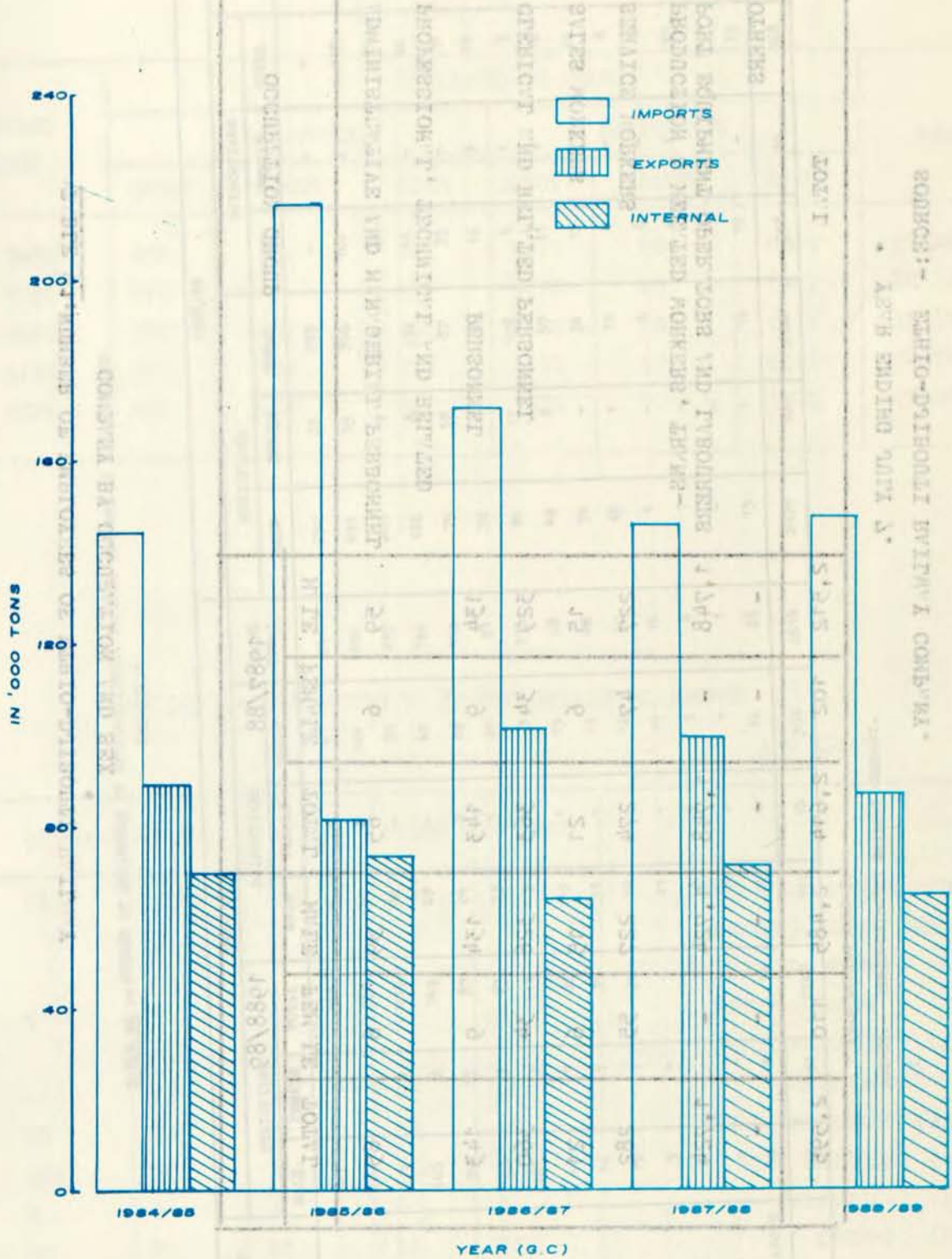
The statistics presented here shed light on the number of employees, rolling stocks, passengers, quantity of freight carried and the financial condition of the company.

In 1988/89 there were 2595 employees, of which 2227 were Ethiopians. During the same year the number of passengers constituted 1.1 million, registering a decrease of 217 thousand passengers or 16.5 percent relative to the preceding year. Nevertheless the number of rolling stocks remained the same during the same period, i.e., 798.

Tables W6 to W8 provide data on the volume of imports, exports and domestic goods transported by the railway company, respectively. The volume of imports increased from 145.8 thousand tons in 1987/88 to 147.4 thousand tons in 1988/89 or by 1.1 percent while the volume of exports decreased by 12.4 percent, from 99.6 thousand tons in 1987/88 to 87.2 thousand tons in 1988/89.

Table W9 shows the financial statement of the company. Revenue has declined from Birr 33.6 million to 28.5 million in 1988/89. On the contrary expenditure of the company increased from Birr 29.7 millions to Birr 31.4 million for the same period revealing an increment of 5.7 percent. In 1988/89 the company incurred a loss of Birr 2.9 millions.

**Fig. 9 - INTERNAL TRANSPORT OF GOODS, IMPORTS AND EXPORTS CARRIED BY ETHIO-DJIBOUTI RAILWAY**



SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY.  
\* YEAR ENDING JULY 31.

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

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	59	6	65	59	6	65
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	134	9	143	134	9	143
3. CLERICAL AND RELATED PERSONNEL	329	34	363	326	34	360
4. SALES WORKERS	15	6	21	15	6	21
5. SERVICE WORKERS	227	47	274	227	55	282
6. PRODUCTION & RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABOURERS	1,748	-	1,748	1,724	-	1,724
7. OTHERS	-	-	-	-	-	-
TOTAL	2,512	102	2,614	2,485	110	2,595

\* 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 ( BIHR)	1987/88						1988/89							
	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	721	23	744	-	-	-	744	750	25	775	-	-	-	775
150-249	724	12	736	120	4	124	860	691	15	706	107	3	110	816
250-349	217	8	215	80	-	80	295	203	9	212	84	1	85	297
350-449	140	9	149	47	-	47	196	126	8	134	44	-	44	178
450-549	72	15	87	24	2	26	113	70	17	87	35	-	35	122
550-649	68	3	71	19	1	20	91	72	4	76	16	3	19	95
650-749	101	12	113	2	1	3	116	96	12	108	4	1	5	113
750-849	48	7	55	12	1	13	68	49	8	57	11	1	12	69
850-949	36	1	37	11	-	11	48	34	-	34	15	-	15	49
950-1049	19	1	20	12	-	12	32	18	1	19	6	-	6	25
1050-1149	5	-	5	11	-	11	16	4	-	4	8	-	8	12
1150-1249	1	-	1	4	1	5	6	1	-	1	9	1	10	11
1250-1349	-	-	-	1	-	1	1	-	-	-	4	-	4	4
1350 AND ABOVE	13	1	14	14	-	14	28	13	1	14	15	-	15	29
TOTAL	2155	92	2247	357	10	367	2614	2127	100	2227	358	10	368	2595

\* YEAR ENDING JULY 7.

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY.

**TABLE W 3: 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	
1984/85	2080	89	2169	374	4	378	2547
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

**NUMBER OF ROLLING STOCKS OF ETHIO-DJIBOUTI RAILWAY\***

**TABLE W 4**

	1984/85	1985/86	1986/87	1987/88	1988/89
LENGTH OF RAILWAYS (KMS)	781	781	781	781	781
ROLLING STOCKS (NUMBER)					
(i) STEAM LOCOMOTIVES AND LOCOTRACTORS	4	7	7	7	7
(ii) DIESEL-ELECTRIC LOCOMOTIVES	30	34	34	34	34
(iii) PASSENGER CARS	52	63	63	63	63
(iv) FREIGHT CARS	603	624	624	678	678
(v) AUORAILS	6	6	6	6	6
(vi) OTHERS	13	14	10	10	10

\* YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

TABLE W5 :- PASSENGERS AND FREIGHT CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY

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 Tons Kms.	Average Kms. Per Ton of Coms. Traffic
	1st and 2nd Class	3rd Class	Total	Import			Export	Internal Traffic	Total			
1984/85	114	938	1052	275	261	144.5	90.3	70.1	304.9	144	472	
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	1040	1095	297.6	271.9	147.5	87.2	64.3	299.0	128.6	430.2	

\* 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				
	1984/85	1985/86	1986/87	1987/88	1988/89
Food and Live Animals	97.6	142.5	71.8	53.0	64.4
BEVERAGES AND TOBACCO	0.3	0.3	0.4	-	0.02
CRUDE MATERIALS EXCEPT FUELS	5.7	0.7	0.7	0.2	0.3
FUELS, LUBRICANTS AND RELATED MATERIALS	29.2	34.4	41.5	41.7	40.6
ANIMAL AND VEGETABLE OILS AND FATS	0.2	0.003	-	-	-
CHEMICALS	3.0	7.1	15.0	4.9	2.7
MANUFACTURED ARTICLES	2.3	21.9	32.9	37.0	27.8
MACHINERY AND TRANSPORT EQUIPMENT	1.4	2.1	2.4	2.1	1.8
MISCELLANEOUS ARTICLES N.E.S	4.8	7.5	6.3	6.9	9.8
TOTAL	144.5	216.5	171.0	145.8	147.4

\* YEAR ENDING JULY 7

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY .

TABLE W 7: EXPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE

SOURCE:- ETHIO-DJIBOUTI RAILWAY COMPANY

COMMODITY	QUANTITY IN '000 TONS				
	1984/85	1985/86	1986/87	1987/88	1988/89
FOOD AND LIVE ANIMALS	41.3	76.8	93.5	93.1	84.7
BEVERAGES AND TOBACCO	0.1	0.2	0.1	0.2	0.1
CRUDE MATERIALS EXCEPT FUELS	38.9	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
MACHINERY AND TRANSPORT EQUIPMENT	0.4	0.1	0.1	0.2	0.1
MISCELLANEOUS ARTICLES, N.E.S	8.8	3.3	6.7	5.6	1.5
TOTAL	89.5	81.5	101.0	99.6	87.2

\* 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				
	1984/85	1985/86	1986/87	1987/88	1988/89
FOOD AND LIVE ANIMALS	50.6	56.6	45.1	41.9	38.3
BEVERAGES AND TOBACCO	2.8	0.8	1.0	1.0	0.9
CRUDE MATERIALS, EXCEPT FUELS	1.0	1.4	2.4	6.6	8.3
FUELS, LUBRICANTS AND RELATED MATERIALS	0.4	0.2	0.3	0.5	0.7
ANIMAL AND VEGETABLE OILS AND FATS	0.8	-	-	-	-
CHEMICALS	0.3	0.4	1.0	1.9	0.2
MANUFACTURED ARTICLES	11.6	10.8	10.0	13.2	12.4
MACHINERY AND TRANSPORT EQUIPMENT	1.2	1.1	1.7	2.8	1.6
MISCELLANEOUS ARTICLES, N.E.S	1.4	1.2	2.2	2.4	2.0
TOTAL	70.1	72.5	63.7	70.3	64.4

\* YEAR ENDING JULY 7.

SOURCE:-ETHIO- DJIBOUTI RAILWAY COMPANY.

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

TABLE W 9:- 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
1884/85	8,020	17,083	1,047	26,150	15,005	11,077	2190 <sup>†</sup>	28,272
1985/86	9,874	18,904	1,297	30,075	15,918	9,131	5,608	30,657
1986/87	11,138	18,612	4,301	34,051	16,395	13,568	6,179	36,142
1987/88	12,537	16,836	4,268	33,641	16,315	10,032	3,393	29,740
1988/89	16,220.9	11,376.6	940.2	28,537.7	15,816.5	11,983.9	3,652.3	31,452.7

\* Year Ending July 7

\* Includes Interest Payment

Source:- Ethio-Djibouti Railway Company

## Harbour, Inland Waterways and Shipping Lines

### Statistics

The information here deals with the 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 refer to 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 Assab and Massawa. The ships that called at both ports in 1988/89 have decreased in number compared to the previous year, whereas the pattern of the cargo loaded and unloaded has varied between ports. At the port of Assab the cargo loaded and unloaded has increased while at Massawa port it has decreased significantly.

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 134 thousand passengers and 3.2 thousand Tons of freight were carried on these lakes and rivers in 1988/89.

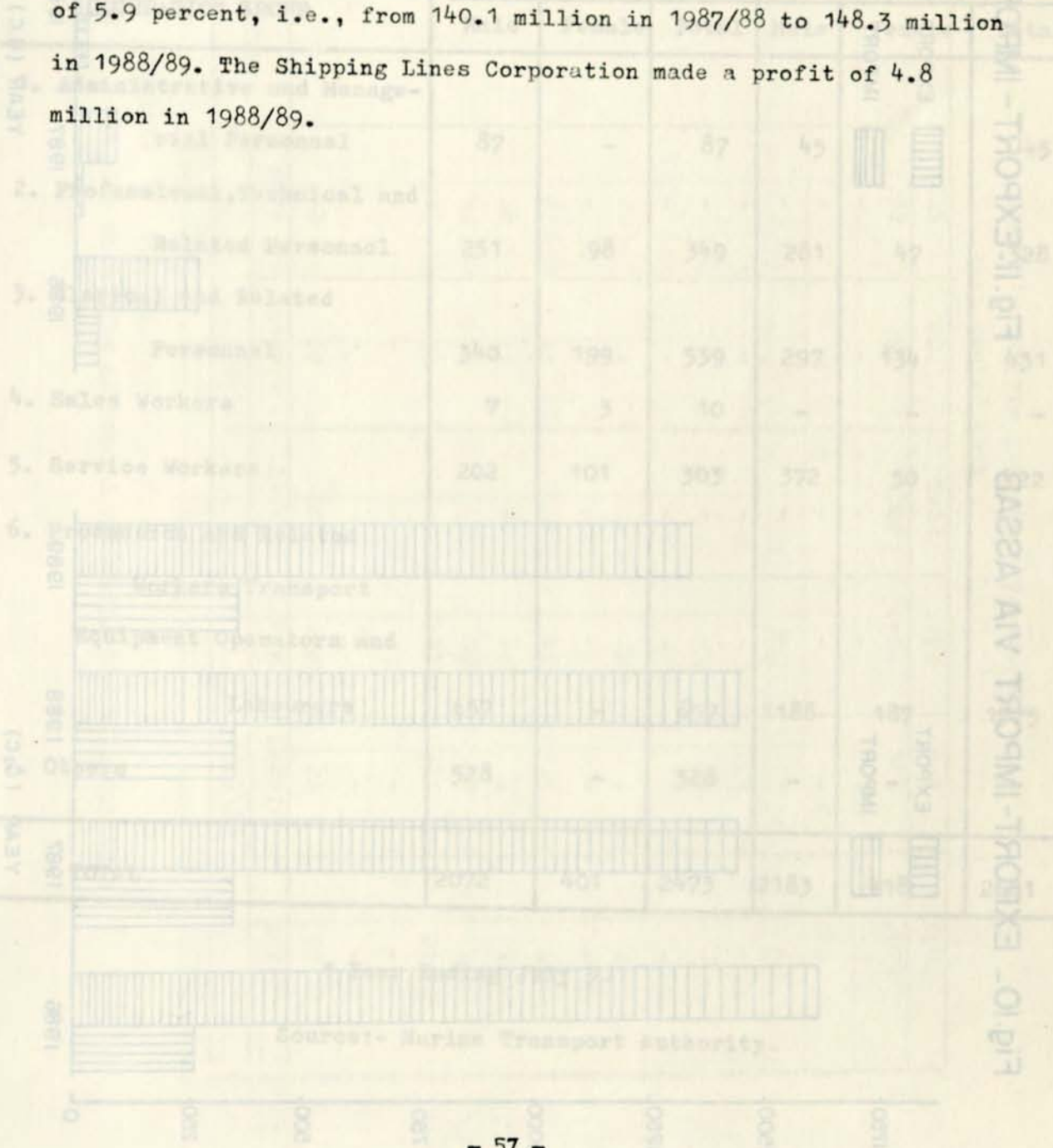
Tables H9 - H12 show the number of employees of Ethiopian Shipping Lines Corporation, Vessels in use and quantity of freight carried, respectively.

In 1988/89 the Shipping Lines Corporation had a staff of 452 of various occupation and of these technical personnel constituted 24.1 percent.

The volume of freight carried in the international route decreased from 378,428 Tons in 1987/88 to 329,413 Tons in 1988/89 revealing a decline of 12.9 percent. While in the coastal area it increased from 288,375 Tons in 1987/88 to 298,693 Tons in 1988/89 exhibiting a 3.6 percent increment. However, the number of ships remained the same.

Table H13 presents the financial condition of the corporation.

Revenue of the company amounted to 153 million in 1988/89 showing an increment of 9 million or 6.3 percent relative to the previous year. Likewise expenditure of the corporation showed an increment of 5.9 percent, i.e., from 140.1 million in 1987/88 to 148.3 million in 1988/89. The Shipping Lines Corporation made a profit of 4.8 million in 1988/89.



Source: - Marine Transport Authority.

Fig.IO- EXPORT-IMPORT VIA ASSAB

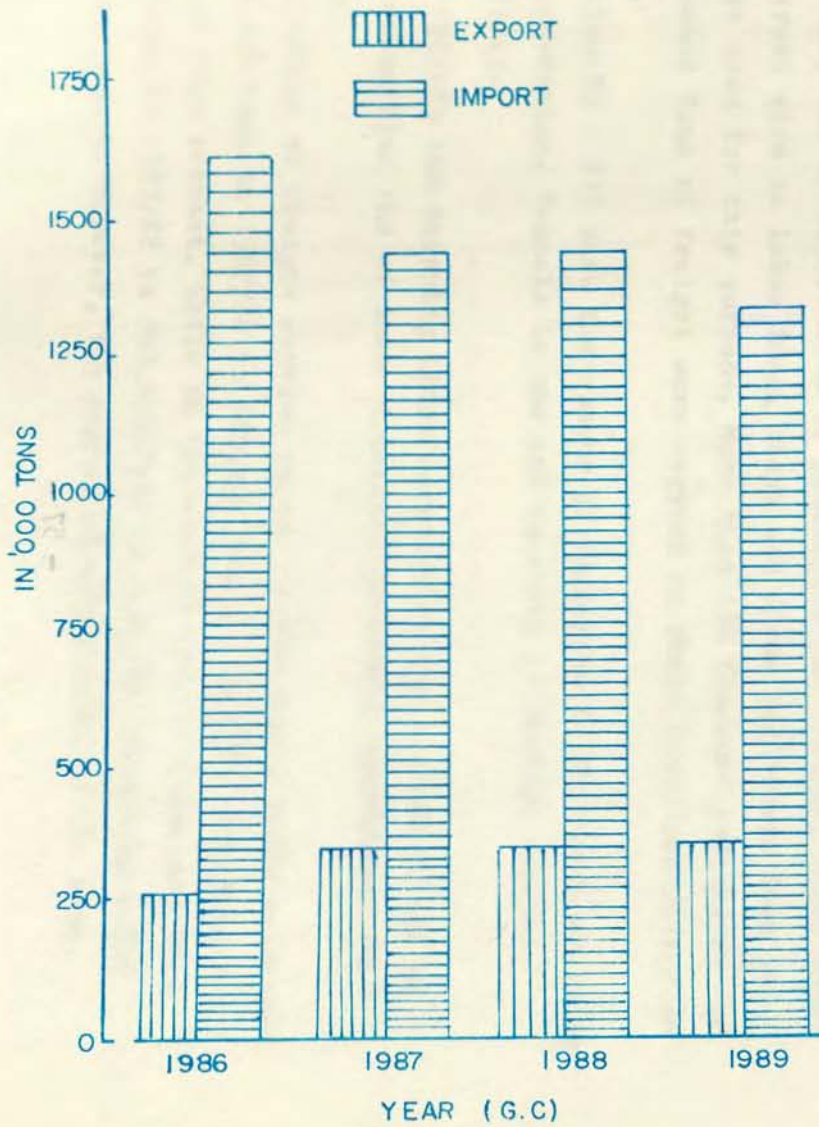
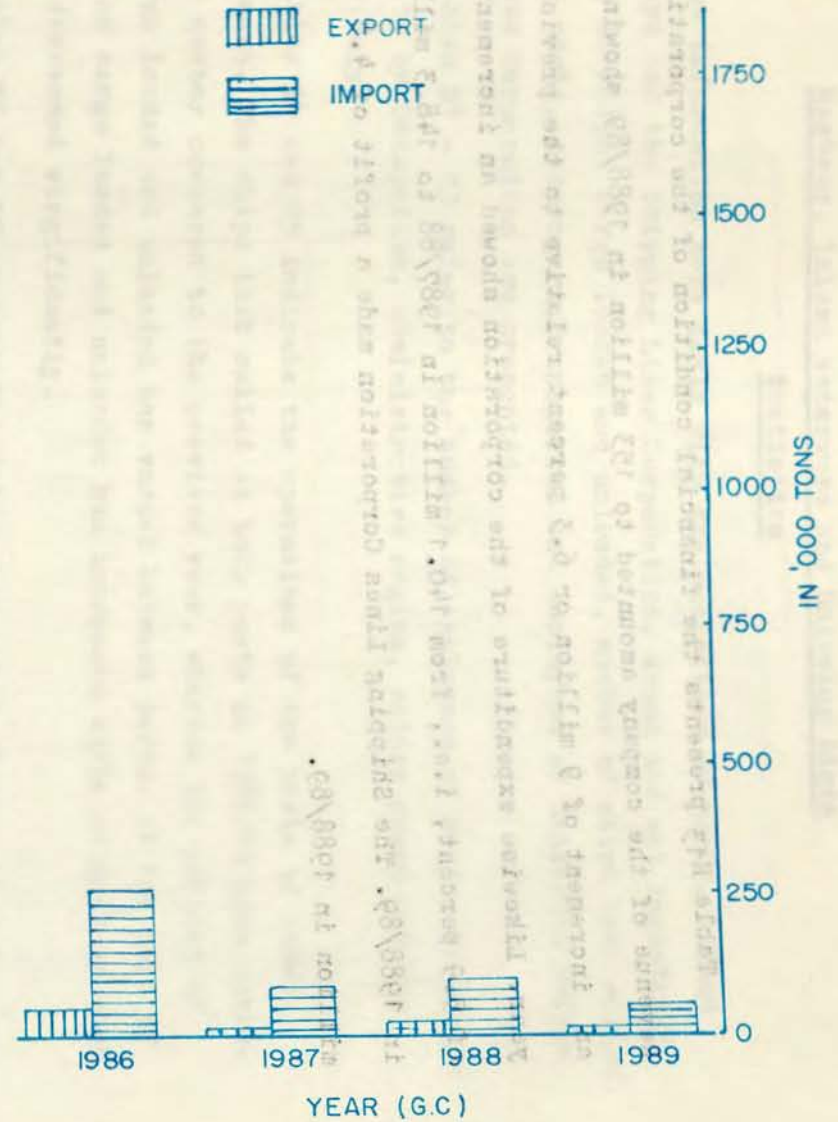


Fig.II-EXPORT-IMPORT VIA MASSAWA



**TABLE #1:- NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY  
BY OCCUPATION AND SEX \***

OCCUPATION GROUP	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
1. Administrative and Managerial Personnel	87	-	87	45	-	45
2. Professional, Technical and Related Personnel	251	98	349	281	47	328
3. Clerical and Related Personnel	340	199	539	297	134	431
4. Sales Workers	7	3	10	-	-	-
5. Service Workers	202	101	303	372	50	422
6. Production and Related Workers Transport Equipment Operators and Labourers	657	-	657	1188	187	1375
7. Others	528	-	528	-	-	-
<b>TOTAL</b>	<b>2072</b>	<b>401</b>	<b>2473</b>	<b>2183</b>	<b>418</b>	<b>2601</b>

\* Year Ending July 7.

Source:- Marine Transport Authority.

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

ADMINISTRATIVE REGION	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
Addis Ababa	149	56	205	144	57	201
Arssi	-	-	-	-	-	-
Bale	-	-	-	-	-	-
Eritrea	407	135	542	445	132	577
Gamo Gofa	21	6	27	28	6	34
Gojjam	29	11	40	31	8	39
Gondar	61	11	72	61	12	73
Hararge	-	-	-	-	-	-
Illubabor	10	1	11	13	1	14
Keffa	-	-	-	-	-	-
Shewa	-	-	-	-	-	-
Sidamo	-	-	-	-	-	-
Tigrai	-	-	-	-	-	-
Wellega	-	-	-	-	-	-
Wello	-	-	-	-	-	-
Assab Admin.	1395	181	1576	1461	202	1663
<b>TOTAL</b>	<b>2072</b>	<b>401</b>	<b>2473</b>	<b>2183</b>	<b>418</b>	<b>2601</b>

\* Year Ending July 7

Source:- Marine Transport Authority

TABLE H3 NUMBER OF EMPLOYEES OF MARINE TRANSPORT AUTHORITY BY SALARY GROUP AND SEX\*

SALARY GROUP	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
50-149	23	35	58	27	24	51
150-249	160	30	190	328	58	386
250-349	495	139	634	452	151	603
350-449	462	111	573	438	100	538
450-549	381	40	421	378	40	418
550-649	273	33	306	280	30	310
650-749	91	8	99	99	7	106
750-849	80	2	82	85	4	89
850-949	22	1	23	16	1	17
950-1049	16	2	18	20	3	23
1050-1149	25	-	25	23	-	23
1150-1249	16	-	16	12	-	12
1250-1349	22	-	22	21	-	21
1350 & Above	6	-	6	4	-	4
TOTAL	2072	401	2473	2183	418	2601

\* Year Ending July 7

Source:- Marine Transport Authority

TABLE H<sub>4</sub> :- OPERATIONS AT THE PORT OF ASSAB

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
1984/85	105	456	561	2,493,625	4,088,524	527,096	2,036,057	2,563,153	273	69	342
1985/86	126	472	598	2,765,307	4,568,377	531,021	2,338,823	2,869,844	11	11	22
1986/87	131	431	562	2,441,256	4,187,699	600,042	2,219,741	2,819,783	-	-	-
1987/88	154	440	594	2,456,194	4,343,276	574,402	2,176,342	2,750,744	-	-	-
1988/89	187	392	579	2,283,542	4,028,456	612,143	2,186,261	2,798,404	-	-	-

\* Year Ending July 7

Source:- Marine Transport Authority

TABLES H<sub>5</sub>

## OPERATIONS AT THE PORT OF MSSAWA

YEAR	Number of ships entering and leaving ports by flag of registration			Registered Tonnage		Cargo(mt.Tons)			Passangers Carried ( NUMBER)		
	Ethiopia's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
1984/85	88	145	233	827,771	1,320,045	41,800	550,637	592,437	344	159	503
1985/86	101	128	229	1,065,086	1,669,248	47,556	546,421	593,977	162	104	266
1986/87	99	110	209	786,681	1,263,717	39,083	430,744	469,827	264	128	392
1987/88	113	144	257	879,498	1,457,199	53,534	686,899	740,433	-	-	-
1988/89	137	105	242	581,213	1,005,927	44,476	458,850	503,326	-	-	-

\* Year Ending July 7

Source:- Marine Transport Authority.

TABLE H6:- EXPORT - IMPORT VIA ASSAB

C O M M O D I T Y	1986				1987			
	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	82067.0	725489.0	560934.9	306203.1	84690.8	434516.9	333626.0	158663.1
BEVERAGES AND TOBACCO	33.0	46.0	129.2	3013.7	31.9	32.3	575.9	7041.7
CRUDE MATERIALS INEDIBLE EXCEPT FUELS	21221.0	112289.0	8674.1	18189.6	27567.7	143384.6	8665.6	25939.7
MINERAL FUELS LUBRICANTS AND RELATED MATERIALS	161309.0	23340.0	764624.2	200956.1	242946.9	44037.5	792464.0	219350.1
ANIMAL AND VEGETABLE OILS AND FATS	134.0	939.0	24174.3	43502.7	207.1	1399.2	11741.2	13413.8
CHEMICALS ELEMENTS AND COMPOUNDS	-	-	128411.7	162856.1	16.1	93.3	172333.5	175929.6
MANUFACTURED GOODS CLASSIFIED BY MATERIAL	16.0	196.0	63486.8	198536.9	50.3	249.1	65435.2	171189.1
MACHINERY AND TRANSPORT EQUIPMENT	-	-	56358.9	501358.7	-	-	51558.5	529358.9
MISCELLANEOUS MANUFACTURED ARTICLES	-	-	6992.4	36298.8	21.1	434.4	5833.1	38903.3
COMMODITIES N.E.S.	-	-	3.7	25.8	-	-	7.0	197.5
<b>TOTAL</b>	<b>264780.0</b>	<b>862299.0</b>	<b>1613790.2</b>	<b>1470941.5</b>	<b>355531.9</b>	<b>624147.3</b>	<b>1442240.0</b>	<b>1339966.8</b>

TABLE H6 (CONT'D)

COMMODITY	1988				1989			
	EXPORT		IMPORT		EXPORT		IMPORT	
	Quantity In Tons	Value In '000 Birr	Quantity In Tons	Value In '000 Birr	Quantity In Tons	Value In '000 Birr	Quantity In Tons	Value In '000 Birr
Food And Live Animals	110,787.3	604,344.6	447,226.3	249,119.4	115,223.9	630,946.8	184,667.4	124,097.7
Beverage and Tobacco	105.5	121.4	1,193.5	9,764.8	348.0	807.4	11.5	32.9
Crude Materials Ined- ible Except Fuels	21,098.9	142,019.9	10,588.7	21,729.6	19,034.2	141,804.0	11,893.7	25,705.7
Mineral Fuels Lubric- ants and Related Materials	207,700.4	26,292.0	783,414.0	210,501.6	216,331.7	37,359.0	776,350.7	210,851.5
Animal and Vegetable Oils	5,723.9	3,390.0	24,648.2	40,407.3	1,855.7	1,685.0	5,589.9	13,392.9
Chemical Elements and Compounds	14.7	54.0	72,350.9	125,951.9	-	-	251,836.1	256,483.1
Manufactured Goods Classified by Material	187.1	1,207.3	55,581.7	163,741.3	789.2	10,365.0	71,498.8	184,369.5
Machinery and Transport Equipment	-	-	42,453.6	519,226.2	-	-	30,912.7	414,623.3
Miscellaneous Manufa- ctured Articles	87.4	1,414.5	4,939.6	32,845.7	72.5	1,011.7	4,261.8	36,193.2
Commodities N.E.S.	-	-	-	-	-	-	14.8	173.3
TOTAL	345,705.2	778,843.7	1,442,396.5	1,373,287.8	353,664.2	823,978.9	1,337,037.4	1,265,923.1

SOURCE:- CUSTOMS AND EXCISE TAX ADMINISTRATION.

TABLE H7: EXPORT-IMPORT VIA MASSAWA

COMMODITY	1986				1987			
	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	3194.0	897.0	224,948.7	148,471.5	1,150.9	2588.1	69,816.2	38,111.4
Beverages and Tobacco	2.0	21.0	28.5	100.9	-	-	105.8	1,501.9
Crude materials inedible except Fuels	41129.0	6305.0	4158.7	3719.4	10092.8	6842.1	471.3	1211.0
Mineral Fuels, Lubricants and Related materials	-	-	4258.2	8578.5	-	-	3107.4	5532.2
Animal and vegetable oils and Fats	825.0	239.0	9851.2	13552.4	2.5	16.9	2407.3	2914.9
Chemical elements and Compounds	-	-	11012.9	15949.3	-	-	5698.3	10219.2
Manufactured goods, classified by Material	-	-	7583.8	19466.9	-	-	9664.4	21642.6
Machinery and Transport Equip.	-	-	6540.8	23920.2	-	-	1412.3	23123.7
Miscellaneous manufactured articles	-	-	741.5	1599.4	-	-	204.2	3597.4
Commodities N.E.S	-	-	-	-	-	-	-	0.1
TOTAL	45150.0	7462.0	268629.3	235358.5	11246.2	9447.1	92887.2	107854.4

TABLE H7 (CONT'D)

COMMODITY	1988				1989			
	EXPORT		IMPORT		EXPORT		IMPORT	
	Quantity in Tons	Value in '000 Birr	Quantity in Tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr
Food and live Animals	3300.0	985.4	75812.7	40711.1	1650.0	500.7	17269.1	24090.2
Beverages and Tobacco	-	-	-	-	-	-	10.7	128.1
Crude materials in Edible, Except Fuels	20190.0	5999.9	614.2	2769.1	10238.7	10171.5	1546.6	6398.1
Mineral Fuels Lubricants and Related Materials	-	-	322.8	6447.1	-	-	2781.5	4982.1
Animal and Vegetable Oils	-	-	611.0	1319.9	-	-	3702.1	10584.1
Chemical Elements and Compounds	-	-	7068.8	13379.4	-	-	8210.4	18631.5
Manufactured Goods Classified by material	24.1	43.9	8087.8	20718.6	427.9	2056.0	10153.6	25385.1
Machinery and Transport Equipment	-	-	1719.1	25704.1	-	-	1185.2	16103.9
Miscellaneous Manufactured Articles	-	-	236.4	2031.7	-	-	285.8	2247.1
Commodities	-	-	-	-	-	-	-	-
TOTAL	23514.1	7029.2	97412.8	113081.0	12316.6	12728.2	45145.0	108550.2

Source:- Customs and Excise Tax Administration.

**TABLE H8:- ACTIVITIES OF IN LAND WATER WAYS \***

Name ( Lake or Rivers)	1985/86			1986/87		
	No. of Boats	Passengers Carried (Number)	Freight Carried (Tons)	No of Boats	Passengers Carried (Number)	Freight Carried (Tons)
Lake Tana	8	79,990	1,708	8	96,153	2007
Baro and Akobo (Rivers)	2	2,310	371	2	8,400	42
Abaya and Chamo(Lakes)	2	8,926	72	2	-	-
<b>TOTAL</b>	<b>12</b>	<b>91,226</b>	<b>2,151</b>	<b>12</b>	<b>104,553</b>	<b>2049</b>

**TABLE H8 (CONT'D)**

Name ( LAKE OR RIVER)	1987/88			1988/89		
	No, of Boats	Passengers Carried Number	Freight Carried (Tons)	No of Boats	Passengers Carried (Number)	Freight Carried (Tons)
Lake Tana	8	118,278	2,300	10	132,096	3,290
Baro and Akobo(Rivers)	2	94	64	-	-	-
Abaya and Chamo(Lakes)	2	12,746	77	3	2,555	3.4
<b>TOTAL</b>	<b>12</b>	<b>131,118</b>	<b>2,441</b>	<b>13</b>	<b>134,651</b>	<b>3293.4</b>

\* Year Ending July 7

Source:- Marine Transport Authority.

**TABLE 19:- NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION  
BY OCCUPATION AND SEX\***

OCCUPATION GROUP	1987/88			1988/89		
	Male	Female	Total	Male	Female	Total
1. Administrative and Managerial Personnel	22	3	25	21	4	25
2. Professional, Technical and Related Personnel	140	3	143	104	5	109
3. Clerical and Related Personnel	25	27	52	22	24	46
4. Sales Workers	7	1	8	7	1	8
5. Service Workers	78	8	86	68	8	76
6. Production and Related Workers Transport Equipment Operators and labourers	198	-	198	188	-	188
7. Others	-	-	-	-	-	-
<b>TOTAL</b>	<b>470</b>	<b>42</b>	<b>512</b>	<b>410</b>	<b>42</b>	<b>452</b>

\* 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	NUMBER OF EMPLOYEES								
	1986/87			1987/88			1988/89		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50-149	1	3	4	1	3	4	4	3	7
150-249	30	4	34	19	5	24	31	4	35
250-349	36	2	38	65	-	65	44	-	44
350-449	116	9	125	121	11	132	121	11	132
450-549	59	7	66	51	7	58	48	5	53
550-649	47	3	50	37	1	38	27	4	31
650-749	44	8	52	52	11	63	57	9	66
750-849	10	-	10	10	-	10	7	-	7
850-949	33	2	35	35	1	36	36	3	39
950-1049	-	1	1	-	1	1	1	-	1
1050-1149	3	-	3	2	-	2	1	-	1
1150-1249	2	-	2	4	-	4	8	1	9
1250-1349	1	2	3	1	2	3	1	2	3
1350&above	78	-	78	72	-	72	24	-	24
TOTAL	460	41	501	470	42	512	410	42	452

\* Year Ending July 7

Source:- Ethiopian Shipping lines Corporation.

**TABLE H 11 VESSELS IN USE BY NUMBER AND NET AND GROSS REGISTERED TONNAGE**

Year	N. of Ships**	Registered Tonnage		Dead Weight
		Gross	Net	
1984/85	11	54,921	34,653	89,267
1985/86	12	63,522	34,042	89,264
1986/87	12	65,121	34,877	92,872
1987/88	12	65,121	34,877	92,818
1988/89	12	67,111	35,401	93,522

\* 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 Costal Area			Grand Total (Tons )
		Loaded	Unloaded	Total	Dry Cargo	Fuel	Total	
1984/85	11	74,418	203,738	278,156	81,498	143,029	224,527	502,683
1985/86	12	68,763	211,909	280,672	80,119	149,868	229,987	510,659
1986/87	12	54,368	227,088	281,456	95,122	165,627	260,749	542,205
1987/88	12	53,671	324,757	378,428	97,660	190,715	288,375	666,803
1988/89	12	81,105	248,308	329,413	83,195	215,498	298,693	628,206

\* Year Ending July 7

\*\* Excluding chartered ships

Note:- In the transshipment of Cargo a number of time Chartered vessels (as for instance 11 and 7 in 1984/86 and 1985/86 respectively) were used.

Source:- Ethiopian shipping lines Corporation

**TABLE H13 FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES CORPORATION**

IN' 000 BIRR

YEARS*	REVENUE BY SOURCE	EXPENDITURE BY PURPOSE
	CARGO LIFTING	OPERATING AND OVERHEAD COSTS
1984/85	96,397	85,478
1985/86	99,997	102,532
1986/87	105,944	104,965
1987/88	144,047	140,090
1988/89	153,099	148,313

\* YEAR ENDING JULY 7

SOURCE:- ETHIOPIAN SHIPPING LINES CORPORATION

## Aviation Statistics

Air transport is the fastest of all modes of transport that covers great distances in relatively short time. 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 the role of air transport is of vital importance. 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 Authority and Ethiopian Air Lines are presented.

In 1988/89 the Civil Aviation Authority had a staff of 998. The Authority administered 22 domestic and 3 international airports (Bole in Addis, Yohannes IV in Asmara and Yilma Aba Tena in Dire Dawa) which operate regularly.

In 1988/89 ten types of aircraft belonging to 11 foreign airlines landed at Bole bringing the frequency to 48 per month - a 7.7 percent decrease as compared to 52 in the previous year. Birr 8.6 million in service charge was collected by the Civil Aviation Authority from the airlines.

The number of aircraft landings and take-offs at Bole increased from 4619 in 1987/88 to 5066 in 1988/89. Similarly passengers arriving and departing have increased in number from 224,946 to 255,384 for the same period showing a 13.5 percent rise. The cargo handled at Bole has

decreased from 48482 tons in 1987/88 to 47485 tons in 1988/89 registering a drop of 2.1 percent. Similarly the mail traffic dropped from 997 tons in 1987/88 to 991 tons in 1988/89- by 0.6 percent.

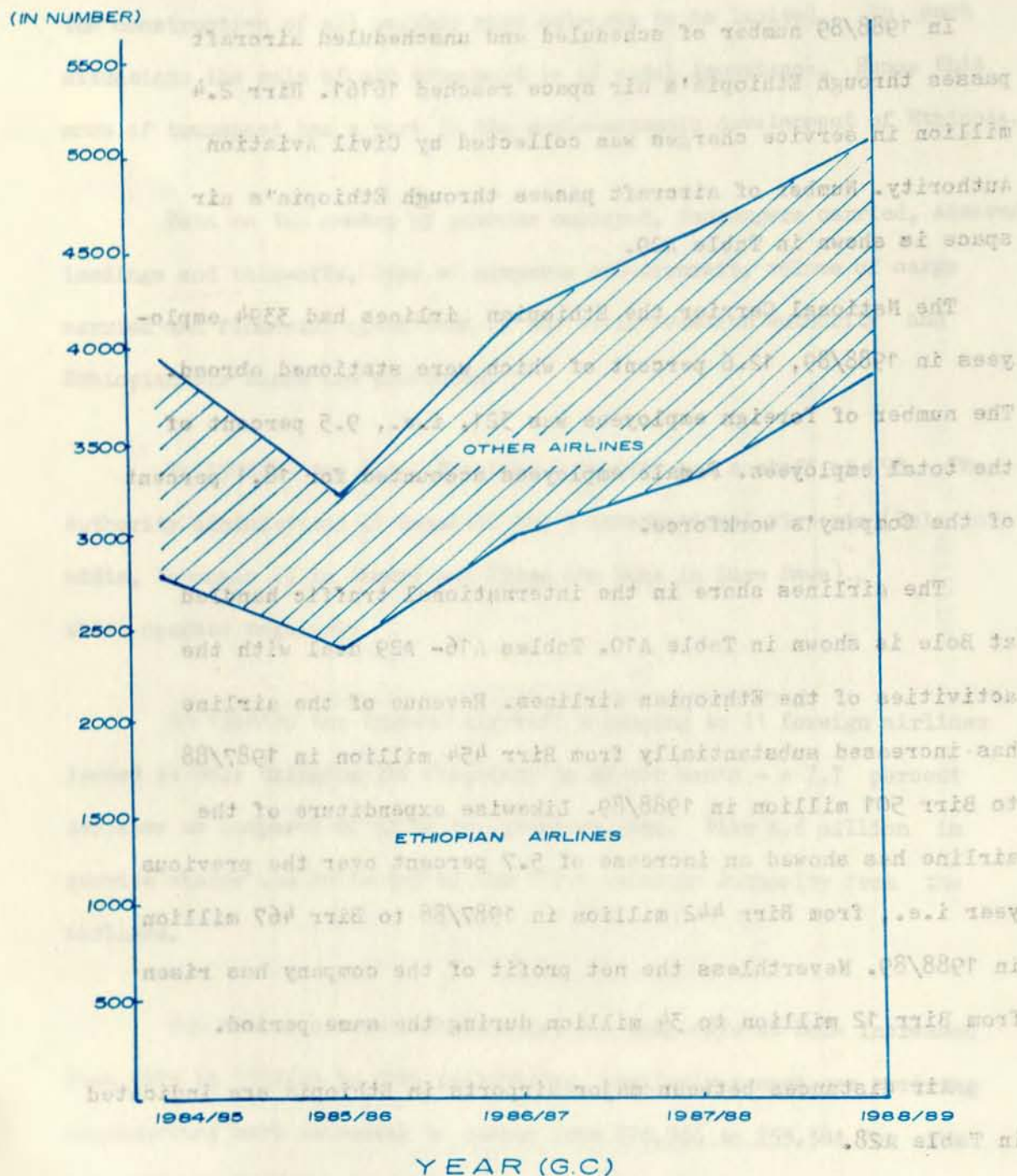
In 1988/89 number of scheduled and unscheduled aircraft passes through Ethiopia's air space reached 16161. Birr 2.4 million in service charges was collected by Civil Aviation Authority. Number of aircraft passes through Ethiopia's air space is shown in Table A29.

The National Carrier the Ethiopian Airlines had 3394 employees in 1988/89, 12.6 percent of which were stationed abroad. The number of foreign employees was 321, i.e., 9.5 percent of the total employees. Female employees accounted for 18.1 percent of the Company's workforce.

The airlines share in the international traffic handled at Bole is shown in Table A10. Tables A16- A29 deal with the activities of the Ethiopian Airlines. Revenue of the airline has increased substantially from Birr 454 million in 1987/88 to Birr 501 million in 1988/89. Likewise expenditure of the airline has showed an increase of 5.7 percent over the previous year i.e., from Birr 442 million in 1987/88 to Birr 467 million in 1988/89. Nevertheless the net profit of the company has risen from Birr 12 million to 34 million during the same period.

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

**Fig.12:- TRAFFIC AT BOLE (ADDIS ABABA)INTERNATIONAL AIRPORT INTERNATIONAL AIRCRAFT MOVEMENT**



# DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) AND YOHANNES IV (ASMARA) INTERNATIONAL AIRPORTS

Fig. 13 DOMESTIC PASSENGERS

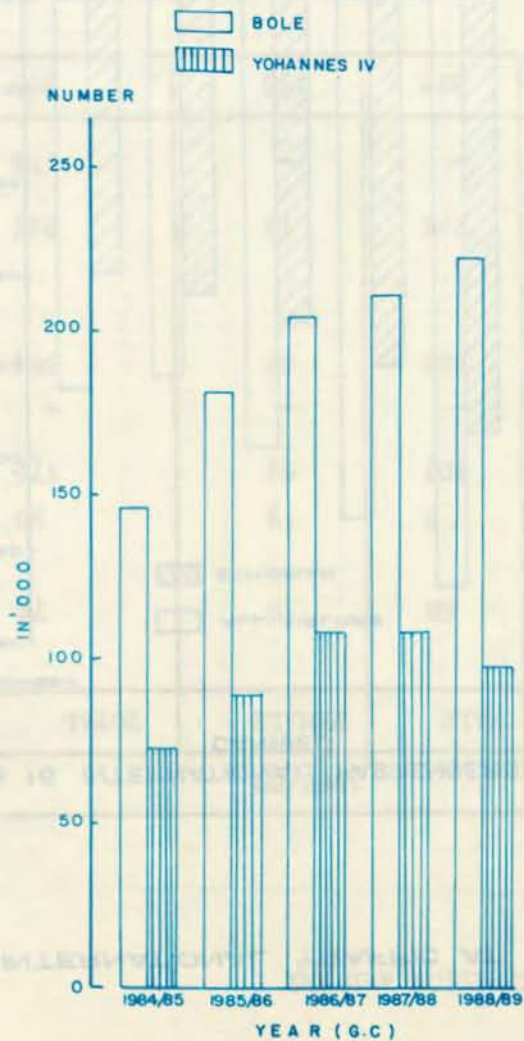


Fig. 14 DOMESTIC FREIGHT

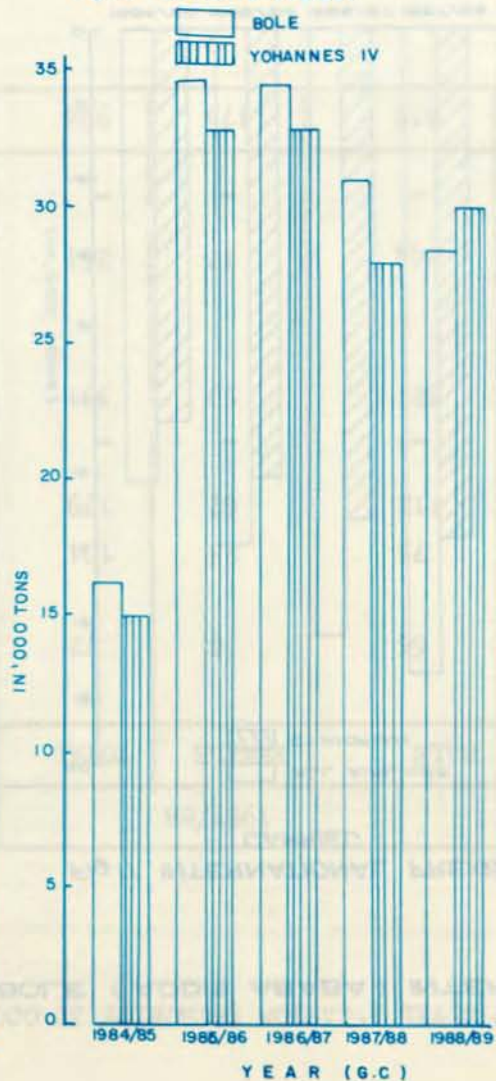
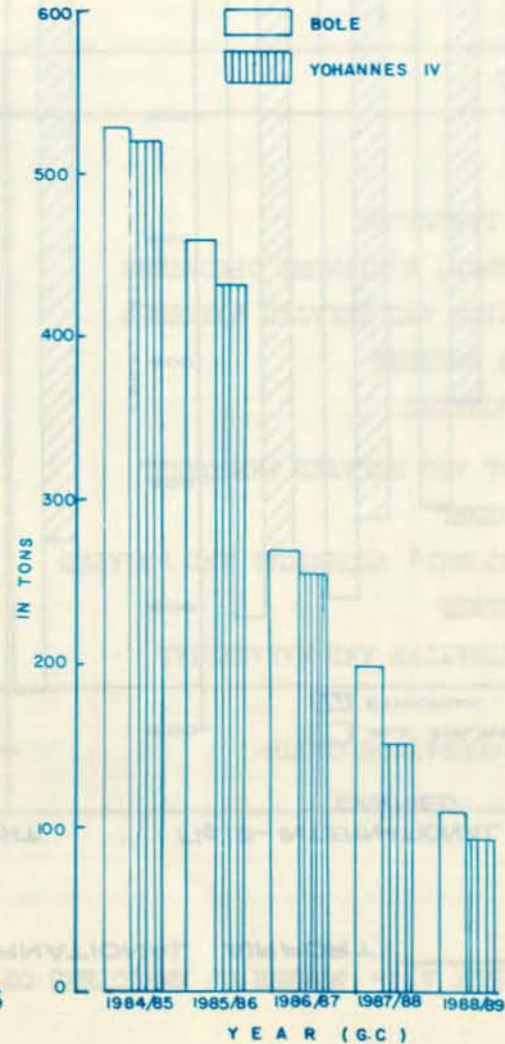


Fig. 15 DOMESTIC MAIL



# INTERNATIONAL TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT

Fig. 16 INTERNATIONAL PASSENGERS CARRIED

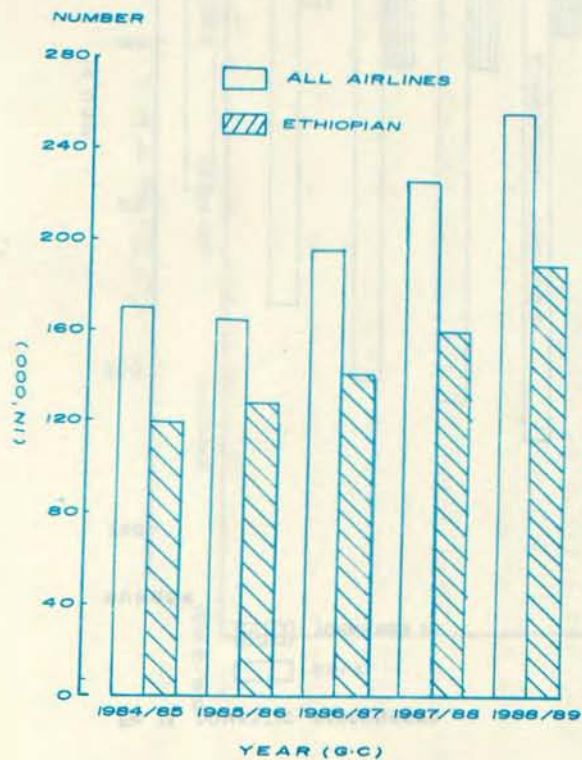


Fig.17 INTERNATIONAL FREIGHT CARRIED

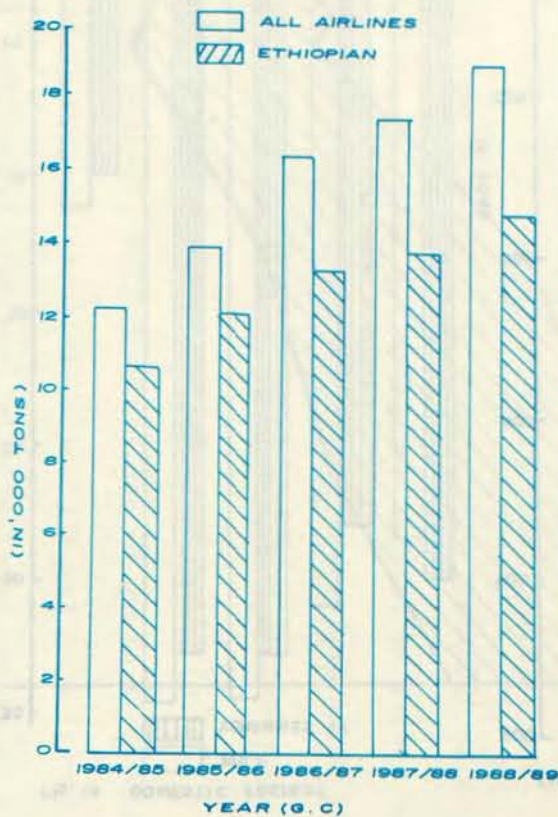


Fig.18- INTERNATIONAL MAIL CARRIED

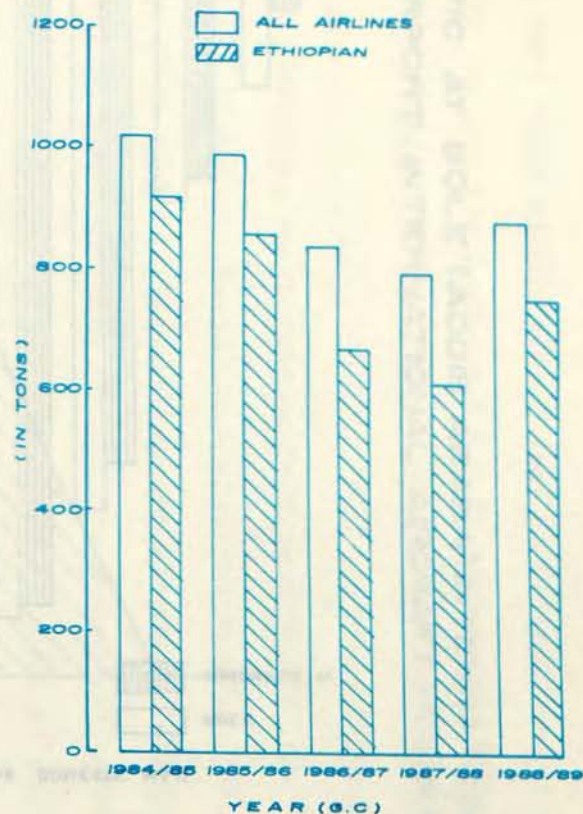


TABLE A1:- NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY OCCUPATION AND SEX \*

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	66	6	72	68	6	74
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL.	75	26	101	79	19	98
3. CLERICAL AND RELATED PERSONNEL	112	67	179	107	69	176
4. SALES WORKERS	-	-	-	-	-	-
5. SERVICE WORKERS	322	59	381	322	62	384
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABOURERS	244	17	261	228	19	247
7. OTHERS	-	-	-	-	-	-19
TOTAL	819	175	994	823	175	998

\* 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	Y E A R *														
	1984/85			1985/86			1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADDIS ABABA	458	128	586	483	128	611	485	134	619	540	137	677	487	139	626
ASMARA	135	15	150	151	17	168	152	18	170	140	18	158	155	17	172
ASSAB	10	1	11	13	1	14	14	2	16	10	3	13	17	2	19
AWASSA	-	-	-	1	...	1	1	-	1	1	-	1	-	-	-
AWASH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAHAR DAR	-	-	-	...	...	...	4	-	4	3	1	4	30	1	31
COMBOLCHA	-	-	-	...	...	...	-	-	-	-	-	-	-	-	-
DEBRE MARKOS	-	-	-	...	...	...	-	-	-	-	-	-	-	-	-
DIRE DAWA	60	7	67	85	9	94	102	9	111	95	10	105	101	10	111
GAMBELA	-	-	-	-	-	-	-	-	-	-	-	-	3	-	3
GOBA	-	-	-	3	...	3	3	-	3	3	-	3	3	-	3
GONDAR	1	-	1	1	...	1	1	-	1	7	3	10	4	3	7
GORE	-	-	-	...	...	...	-	-	-	-	-	-	-	-	-
JIMMA	22	3	25	22	3	25	22	4	26	20	3	23	23	3	26
NEKEMTE	-	-	-	...	...	...	-	-	-	-	-	-	-	-	-
MASAWA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEKELE	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
TOTAL	686	154	840	760	158	918	784	167	951	819	175	994	823	475	998

\* YEAR ENDING JULY 7.

SOURCE:- CIVIL AVIATION AUTHORITY.

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

SALARY GROUP	NUMBER OF EMPLOYEES														
	1984/85			1985/86			1986/87			1987/88			1988/89 **		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	39	14	53	31	13	44	34	13	47	50	18	68	47	18	65
150-249	161	56	217	184	61	245	203	63	266	113	32	145	133	43	176
250-349	132	35	167	126	32	158	135	39	174	188	51	239	192	55	247
350-449	142	17	159	134	15	149	132	15	147	122	23	145	141	21	162
450-549	73	25	98	121	24	145	120	24	144	134	25	159	104	15	119
550-649	56	3	59	66	6	72	63	6	69	64	19	83	67	16	83
650-749	51	4	55	54	7	61	61	7	68	52	1	53	46	1	47
750-849	11	-	11	16	-	16	17	-	17	43	5	48	44	5	49
850-949	9	-	9	15	-	15	15	-	15	17	1	18	14	1	15
950-1049	9	-	9	9	-	9	8	-	8	22	-	22	18	-	18
1050-1149	1	-	1	1	-	1	1	-	1	-	-	-	2	-	2
1150-1249	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
1250-1349	1	-	1	2	-	2	3	-	3	13	-	13	11	-	11
1350 & Above	1	-	1	1	-	1	1	-	1	1	-	1	1	-	1
TOTAL	686	154	840	760	158	918	784	167	951	819	175	994	820	175	995

\* YEAR ENDING JULY 7.

\*\* THREE EMPLOYEES ARE NOT PAID BY CIVIL AVIATION AUTHORITY.

SOURCE:- CIVIL AVIATION AUTHORITY.

TABLE 4: CAPITAL EXPENDITURE BY TYPE AND LOCATION

( IN'000 BIRR)

YEAR *	LOCATION	T Y P E			
		N E W	MAINTENANCE	EXPANSION	TOTAL
1984/85	ADDIS ABABA	582	2,000	54	2,636
	ASMARA	-	-	-	-
	DIRE DAWA	349	-	-	349
	OTHERS	102	-	-	102
	TOTAL	1,033	2,000	54	3,087
1985/86	ADDIS ABABA	616	11,100	67	11,783
	ASMARA	-	...	-	-
	DIRE DAWA	-	...	-	-
	OTHERS	1,981	...	-	1,981
	TOTAL	2,597	11,100	67	13,764
1986/87	ADDIS ABABA	1,574	10,180	2	11,756
	ASMARA	284	-	-	284
	DIRE DAWA	26	5,000	-	5,026
	OTHERS	23,671	-	-	23,671
	TOTAL	25,555	15,180	2	40,737
1987/88	ADDIS ABABA	2,834	2,379	79	5,287
	ASMARA	73	-	-	73
	DIRE DAWA	28	5,393	78	5,499
	OTHERS	2,644	734	-	3,378
	TOTAL	5,579	8,506	152	14,237
1988/89	ADDIS ABABA	2,125	65	94	2,284
	ASMARA	320	322	152	794
	DIRE DAWA	96	2,638	-	2,734
	OTHERS	640	599	-	1,239
	TOTAL	3,181	3,624	246	7,051

\* YEAR ENDING JULY 7.

NOTE:- MOST OF THE MAINTENANCE WORK IN 1984/85, WAS DONE BY CURRENT EXPENDITURE, AND THIS IS NOT INCLUDED HERE.

SOURCE:- CIVIL AVIATION AUTHORITY.

**TABLE A5:- SCHEDULED INTERNATIONAL AIR SERVICES OPERATED TO BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT BY TYPE OF AIRLINES, AIRCRAFT AND SERVICE CHARGE\***

SR. NO.	AIRLINES	1987/88			1988/89		
		AIR CRAFT		SERVICE CHARGE IN BIRR	AIR CRAFT		SERVICE CHARGE IN BIRR
		T Y P E	FREQUENCY PER MONTH		T Y P E	FREQUENCY PER MONTH	
01	AIR DJIBOUTI	DC - 9	8	...	B-737, DC-9	8	168,594.80
02	AEROFLOT	IL - 62	4	...	IL-62	4	104,972.95
03	ALITALIA	A - 300	8	...	A - 300	8	201,610.40
04	ALYEMDA	B - 737	4	...	B-737, B-727, B-707, DHC-7	4	41,742.50
05	CHINA	B - 707	4	...	B-707	4	92,250.75
06	ETHIOPIAN AIRLINES	B-767, B-707C, B-727, B-720, B-737	-	...	B-720, B-767, B-707C, B-727, B-737	-	7,497,589.45
07	INTERFLUG**	IL-62	4	...	IL-62	4	16,804.40
08	KENYA AIR WAYS	B-707, B-720, DC-9	8	...	B-707, B-720, DC-9	8	85,145.15
09	LUFTHANSA	A- 300, DC - 8	4	...	A-300, DC - 8	4	287,491.45
10	YEMEN AIR WAYS	B-727	4	...	B-727	4	57,556.80
11	SUDAN AIR WAYS	B - 707, B-737	4	...	B-707, B- 737	-	1,374.00
	TOTAL		52	...		48	8,555,132.65

C - FREIGHT ONLY

\* YEAR ENDING JULY 7.

\*\* OPERATED ONLY FOR THE MONTH OF JULY AND AUGUST.

SOURCE:- CIVIL AVIATION AUTHORITY.

TABLE A6:-LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE, 1987/88\* (1980 E.C)

SR. No.	AIRPORT	ADMINISTRATIVE	
		REGION	TYPE
01	ADDIS ABABA	SHWA	INTERNATIONAL
02	ASMARA	ERITREA	"
03	DIRE DAWA	HARARGHE	"
04	ASSAB	ASSAB	DOMESTIC
05	ASSOSA	WELLEGA	"
06	AXUM	TIGRAY	"
07	BAHAR DAR	GOJJAM	"
08	BEICA	WELLEGA	"
09	DEMBI DOLLO	WELLEGA	"
10	DESSIE	WOLLO	"
11	GAMBELLA	ILLUBABOR	"
12	GOBA	GONDER	"
13	GODE	HARARGHE	"
14	GONDER	GONDER	"
15	HUMERA	GONDER	"
16	JIMMA	KEFFA	"
17	MAJI	KEFFA	"
18	MEKELE	TIGRAY	"
19	MEKANE SELAM	WOLLO	"
20	MASSAWA	ERITREA	"
21	METEMA	GONDER	"
22	SHIRE	TIGRAY	"
23	KEBRI DAHAR	HARARGHE	"
24	KELAFO	HARARGHE	"
25	WAKA	KEFFA	"

\* YEAR ENDING JULY 7

TABLE A 6:-(CONT'D) LIST OF AIR PORTS IN ETHIOPIA BY REGION AND TYPE

1988/89 \* (1981 E.C.)

SR. No.	AIR PORT	ADMINISTRATIVE REGION	TYPE
01	ADDIS ABABA	SHEWA	INTERNATIONAL
02	ASMARA	ERITREA	"
03	DIREDAWA	HARARGHE	"
04	ASSAB	ASSAB	DOMESTIC
05	ASSOSA	WELLEGA	"
06	AXUM	TIGRAY	"
07	BAHIRDAR	GOJJAM	"
08	BEICA	WELLEGA	"
09	DEMBI DOLLO	WELLEGA	"
10	DESSIE	WOLLO	"
11	GAMBELLA	ILLUBABOR	"
12	GOBA	BALE	"
13	GORE	ILLUBABOR	"
14	GONDER	GONDER	"
15	HUMERA	GONDER	"
16	JIMMA	KEFFA	"
17	MAJI	KEFFA	"
18	MEKELE	TIGRAY	"
19	MEKANE SELAM	WOLLO	"
20	MASSAWA	ERITREA	"
21	METEMA	GONDER	"
22	SHIRE	TIGRAY	"
23	KEBRI DAHER	HARARGHE	"
24	KELAFO	HARARGHE	"
25	WAKA	KEFFA	"

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,  
1987/88\*

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)	2345	2274	4619	260	225	485	247	231	478	2852	2730	5582
YILMA ABA TENA DEJ. (DIRE DAWA)	261	249	510	210	210	420	10	7	17	481	466	947
YOHANNES IV(ASMARA)	157	197	354	38	52	90	49	44	93	244	293	537
TOTAL	2763	2720	5483	508	487	995	306	282	588	3577	3489	7066

TABLE A7 :- (CONT'D), 1988/89 \*

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

\* YEAR ENDING JULY 7

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

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

SOURCE:- CIVIL AVIATION AUTHORITY.

TABLE A8:- BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC

SCHEDULED.

YEAR *	AIR CRAFT MOVEMENT	PASSENGERS			FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1984/85	3479	76,167	70,455	146,622	7,438	8,687	16,125	168	360	528
1985/86	3194	94,339	87,297	181,636	13,941	20,718	34,659	150	309	459
1986/87	3678	106,679	98,740	205,419	12,782	21,738	34,520	62	208	270
1987/88	3805	109,561	102,396	211,957	11,812	19,160	30,972	47	153	200
1988/89	6423	113,878	109,163	223,041	11,068	17,346	28,414	29	81	110

TABLE A9:- BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC

SCHEDULED.

YEAR *	AIR CRAFT MOVEMENT	PASSENGERS				FREIGHT(TONS)			MAIL(TONS)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1984/85	3987	82,193	86,519	...	168712	8,590	3,808	12,398	649	369	1,018
1985/86	3217	80,334	83,212	...	163546	9,230	4,788	14,018	678	309	987
1986/87	4157	94,735	100,556	...	195291	10,774	5,727	16,501	589	248	837
1987/88	4619	109,933	115,013	...	224946	10,927	6,583	17,510	573	224	797
1988/89	5066	124,870	130,514	...	255384	12,055	7,016	19,071	636	245	881

\* YEAR ENDING JULY 7.

TABLE 10:-BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT 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
1984/85	2805	58540	60816	119356	7454	3235	10689	539	363	902
1985/86	2405	62091	64180	126271	7908	4809	12217	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

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
1984/85	1182	23653	25703	49356	1135	572	1707	110	6	116
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

\* YEAR ENDING JULY 7

SOURCE:- CIVIL AVIATION AUTHORITY.

TABLE A11:- YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT  
DOMESTIC TRAFFIC SCHEDULED.

YEAR *	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1984/85	1985	35410	37874	73284	8488	6531	15019	351	169	520
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	19298	10680	29978	69	24	93

TABLE A12:- YOHANNES IV (ASMARA), INTERNATIONAL AIRPORT  
INTERNATIONAL TRAFFIC SCHEDULED.

YEAR *	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (TONS)			MAIL (TONS)		
		IN	OUT	TRA- NSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1984/85	153	3046	2931	...	5977	76	15	91	5	1	6
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

\* YEAR ENDING JULY 7.

SOURCE :- CIVIL AVIATION AUTHORITY.

TABLE A13 :- ASSAB 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

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
1984/85	26771	31532	58303	178	942	1120	2	-	2
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

\* YEAR ENDING JULY 7.

SOURCE:- CIVILAVIATION AUTHORITY.

SOURCE:- ETHIOPIAN AIRLINES

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
1984/85	800	2802	2602	87	1370	1457	-	-	-
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	-	-	-

\* YEAR ENDING JULY 7.

SOURCE:- CIVIL AVIATION AUTHORITY.

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

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	193	8	201	195	6	201
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	214	36	250	185	35	220
3. CLERICAL AND RELATED PERSONNEL	570	156	726	568	155	723
4. SALES WORKERS	257	88	345	258	88	346
5. SERVICE WORKERS	317	222	539	315	195	510
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIPMENT OPERATORS AND LABOURERS	1,285	106	1,391	1,289	105	1,394
7. OTHERS	-	-	-	-	-	-
TOTAL	2,836	616	3,452	2,810	584	3,394

\* YEAR ENDING JULY 7.

SOURCE:- ETHIOPIAN AIRLINES.

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

ADMINISTRATIVE REGION	1984/85			1985/86			1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ARSSI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALE	8	-	8	7	-	7	10	-	10	9	-	9	9	-	9
ERITREA	89	11	100	66	11	77	93	11	104	79	11	90	74	11	85
GAMOGOFA	3	-	3	3	-	3	3	-	3	3	-	3	3	-	3
GOJJAM	7	-	7	6	-	6	9	-	9	10	-	10	9	-	9
GONDER	17	-	17	13	-	13	18	-	18	18	-	18	15	-	15
HARARGHE	35	1	36	39	2	41	45	3	48	44	3	47	45	3	48
ILLUBABOR	3	-	3	6	-	6	3	-	3	3	-	3	4	-	4
KEFFA	19	-	19	15	-	15	19	-	19	17	-	17	17	-	17
SIDAMO	1	-	1	1	-	1	1	-	1	1	-	1	1	-	1
SHEWA	2124	489	2613	2275	498	2773	2345	487	2832	2309	486	2795	2270	467	2737
TIGRAY	13	-	13	11	-	11	16	-	16	14	-	14	12	-	12
WEILEGA	8	-	8	7	-	7	8	-	8	8	-	8	6	-	6
WOLLO	17	-	17	16	-	16	9	-	9	14	-	14	14	-	14
ASSAB ADMINISTRATIVE REGION	-	-	-	7	-	7	6	-	6	6	-	6	6	-	6
GRAND TOTAL	2344	501	2845	2472	511	2983	2585	501	3086	2535	500	3035	2485	481	2966

\* YEAR ENDING JULY 7.

SOURCE:- ETHIOPIAN AIRLINES.

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

YEAR*	IN ETHIOPIA							ABROAD							GRAND TOTAL
	ETHIOPIANS			FOREIGNERS			TOTAL	ETHIOPIANS			FOREIGNER			TOTAL	
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		
1984/85	2344	501	2845	-	-	-	2845	82	10	92	211	86	297	389	3234
1985/86	2472	511	2983	-	-	-	2983	82	10	92	211	94	305	397	3380
1986/87	2582	501	3083	3	-	3	3086	95	14	109	203	92	295	404	3490
1987/88	2524	500	3024	11	-	11	3035	99	13	112	202	103	305	417	3452
1988/89	2460	497	2957	9	-	9	2966	92	15	107	217	104	321	428	3394

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

CONTINENT	YEAR*														
	1984/85			1985/86			1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
AFRICA **	2523	547	3070	2649	566	3215	2758	556	3314	2709	560	3269	2648	557	3205
(ETHIOPIA)	(2344)	(501)	(2845)	(2472)	(511)	(2983)	(2585)	(511)	(3086)	(2535)	(501)	(3035)	(2469)	(497)	(2966)
NORTH AND SOUTH AMERICA	3	6	9	2	5	7	3	9	12	3	9	12	5	9	14
ASIA AND MIDDLE EAST	37	10	47	39	12	51	46	13	59	45	13	58	47	13	60
EUROPE	74	34	108	75	32	107	76	29	105	79	34	113	78	37	115
GRAND TOTAL	2637	597	3234	2765	615	3380	2883	607	3490	2836	616	3452	2778	616	3394

\* 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	1987/88							1988/89						
	ETHIOPIANS			FOREIGNERS			GRAND TOTAL	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL		MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
50-149	41	5	46	5	-	5	51	21	3	24	5	-	5	29
150-249	184	15	199	24	10	34	233	150	9	159	15	8	23	182
250-349	188	13	201	17	1	18	219	165	12	177	20	5	25	202
350-449	237	38	275	26	6	32	307	210	40	250	29	6	35	285
450-549	198	59	257	12	8	20	277	183	50	233	10	5	15	248
550-649	294	136	430	5	2	7	437	230	115	345	5	3	8	353
650-749	656	152	808	5	3	8	816	833	180	1013	6	3	9	1022
750-849	186	37	223	18	6	24	247	160	35	195	15	4	19	214
850-949	110	18	128	4	5	9	137	112	20	132	7	4	11	143
950-1049	26	4	30	4	1	5	35	25	5	30	3	8	11	41
1050-1149	151	6	157	4	4	8	165	150	8	158	3	5	8	166
1150-1249	57	13	70	6	3	9	79	60	13	73	7	3	10	83
1250-1349	39	5	44	3	4	7	51	32	4	36	2	3	5	41
1350-1449	32	2	34	1	4	5	39	20	1	21	1	-	1	22
1450-1549	22	2	24	4	3	7	31	22	2	24	2	3	5	29
1550 & ABOVE	202	8	210	75	43	118	328	202	11	213	78	43	121	334
TOTAL	2623	513	3136	213	103	316	3452	2575	508	3083	208	103	311	3394

\* YEAR ENDING JULY 7.

SOURCE:- ETHIOPIAN AIRLINES.

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

C A T E G O R Y	T Y P E O F A I R C R A F T	1984/85			1985/86			1986/87			1987/88			1988/89		
		ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL	ON HAND	ON ORDER	TOTAL
4 ENGINES	DOUGLAS DC-6A/B	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
	DC-6B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	INTERNATIONAL B707-320C	1	1	2	2	-	2	2	-	2	2	-	2	3	-	3
	STRATOLINER 720-B	5	-	5	3	-	3	3	-	3	1	-	1	-	-	-
	TOTAL	7	1	8	5	-	5	5	-	5	3	-	3	3	-	3
TRI ENGINES	BOEING 727-200	3	-	3	3	-	3	3	-	3	-	-	-	4	-	4
2 ENGINES	BOEING 737-200	-	-	-	-	2	2	-	2	2	1	1	2	1	-	1
	BOEING 767-260	2	-	2	2	1	3	2	1	3	3	-	3	3	-	3
	DOUGLAS DC-3/C-47	10	-	10	9	-	9	9	-	9	8	-	8	4	-	4
	LIGHT AIRCRAFT	-	-	-	-	-	-	-	-	-	4	-	4	16	-	16
	ATR-42	-	-	-	-	2	2	-	2	2	2	-	2	2	-	2
	DASH-5	2	-	2	2	-	2	2	-	2	2	-	2	1	-	1
	DASH-6	5	-	5	6	-	6	6	-	6	6	-	6	5	-	5
	TOTAL	19	-	19	19	5	24	19	5	24	26	1	27	32	-	32
GRAND TOTAL	29	1	30	27	5	32	27	5	32	29	1	30	39	-	39	

\* YEAR ENDING JUNE 30.

SOURCE:- ETHIOPIAN AIRLINES.

TABLE A22:-DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR

AIRPORTS  
1984/85

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	2097	16166	14814	1074	15849	50,000
ASA	1797	-	943	4	-	28	2,772
ASM	18183	1287	-	32	-	9872	29,374
DIR	17062	3	48	-	-	506	17,619
JIM	1073	-	-	-	-	1743	2,816
OTHERS	15789	19	8906	626	1594	16519	43,453
TOTAL	53904	3406	26063	15476	2668	44517	146,034

TABLE A22 (CONT'D) , 1985/86

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	3742	29372	30963	1275	22204	87556
ASA	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	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	4,045	38,063	33,580	1,028	22,508	99,224
ASA	3,841	-	1,448	-	-	-	5,289
ASM	38,706	1,260	-	448	-	13,586	54,000
DIR	39,950	-	608	-	-	3,396	43,954
JIM	1,402	-	-	-	-	2,289	3,691
OTHERS	22,671	-	11,358	1,548	2,534	26,830	64,941
TOTAL	106,570	5,305	51,477	35,576	3,562	68,609	271,099

TABLE A22 (CONT'D) 1987/88

TO FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	4,348	38,148	31,410	1,518	26,972	102,396
ASA	4,291	-	967	-	-	107	5,365
ASM	39,785	954	-	398	-	14,452	55,589
DIR	36,181	-	464	-	-	2,251	38,896
JIM	1,897	-	-	-	-	2,736	4,633
OTHERS	27,387	104	13,075	1,857	2,691	17,742	62,856
TOTAL	109,541	5,406	52,654	33,665	4,209	64,260	269,735

TABEE A 22 (CONT'D) 1988/89\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	5,332	40,908	35,550	1,669	27,226	110,685
ASA	4,779	-	612	-	-	70	5,461
ASM	42,688	573	-	5	-	75,694	59,160
DIR	39,386	2	-	-	-	1,223	40,611
JIM	1,821	-	-	-	-	2,322	4,143
OTHERS	24,940	178	4,666	977	2,514	22,433	55,708
TOTAL	113,614	6,085	46,186	36,532	4,183	69,168	275,768

\* YEAR ENDING JUNE 30

N.B. ADD = ADDIS ABABA

ASA = ASSAB

ASM = ASMARA

DIR = DIREDAWA

JIM = JIMMA

SOURCE:- ETHIOPIAN AIRLINES

DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN/DESTINATION AND  
MAJOR AIRPORTS, 1984/85 \*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	37	5,779	98	10	80	6004
ASA	7	-	12	-	-	-	19
ASM	5,766	11	1	8	-	16	5,802
DIR	522	-	34	-	-	2	558
JIM	14	-	-	-	-	2	16
OTHERS	92	3	45	-	1	25	126
TOTAL	6361	51	55,871	106	11	125	12,525

TABLE A 23 ( CONT'D ) 1985/86 \*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	55	19,945	339	9	1222	21,570
ASA	8	-	11	-	-	-	19
ASM	12,256	11	-	1	-	77	12,345
DIR	1,398	-	216	-	-	5	1,619
JIM	6	-	-	-	-	13	19
OTHERS	57	1	49	-	2	9	118
TOTAL	13,725	67	20,221	340	11	1326	35,690

TABLE A23 (CONT'D) 1986/87

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	49	22,241	389	6	66	22,751
ASA	8	-	9	-	-	-	17
ASM	11,278	11	-	2	-	57	11,348
DIR	1,453	-	60	-	-	4	1,517
JIM	6	-	-	-	-	13	19
OTHERS	32	-	111	4	-	10	157
TOTAL	12,777	60	22,421	395	6	150	35,809

TABLE A 23 (CONT'D), 1987/88

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	81	18,048	364	5	116	18614
ASA	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	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	173	19,103	324	8	75	19,683
ASA	1	-	1	-	-	-	2
ASM	10,547	1	-	-	-	132	10,680
DIR	489	-	-	-	-	4	493
JIM	6	-	-	-	-	27	33
OTHERS	27	-	194	-	1	37	259
TOTAL	11,070	174	19,298	324	9	275	31,150

\* YEAR ENDING JUNE 30.

SOURCE: - ETHIOPIAN AIRLINES.

TABLE A24: DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN,  
DESTINATION AND MAJOR AIRPORTS 1984/85\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	1,130	185,161	790	-	10,271	197,352
ASA	428	-	58	-	-	-	486
ASM	93,233	1	-	18	-	5,065	98,317
DIR	28	-	-	-	-	193	221
JIM	12	-	-	-	-	1,385	1,397
OTHERS	4,228	-	5,078	-	25	4,210	13,541
TOTAL	97,929	1,131	190,297	808	25	21,124	311,314

TABLE A24 (CONT'D) 1985/86\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	2,483	292,386	1,798	5	12,337	309,009
ASA	1,615	-	116	-	-	4	1,735
ASM	142,839	450	-	239	-	5,213	148,741
DIR	-	-	-	-	-	480	480
JIM	93	-	-	-	-	921	1,014
OTHERS	5,932	-	2,903	10	88	5,776	14,709
TOTAL	150,479	2,933	295,405	2,047	93	24,731	475,688

TABLE A24 :- (CONT'D) 1986/87

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	292	196,801	3,408	130	8,157	108,788
ASA	1,767	-	143	-	-	-	1,910
ASM	50,814	194	-	-	-	4,206	55,214
DIR	6,312	-	-	-	-	1,461	7,773
JIM	122	-	-	-	-	407	529
OTHERS	3,311	-	-	3,032	11	5,307	11,661
TOTAL	62,326	486	196,944	6,440	141	19,538	285,875

TABLE A24 (CONT'D) 1987/88

FROM \ TO	ABB	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	3,642	44,692	299	37	13,722	62,392
ASA	1,897	-	124	-	-	10	2,031
ASM	14,593	229	-	-	-	1,894	16,716
DIR	-	-	-	-	-	204	204
JIM	16	-	-	-	-	349	365
OTHERS	4,154	-	2,054	12	8	4,507	10,735
TOTAL	20,660	3,871	46,870	311	45	20,686	92,443

TABLE A.24 (CONT'D) 1988/89 \*

TO FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	68,036	3,043	9	6,951	78,039
ASA	2,125	-	65	-	-	-	2,190
ASM	22,769	28	-	-	-	2,468	24,265
DIR	489	-	-	-	-	401	890
JIM	17	-	-	-	-	375	392
OTHERS	686	-	307	-	18	1,580	2,591
TOTAL	26,086	28	68,408	3,043	27	10,775	108,367

\* YEAR ENDING JUNE 30.

SOURCE: ETHIOPIAN AIRLINES.

TABLE A25:-REVENUE OF ETHIOPIAN AIRLINES BY SOURCE\*

SOURCE	IN MILLION BIRR				
	1984/85	1985/86	1986/87	1987/88	1988/89
PASSENGERS	184	212	223	273	306
FREIGHT	50	69	77	79	82
CHARTER	29	33	25	44	48
MAIL	4	5	4	4	3
EXCESS BAGGAGE	13	11	16	14	17
COMMISSION	4	5	5	6	6
MISCELLANEOUS SERVICES	20	48	33	34	39
TOTAL	304	383	383	454	501

\* YEAR ENDING JUNE 30

SOURCE:- ETHIOPIAN AIRLINES

TABLE A26:- EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE\*

PURPOSE	IN MILLION BIRR				
	1984/85	1985/86	1986/87	1987/88	1988/89
SALARIES AND PENSION	35	40	43	44	47
TRAVEL EXPENSES	8	3	12	15	4
AVIATION GAS OIL	87	90	71	87	94
AIRCRAFT MATERIAL	8	11	12	17	11
HANDLING FEES OF AIRCRAFT AND LANDING.	26	32	35	63	48
COMMISSION EXPENSES	18	20	28	37	40
ADVERTISING AND PUBLICITY	3	3	5	5	4
INSURANCE	13	16	17	17	17
DEPRECIATION	41	47	45	56	63
INTEREST EXPENSES-NET	33	30	23	33	38
SERVICE AND MISCELLANEOUS EXPENSES	9	62	67	68	101
OTHER NON-OPERATING ITEMS	( 7 )	15	5	(5)	(55)
TOTAL	281	369	363	442	467

\* YEAR ENDING JUNE 30.

SOURCE:- ETHIOPIAN AIRLINES.

TABLE A27. ETHIOPIAN AIRLINES OPERATING STATISTICS \*

I T E M	1984/85	1985/86	1986/87	1987/88	1988/89
AVERAGE-KM PER PASSENGER					
INTERNATIONAL	3,152	3,118	3,049	3,241	3,319
DOMESTIC	386	395	417	424	472
AVERAGE	2,246	2,146	2,062	2,253	2,454
REVENUE PASSENGER KM. ('000)					
INTERNATIONAL	880,723	1,018,286	1,046,829	1,227,453	1,422,082
DOMESTIC	63,528	72,316	87,104	86,690	106,062
TOTAL	944,251	1,090,602	1,133,933	1,314,143	1,528,144
REVENUE FREIGHT CARRIED (IN TONS)					
INTERNATIONAL	16,827	27,640	20,895	22,488	24,005
DOMESTIC	12,525	29,717	30,875	26,253	25,941
TOTAL	29,352	57,357	51,770	48,741	49,946
REVENUE FREIGHT TON-KM ('000)					
INTERNATIONAL	49,918	57,433	62,466	71,139	75,360
DOMESTIC	8,643	20,558	21,392	17,959	18,224
TOTAL	58,561	77,991	83,858	89,098	93,584
REVENUE PLANE-KM ('000)	17,957	20,607	1,816	23,461	25,205
PAYLOAD FACTOR (%)	55.7	53.7	49.2	56.3**	56.1**

\*: YEAR ENDING JUNE 30.

\*\* INCLUDING CHARTER.

SOURCE:- ETHIOPIAN AIRLINES

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

AIRPORTS	ASSAB	BOLE	YILMA ABATENA (DIRE DAWA)	JIMMA	YOHANNES IV
ASSAB	-	616	391	-	473
BOLE	616	-	344	262	703
YILMA ABATENA (DIRE DAWA)	391	344	-	607	724
JIMMA	-	262	607	-	-
YOHANES IV	473	703	724	-	-

SOURCE:- ETHIOPIAN AIRLINES.

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

22KHANHOY VI	AMHIB	1988/89 *	
		NUMBER OF PASSES	SERVICE CHARGE IN BIRR
SCHEDULED		13,967	2,232,845.50
UNSCHEDULED		2,194	189,261.50
TOTAL		16,161	2,422,107.00

\* YEAR ENDING JULY 7.

SOURCE: CIVIL AVIATION AUTHORITY.

Communication Statistics  
Postal Service Statistics

Communication plays a vital role in the socio-economic life of a country. An improvement in the postal service is part of the expansion in communications infrastructure. Yet the expansion of postal service in Ethiopia is slow due to various socio-economic constraints, thus keeping the majority of the population out of reach of postal services.

The number of employees of Postal Services Authority given in tables  $P_1$ ,  $P_2$  and  $P_3$  show an increment from 1089 in 1986/87 to 1118 in 1987/88 and further to 1175 in 1988/89, hence an increase of 6.1 percent in 1988/89 over that of 1986/87.

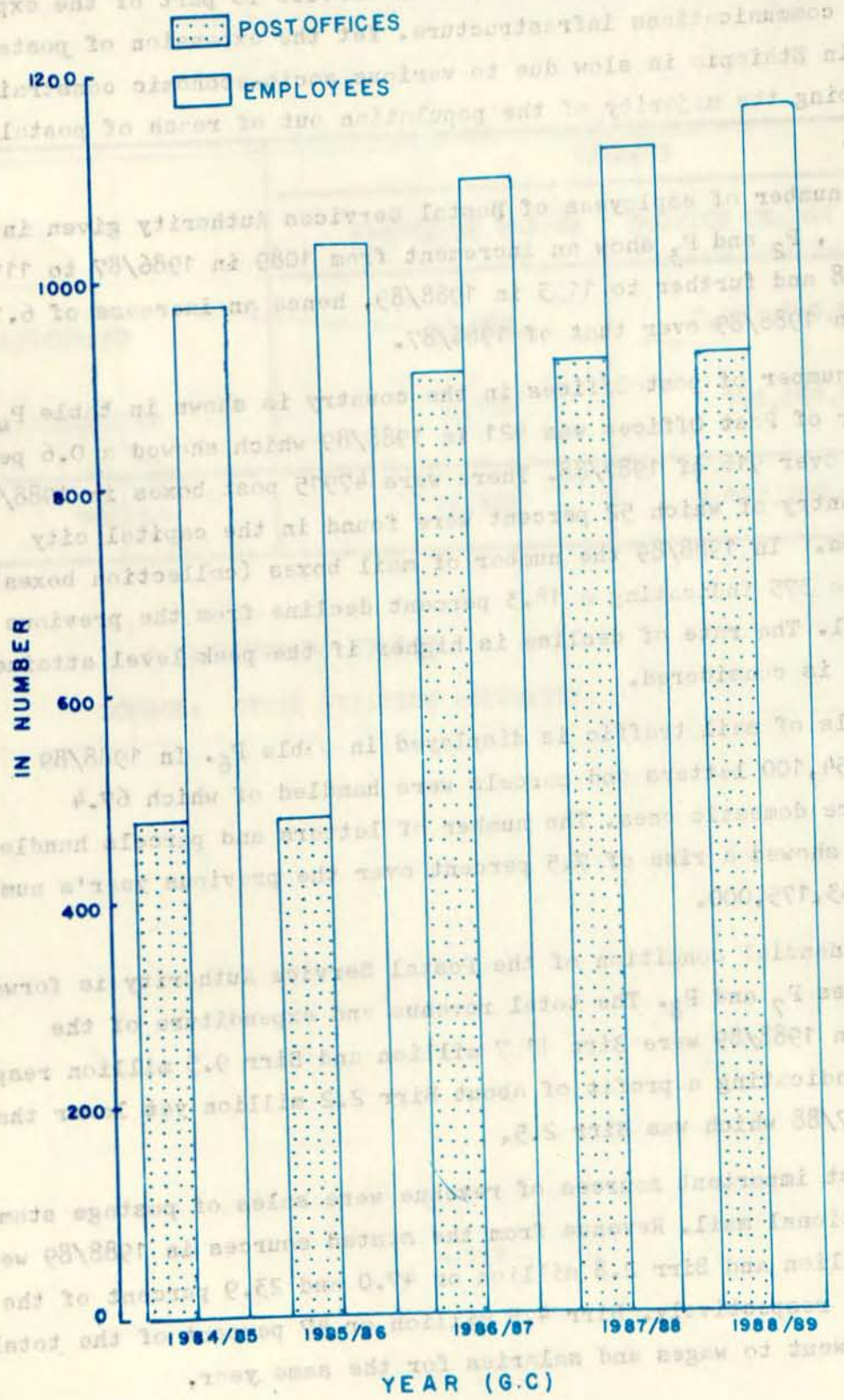
The number of post Offices in the country is shown in table  $P_4$ . The number of Post Offices was 921 in 1988/89 which showed a 0.6 percent rise over 916 of 1987/88. There were 47915 post boxes in 1988/89 in the country of which 52 percent were found in the capital city Addis Ababa. In 1988/89 the number of mail boxes (collection boxes) amounted to 375 indicating a 18.3 percent decline from the previous years level. The rate of decline is higher if the peak level attained in 1986/87 is considered.

Details of mail traffic is displayed in table  $P_6$ . In 1988/89 about 35,654,100 letters and parcels were handled of which 67.4 percent were domestic ones. The number of letters and parcels handled in 1988/89 showed a rise of 7.5 percent over the previous year's number which was 33,175,000.

The financial condition of the Postal Service Authority is forwarded in tables  $P_7$  and  $P_8$ . The total revenue and expenditure of the Authority in 1988/89 were Birr 11.7 million and Birr 9.5 million respectively, indicating a profit of about Birr 2.2 million yet lower than that of 1987/88 which was Birr 2.5.

The most important sources of revenue were sales of postage stamps and international mail. Revenue from the stated sources in 1988/89 were Birr 5.5 million and Birr 2.8 million or 47.0 and 23.9 percent of the total income respectively. Birr 4.5 million or 47 percent of the total expenditure went to wages and salaries for the same year.

**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	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	71	9	80	72	9	81
2. PROFESSIONAL TECHNICAL AND RELATED PERSONNEL	43	13	56	47	15	62
3. CLERICAL AND RELATED PERSONNEL	178	61	239	180	65	245
4. SALES WORKERS	320	125	445	329	128	457
5. SERVICE WORKERS	69	60	129	70	60	130
6. PRODUCTION AND RELATED WORKERS, TRANSPORT EQUIP- MENT OPERATORS AND LABOURERS	80	1	81	84	1	85
7. OTHERS	85	3	88	90	5	95
<b>TOTAL</b>	<b>846</b>	<b>272</b>	<b>1118</b>	<b>872</b>	<b>283</b>	<b>1155</b>

\* YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY.

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

AND SEX\*

ADMINISTRATIVE REGION	1984/85			1985/86			1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
Addis Ababa	...	...	...	408	144	552	414	158	572	412	164	576	425	175	600
Arssi	7	1	8	7	1	8	8	2	10	12	2	14	12	4	16
Bale	8	1	9	7	-	7	10	-	10	9	2	11	12	2	14
Eritrea	90	14	104	88	18	106	90	122	112	90	25	115	94	25	119
Gamo Gofa	3	1	4	4	1	5	7	1	8	8	1	9	8	1	9
Gojjam	16	1	17	15	3	18	19	5	24	22	7	29	25	9	34
Gonder	19	3	22	19	4	23	21	4	25	20	5	25	16	5	21
Hararghe	47	15	62	52	17	69	50	22	72	60	17	77	63	13	76
Illubabor	19	1	20	15	1	16	17	-	17	18	-	18	19	-	19
Keffa	23	6	29	27	8	35	26	8	34	27	9	36	26	7	33
Shewa	451	141	592	50	10	60	52	13	65	70	23	93	71	28	99
Sidamo	23	9	32	42	8	50	41	7	48	23	3	26	20	3	23
Tigray	21	2	23	24	3	27	25	3	28	21	3	24	26	1	27
Wellega	19	5	24	19	6	25	26	5	31	26	6	32	27	7	34
Wello	21	3	24	20	3	23	21	3	24	20	3	23	21	1	22
Assab Adm.	6	2	8	7	2	9	8	1	9	8	2	10	7	2	9
TOTAL	773	205	978	804	229	1,033	835	254	1,089	846	272	1,118	872	283	1,155

\* Year Ending July 7.

Source:- Postal Service Authority.

TABLE P3:- NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY BY

SALARY GROUP AND SEX\*

SALARY GROUP	1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	92	62	154	117	33	150	141	38	179
150-249	357	71	428	281	129	410	286	137	423
250-349	144	53	197	148	66	214	144	66	210
350-449	101	40	141	127	14	141	128	13	141
450-549	69	17	86	85	24	109	88	23	111
550-649	42	10	52	57	3	60	55	3	58
650-749	10	1	11	12	2	14	12	2	14
750-849	16	-	16	15	-	15	14	-	14
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 AND ABOVE	-	-	-	-	-	-	-	-	-
TOTAL	835	254	1089	846	272	1118	872	283	1155

\* YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY.

TABLE P4- NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION\*

ADMINISTRATIVE REGION	NUMBER OF POST OFFICES				
	1984/85	1985/86	1986/87	1987/88	1988/89
ADDIS ABABA	33	38	39	38	40
ARSSI	14	10	20	19	23
BALE	12	14	17	18	19
ERITREA	39	41	43	43	43
GAMO GOFA	11	11	16	21	16
GOJJAM	23	24	47	47	50
GONDER	33	28	32	34	37
HARARGHE	56	59	65	61	61
ILLUBABOR	13	16	25	25	26
KEFFA	25	24	204	206	199
SHEWA	121	80	207	212	224
SIDAMO	33	33	50	47	37
TIGRAI	18	21	23	23	23
WELLEGA	31	29	44	45	46
WELLO	50	49	75	75	75
ASSAB ADMINISTRATIVE	1	1	1	2	2
TOTAL	480	478	908	916	921

\* YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY.

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

ADMINISTRATIVE REGION	1986/87		1987/88		1988/89	
	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES	MAIL BOXES	POST BOXES
ADDIS ABABA	90	21,570	78	24,470	79	25,127
ARSSI	7	520	11	970	18	1,030
ASSAB ADM.	4	385	5	470	4	526
BALE	7	480	7	480	7	580
ERITREA	64	2,641	64	2,641	48	4,699
GAMO GOFA	5	360	4	360	5	360
GOJJAM	14	1,034	15	1,034	11	1,034
GONDER	45	630	10	1,030	6	1,030
HARARGHE	77	2,407	57	2,407	39	2,407
ILLUBABOR	14	580	14	580	9	680
KEFFA	28	1,263	28	1,263	21	1,383
SHEWA	48	3,870	60	4,150	42	4,270
SIDAMO	25	1,480	17	1,680	20	1,680
TIGRAI	21	978	21	828	11	878
WELLEGA	19	735	26	735	13	735
WELLO	23	1,076	42	1,376	42	1,496
TOTAL	491	40,009	459	44,474	375	47,915

\* YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

MAIL TRAFFIC	NUMBER OF MAILS				
	1984/85	1985/86	1986/87	1987/88	1988/89
<b>A. DOMESTIC MAIL</b>					
LETTERS	22,131,500	23,156,700	23,253,000	23,770,000	24,013,900
PARCELS	60,600	60,600	60,700	30,000	32,100
TOTAL	22,192,100	23,217,300	23,313,700	23,800,000	24,046,000
<b>B. INTERNATIONAL MAIL</b>					
<b>I. INCOMING INTERNATIONAL</b>					
LETTERS	5,055,800	5,155,400	6,004,000	5,117,000	6,216,200
PARCELS	76,400	82,100	80,400	95,000	97,900
TOTAL	5,132,200	5,237,500	6,084,400	5,212,000	6,314,100
<b>II. OUTGOING INTERNATIONAL</b>					
LETTERS	4,033,400	4,077,000	4,700,000	4,150,000	5,285,600
PARCELS	14,600	8,400	9,300	13,000	8,400
TOTAL	4,048,000	4,085,400	4,709,300	4,163,000	5,294,000
<b>GRAND TOTAL</b>	<b>31,372,300</b>	<b>32,540,200</b>	<b>34,107,400</b>	<b>33,175,000</b>	<b>35,654,100</b>

\* YEAR ENDING JULY 7

SOURCE:- POSTAL SERVICE AUTHORITY

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

Source	IN' 000 BIRR		
	1986/87	1987/88	1988/89
Sales of postage Stamps	4441.3	4428.4	5485.1
Income from International Mail	3485.7	3328.9	2784.9
Parcel post Receipt	936.0	887.2	827.0
Post Box Rentals & Key Sales	546.1	607.2	662.3
Postage Meter Machine	676.9	1099.7	1283.2
Money and Postal order commi- ssion	85.8	95.4	87.1
News paper Commission	378.4	440.8	...
Miscellaneous Revenue	227.4	120.1	536.3
<b>TOTAL</b>	<b>10777.6</b>	<b>11007.7</b>	<b>11665.9</b>

\* Year Ending July 7

Source:- Postal Service Authority.

TABLE P8:- EXPENDITURE OF POSTAL SERVICE AUTHORITY

BY PURPOSE\*

In' 000 Birr

PURPOSE	1986/87	1987/88	1988/89
Salaries and wages	4072.5	4281.8	4460.3
Conveyance of Mail	841.3	805.2	1088.0
Depreciation	618.8	856.5	1123.1
Printing of Postage Stamps	728.6	768.5	183.1
Stores Items Consumed	84.3	425.5	162.6
Miscellaneous Expenditure	2327.1	1368.4	2497.9
<b>TOTAL</b>	<b>8672.6</b>	<b>8505.9</b>	<b>9515.0</b>

\* Year Ending July 7

Source:- Postal Service Authority.

## Telecommunication Statistics

Telecommunication plays important role in the communicational system of a country. The Ethiopian Telecommunications Authority is expanding its communications network within the country as well as to the rest of the world from time. The progress made in this regard can be seen in the tables which exhibit number of employees, telephone lines and apparatus, public telephones in use, telephone calls and financial operation of the Authority.

The Ethiopian Telecommunications Authority showed a positive trend with respect to its staff expansion. The number of employees of the Authority as shown in tables T<sub>1</sub>, T<sub>2</sub> and T<sub>3</sub> were 5884 in 1988/89 and 5593 in 1987/88 which brought a 5.2 percent growth of the former over the latter. Of the total employees 52.7 percent are stationed in Addis Ababa. It is worth noting that the largest occupational group is clerical and related personnel, which accounted for more than two-fifth of the total labour force.

Number of telephone lines and apparatus by administrative region is shown in table T<sub>4</sub>. Both lines and apparatus in the country increased from 105985 and 135413 in 1987/88 to 115843 and 145836 in 1988/89 or 9.3 percent and 7.7 percent increase, respectively. More than half of the telephone apparatus and telephone lines in 1988/89 were installed in Addis Ababa.

The number of public telephone (Coin box telephones) increased by 7 from 918 in 1987/88 to 925 in 1988/89. About 71 percent of the total public telephones was in Addis Ababa in 1987/88 as well as in 1988/89. Table T<sub>6</sub> depicts number of telephones and telephones per thousand population by administrative region. The rate of telephones per thousand population ranges from 0.5(i.e., 5 telephones apparatus for every 10,000 people) for Arssi administrative region to 545(i.e., 545 telephone apparatus for every 10,000 people) for the capital city, Addis Ababa. For the nation as a whole the rate of telephone apparatus per thousand population showed a slight increase, from 2.9 to 3.0 in 1988/89. As shown in table T<sub>7</sub> which exhibits inter-urban calls between the administrative regional capitals, the smallest calls were made from Assela to Asmara and the highest calls were made from Addis Ababa

to Debre Markos during 1988/89.

The Ethiopian Telecommunications Authority's revenue for the fiscal year 1988/89 was Birr 123.6 million- a decrease of 6.5 percent compared to the previous fiscal year's revenue which was Birr 132.2 million. The breakdown of revenue is shown in table T<sub>8</sub>. Urban telephones generated Birr 53.5 million or 43.3 percent of the total revenue hence the highest contributor to total revenue followed by inter-urban telephones which collected Birr 51.7 million or 41.8 percent of the revenue in 1988/89.

The Authority's expenditure in 1988/89 was Birr 111.1 million lower by 0.8 percent than that of 1987/88 which was Birr 112.0 million. Expenditure by purpose is given in Table T<sub>9</sub>.

Fig.20- NUMBER OF TELEPHONES IN USE  
IN ETHIOPIA

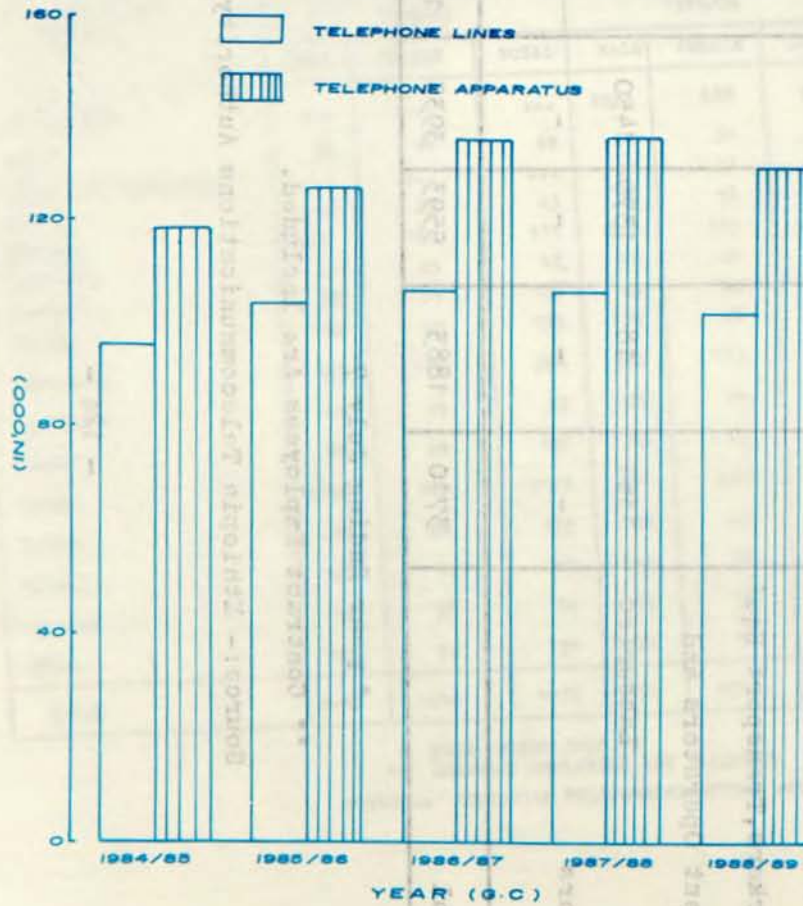
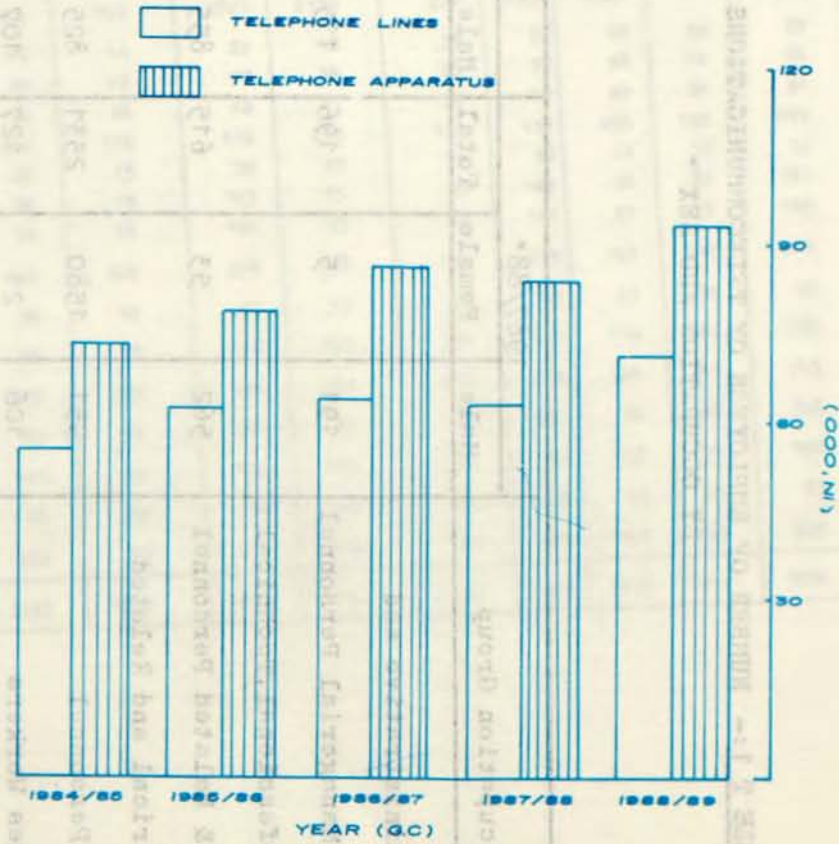


Fig.21- NUMBER OF TELEPHONES IN USE  
IN ADDIS ABABA



**TABLE T 1:- NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY  
BY OCCUPATION AND SEX \***

Occupation Group	1987/88*			1988/89*		
	Male	Female	Total	Male	Female	Total
1. Administrative and Managerial Personnel	191	5	196	195	8	203
2. Professional, Technical & Related Personnel	562	53	615	855	62	917
3. Clerical and Related Personnel	951	1580	2531	825	1630	2455
4. Sales Workers	106	21	127	107	22	129
5. Service Workers.	539	206	745	501	213	714
6. Production and Related workers, Transport Equip- ment Operators and Labourers	1361	18	1379	1450	16	1466
7. Others	-	-	-	-	-	-
<b>Total</b>	<b>3710</b>	<b>1883</b>	<b>5593</b>	<b>3933</b>	<b>1951</b>	<b>5884</b>

\* year Ending July 7

\*\* Contract Employees Are Included.

Source:- Ethiopia Telecommunications Authority.

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

ADMINISTRATIVE REGION	NUMBER OF EMPLOYEES **														
	1984/85			1985/86			1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADDIS ABABA	...	...	...	2023	688	2711	2104	723	2827	2180	754	2934	2320	778	3098
ARSSI	28	41	69	37	35	72	46	41	87	48	39	87	48	39	87
ASSAB ADMINISTRATION	...	...	...	51	33	84	50	23	73	54	23	77	58	26	84
BALE	21	22	43	26	18	44	16	26	42	17	30	47	20	34	54
ERITREA	327	187	514	259	183	442	237	179	416	239	192	431	255	190	445
GAMO GOFA	23	25	48	28	22	50	23	13	36	23	15	38	22	18	40
GOJJAM	58	71	129	75	60	135	84	79	163	85	80	165	98	82	180
GONDAR	106	67	173	115	65	180	90	64	154	93	68	161	91	73	164
HARRARGHE	143	111	254	150	117	267	152	126	278	158	131	289	164	140	304
ILLUBABOR	34	19	53	35	24	59	34	16	50	36	17	53	43	19	62
KEFFA	88	69	157	99	63	162	98	88	186	101	91	192	112	92	204
SHEWA	2293	865	3158	241	227	468	272	222	494	283	236	519	304	241	545
SIDAMO	89	64	153	99	61	160	77	64	141	81	61	142	80	68	148
TIGRAI	107	50	157	110	54	164	111	54	165	107	54	161	102	54	156
WELLEGA	48	38	86	55	37	92	47	32	79	46	32	78	49	34	83
WELLO	127	67	194	129	76	205	152	60	212	159	60	219	167	63	230
TOTAL	3492	1696	5188	3532	1763	5295	3593	1810	5403	3710	1883	5593	3933	1951	5884

\* YEAR ENDING JULY 7.

\*\* CONTRACT EMPLOYEES ARE INCLUDED.

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY.

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

**GROUP AND SEX:**

SALARY GROUP	NUMBER OF EMPLOYEES **														
	1984/85			1985/86			1986/87			1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	...	...	...	700	488	1188	551	427	978	513	388	901	437	290	727
150-249	...	...	...	902	400	1302	997	440	1437	955	415	1370	1073	485	1558
250-349	...	...	...	613	276	889	593	305	898	602	351	953	781	392	1173
350-449	...	...	...	447	175	622	463	221	684	446	267	713	579	269	848
450-549	...	...	...	327	331	656	311	226	537	504	204	708	254	150	404
550-649	...	...	...	191	56	247	301	150	451	212	184	396	247	269	516
650-749	...	...	...	169	29	198	158	32	190	211	59	270	258	81	339
750-849	...	...	...	85	4	89	119	6	125	157	11	168	177	12	189
850-949	...	...	...	48	3	51	43	2	45	43	3	46	51	2	53
950-1049	...	...	...	14	-	14	24	-	24	32	-	32	35	-	35
1050-1149	...	...	...	12	-	12	41	-	11	13	-	13	16	-	16
1150-1249	...	...	...	14	1	15	10	-	10	7	-	7	9	-	9
1250-1349	...	...	...	5	-	5	6	1	7	7	1	8	10	1	11
1350 AND ABOVE	...	...	...	7	-	7	6	-	6	8	-	8	6	-	6
<b>TOTAL</b>	<b>3,492</b>	<b>1,696</b>	<b>5,188</b>	<b>3,343</b>	<b>1,763</b>	<b>5,295</b>	<b>3,593</b>	<b>1,810</b>	<b>5,403</b>	<b>3,710</b>	<b>1,883</b>	<b>5,593</b>	<b>3,933</b>	<b>1,951</b>	<b>5,884</b>

† YEAR ENDING JULY 7.

\*\* CONTRACT EMPLOYEES ARE INCLUDED.

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY.

**TABLE T4:- NUMBER OF TELEPHONES IN USE BY ADMINISTRATIVE REGION, CAPITAL CITIES AND OTHER TOWNS.**

Y E A R *	ARSSI				BALE				ERITREA			
	ASSELA		OTHER TOWNS		GOBA		OTHER TOWNS		ASMARA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1984/85	390	585	301	306	347	363	257	271	9,859	12,233	2,908	3,571
1985/86	400	400	299	303	360	376	307	321	9,875	12,298	1,913	2,376
1986/87	376	578	299	304	377	503	317	355	9,732	12,320	1,968	2,398
1987/88	388	590	293	298	396	573	352	390	9,746	12,375	2,057	2,491
1988/89	384	586	299	304	393	597	409	459	9,738	12,385	2,113	2,549

**TABLE T4:- (CONT'D)**

Y E A R *	GAMO GOFA				GOJJAM				GONDER			
	ARBA MINCH		OTHER TOWNS		DEBRE MARKOS		OTHER TOWNS		GONDER		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1984/85	304	325	121	124	659	759	1,359	1,454	974	1,323	814	835
1985/86	354	376	134	137	690	790	1,382	1,477	964	1,313	791	812
1986/87	375	442	138	141	688	788	1,466	1,769	970	1,319	783	807
1987/88	408	476	138	141	640	740	1,511	1,819	966	1,334	851	887
1988/89	436	504	537	580	640	799	1,590	1,915	963	1,344	947	983

TABLE T4:-(CONT'D)

Y E A R *	HARARGHE				ILLUBABOR				KEFFA			
	HARAR		OTHER TOWNS		MATTU		OTHER TOWNS		JIMMA		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1984/85	939	1144	3352	3825	296	325	344	356	1039	1672	743	756
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

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TABLE T4 :-(CONT'D)

Y E A R *	SHEWA				SIDAMO				TIGRAI			
	ADDIS ABABA		OTHER TOWNS		AWASSA		OTHER TOWNS		MEKELE		OTHER TOWNS	
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS
1984/85	55571	72824	6974	7533	687	731	1602	1650	972	1111	818	844
1985/86	62008	79262	7230	7879	738	794	1742	1790	947	1097	860	887
1986/87	64148	85814	7366	8146	839	1205	1829	1970	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

TABLE T4:- NUMBER OF TELEPHONE AND TELEGRAPH EXCHANGES POPULATED BY ADMINISTRATIVE REGIONS.

TABLE T4:- (CONT'D)

Y E A R *	WOLLEGA				WELLO				ASSAB		TOTAL	
	NEKEMTE		OTHER TOWNS		DESSIE		OTHER TOWNS		LINE	APPARATUS	LINE	APPARATUS
	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS	LINE	APPARATUS				
1984/85	419	419	628	628	1447	1563	1049	1213	...	...	95573	118743
1985/86	488	488	647	647	1509	1654	1124	1289	1102	1308	103186	126365
1986/87	486	690	670	736	1520	1676	1167	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

\* YEAR ENDING JULY 7.

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY.

TABLE T 5 :- PUBLIC TELEPHONES(COIN BOX TELEPHONES) BY  
SELECTED URBAN AREAS.

Urban Areas	YEAR				
	1984/85	1985/86	1986/87	1987/88	1988/89
Addis Ababa	583	606	629	653	661
Asmara	80	80	81	80	79
Dire Dawa	19	19	18	18	18
Jimma	30	30	30	29	28
Harar	12	10	10	10	10
Dessie	19	20	20	23	23
Gonder	10	9	9	9	9
Massawa	20	19	19	20	20
Assab	17	17	15	18	19
Nazroth	18	19	21	22	22
Shashemene	7	7	9	9	9
Awassa	4	4	7	12	12
Mekele	5	5	5	5	5
Bahar Dar	11	11	10	10	10
TOTAL	835	856	885	918	925

\* 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 <sup>++</sup>		TELEPHONES PER '000 POPULATION	
			1987/88	1988/89	1987/88	1988/89	1987/88	1988/89	1987/88	1988/89
ADDIS ABABA	-	0.2	1,654.3	1,722.1	8,271.5	8,610.5	84,471	93,822	51.1	54.5
ARSSI	3	23.7	1,860.6	1,914.4	78.5	80.8	888	890	0.5	0.5
ASSAB ADMINISTRATION	1	27.5	101.3	104.7	3.7	3.8	1,541	1,906	15.2	18.2
BALE	5	127.1	1,126.7	1,159.3	8.9	9.1	963	1,056	0.8	0.9
ERITREA	8	93.7	2,938.1	3,026.1	31.4	32.3	14,866	14,934	5.1	5.0
GAMO GOFA	4	40.3	1,395.3	1,435.2	34.6	35.6	617	1,084	0.4	0.8
GOJJAM	7	61.2	3,632.3	3,737.3	59.4	61.1	2,559	2,714	0.7	0.7
GONDER	7	79.6	3,270.4	3,365.1	41.1	42.3	2,221	2,327	0.7	0.7
HARARGHE	13	272.6	4,657.8	4,792.5	17.1	17.6	5,463	5,606	1.2	1.2
ILLUBABOR	5	46.4	1,078.3	1,109.3	23.2	23.9	773	1,550	0.7	1.4
KEFFA	6	56.6	2,740.7	2,819.4	48.4	49.8	2,540	1,823	0.9	0.6
SHEWA	11	85.1	9,060.0	9,322.8	106.5	109.5	8,434	8,287	0.9	0.9
SIDAMO	6	119.8	4,241.8	4,364.2	35.4	36.4	3,382	3,291	0.8	0.7
TIGRAI	8	64.9	2,701.0	2,780.0	41.6	42.8	1,996	1,993	0.7	0.7
WELLEGA	6	70.5	2,770.6	2,850.0	39.3	40.4	1,561	1,603	0.6	0.6
WELLO	12	82.1	4,076.0	4,193.6	49.6	51.1	3,138	2,950	0.8	0.7
TOTAL	102	1,251.3	47,305.3	48,696.1	37.8	39.0	135,413	145,836	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 CITIES 1984/85\*

TO FROM	ADDIS ABABA	ARBA MINCH	ASSELLA	ASMARA	AWASSA	DEBRE MARKOS	DESSIE	GOBA	GONDAR	HARAR	JIMMA	MEKELE	METTU	NEKEMTE
ADDIS ABABA	-	16510	19504	33130	6003	29500	11540	11102	10427	14176	13805	13945	10100	23301
ARBA MINCH	20360	-	192	204	2198	83	106	130	64	89	122	52	27	28
ASSELLA	26985	83	-	304	180	170	137	428	80	40	144	92	13	30
ASMARA	40108	13	8	-	268	1800	1528	171	3138	570	568	10342	46	180
AWASSA	13710	938	200	498	-	181	239	73	19	284	222	380	72	101
DEBRE MARKOS	32835	67	231	867	188	-	319	164	3247	383	242	219	111	106
DESSIE	14243	72	116	1506	80	175	-	23	198	143	112	1706	76	75
GOBA	17147	144	398	573	1072	195	107	-	217	269	142	83	68	45
GONDAR	12114	38	128	3690	134	1610	257	38	-	212	124	1019	26	53
HARAR	27435	45	175	863	331	132	416	93	419	-	342	785	78	69
JIMMA	12752	25	148	543	227	214	286	59	144	292	-	235	2360	516
MEKELE	17482	8	20	101701	206	170	1782	10	871	560	170	-	43	25
METTU	19827	40	133	179	102	198	195	55	198	62	1772	237	-	203
NEKEMTE	32500	58	332	788	910	364	487	243	308	253	918	176	240	-

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

TO FROM	ADDIS ABABA	ARBA MINCH	ASSELLA	ASMARA	AWASSA	DEBRE MARKO S	DESSIE	GOBA	GONDAR	HARAR	JIMMA	MEKELE	METTU	NEKEMTE
ADDIS ABABA	-	17203	19800	55947	8353	30110	9840	12340	10387	4544	15309	16032	10109	24100
ARBA MINCH	25943	-	126	537	3392	226	342	513	151	188	195	140	54	99
ASSELLA	30146	112	-	695	436	154	198	520	145	540	274	205	97	211
ASMARA	40470	15	10	-	328	1900	1691	169	3047	767	470	10979	37	161
AWASSA	1662	1018	170	553	-	160	230	78	162	235	256	315	81	170
DEBRE MARKOS	33545	103	112	805	143	-	240	70	3164	306	288	234	206	184
DESSIE	33999	61	94	1299	55	182	-	27	167	113	104	1320	83	78
GOBA	17021	88	975	230	1187	114	182	-	106	347	195	83	20	259
GONDAR	16165	41	130	4476	108	1510	386	31	-	267	267	784	32	59
HARAR	27224	33	182	834	269	141	590	95	473	-	296	812	82	59
JIMMA	12239	31	152	854	128	205	230	63	166	215	-	139	2309	560
MEKELE	16289	7	17	10986	196	168	1179	7	503	577	174	-	30	25
METTU	19579	8	124	375	91	108	92	10	121	133	6052	176	-	273
NEKEMTE	31197	77	127	258	24	289	353	265	250	215	211	275	560	-

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

TO FROM	ADDIS ABABA	ARBA MINCH	ASSELLA	ASMARA	AWASSA	DEBRE MARKOS	DESSIE	GOBA	GONDAR	HARAR	JIMMA	MEKELE	METTU	NEKEMTE
ADDIS ABABA	-	21590	27400	33828	8952	40370	11717	17287	10934	14795	16486	18302	18765	30972
ARBA MINCH	26037	-	161	352	4237	274	348	279	217	170	244	193	85	109
ASSELLA	26701	234	-	794	549	200	209	391	119	557	239	144	86	229
ASMARA	39829	237	447	-	369	678	1460	241	2806	678	534	9980	149	340
AWASSA	16671	112	165	649	-	162	173	82	168	326	266	294	68	95
DEBRE MARKOS	39045	105	116	821	153	-	261	68	3153	317	291	241	218	190
DESSIE	15077	65	101	1109	60	501	-	32	228	178	130	1628	86	82
GOBA	23672	211	592	298	1740	169	222	-	171	472	243	140	56	147
GONDAR	19139	194	136	4994	168	2593	488	267	-	308	317	440	103	195
HARAR	21035	97	679	714	233	236	386	211	295	-	328	289	89	196
JIMMA	15971	38	198	470	244	210	217	64	217	233	-	112	234	568
MEKELE	17003	249	193	11444	192	241	1264	127	667	675	227	-	186	258
METTU	22478	57	131	244	66	166	263	51	108	161	6762	261	-	402
NEKEMTE	34367	140	141	538	295	273	350	128	312	266	2754	270	423	-

TABLE T7 (CONT'D) 1987/88 \*

TO FROM	ADDIS ABABA	ARBA MINCH	ASSELLA	ASHARA	AWASSA	DEBRE MARKOS	DESSIE	GOBA	GONDAR	HARAR	JIMMA	MEKELE	METTU	NEKEMETE	ASSAB
ADDIS ABABA	-	21680	27610	30140	9619	40400	9590	17300	11259	15090	19052	21495	19112	31400	11931
ARBA MINCH	27079	-	179	246	3848	358	440	309	235	227	309	171	130	98	174
ASSELLA	29470	185	-	419	532	254	251	441	155	629	371	247	149	367	400
ASHARA	37089	310	510	-	248	701	867	310	1613	223	281	6322	250	410	1439
AWASSA	26124	174	170	394	-	185	176	101	229	361	132	203	72	102	131
DEBERE MARKOS	37643	244	216	589	193	-	329	154	3449	270	275	231	121	174	249
DESSIE	16749	72	110	342	76	610	-	41	256	220	131	799	90	90	9799
GOBA	24897	287	585	465	1629	220	246	-	252	480	459	224	104	139	152
GONDAR	18281	201	142	2822	229	3010	417	310	-	249	168	1024	110	202	19
HARAR	24684	115	712	425	146	250	278	230	259	-	268	185	98	210	98
JIMMA	15843	49	230	348	193	240	236	72	232	200	-	192	249	580	94
MEKELE	8839	260	218	5834	120	248	582	130	350	311	127	-	201	310	1493
METTU	24994	82	226	416	161	180	227	103	135	259	810	450	-	476	26
NEKEMETE	28901	115	127	288	166	212	266	142	204	252	2061	361	338	-	170
ASSAB	30119	32	91	4185	122	210	16385	301	318	184	231	3585	92	210	-

TABLE T7 (CONT'D) 1988/89 \*

TO FROM	ADDIS ABABA	ARBA MINCH	ASSELLA	ASMARA	AWASSA	DEBRE MARKOS	DESSIE	GOBA	GONDAR	HARAR	JIMMA	MEKELE	METTU	NEKEMTE
ADDIS ABABA	-	22591	24801	25734	10998	41480	14862	18101	13207	13155	20842	6378	18610	31802
ARBA MINCH	23033	-	240	7	3877	221	535	347	203	285	353	12	96	132
ASSELLA	26984	194	-	1	557	212	332	345	172	510	340	2	126	168
ASMARA	21809	241	560	-	25	710	73	83	102	253	23	-	151	360
AWASSA	27166	131	178	-	-	162	350	102	833	668	365	-	101	316
DEBRE MARKOS	40110	116	170	901	161	-	310	310	220	181	281	201	91	110
DESSIE	15749	71	4	264	228	616	-	42	104	92	45	-	92	103
GOBA	22924	316	555	37	1921	186	245	-	247	498	239	20	90	132
GONDAR	24981	190	145	-	321	3102	331	310	-	-	527	-	116	201
HARAR	19554	102	810	65	132	301	524	221	251	-	239	-	201	212
JIMMA	16633	41	216	92	328	250	224	221	136	242	-	14	261	212
MEKELE	-	-	-	11812	-	-	-	-	6	-	-	-	-	-
METTU	22510	80	136	290	72	170	270	62	118	170	7116	272	-	417
NEKEMETE	28214	123	99	-	117	161	220	42	144	168	1600	16	476	-

\* YEAR ENDING JULY 7.

SOURCE:- ETHIOPIAN TELECOMMUNICATIONS AUTHORITY.

TABLE T 8 = REVENUE OF TELECOMMUNICATIONS AUTHORITY BY SOURCE

(IN ' 000 BIRR)

Source	1984/85	1985/86	1986/87	1987/88	1988/89
<u>Urban Telephone</u>	45,235	49,109	51,842	59,142	93,473
Initial Subscription	2,367	2,231	2,291	6,286	4,147
Rent	9,547	11,013	11,610	12,191	13,611
Moves and Changes	321	301	321	290	326
Urban Calls	33,000	35,564	37,620	40,375	35,389
<u>InterUrban Telephone</u>	26,143	42,734	48,023	51,185	51,703
Inland Calls	9,227	9,481	9,702	10,202	10,358
International Calls	16,640	33,141	38,086	40,756	41,122
Rural Radio Calls	-	-	20	39	32
Radio Licence	276	112	215	188	191
<u>Telegraph</u>	3,960	4,173	4,090	4,951	2,078
Inland Telegrams	680	782	835	877	731
International Telegrams	1,388	1,221	1,029	1,662	942
Other Telegraph Services	1,892	2,170	2,226	2,412	405
<u>Telex</u>	10,174	11,013	11,371	12,958	16,307
Urban	8	1,290	3	174	1,582
InterUrban	354	364	361	348	828
Foreign	8,582	9,359	9,716	11,060	11,352
Other Telex Services	1,230	-	1,291	1,376	2,545
Miscellaneous	2,984	2,258	3,491	3,963	
<b>TOTAL REVENUE</b>	<b>88,496</b>	<b>109,287</b>	<b>118,817</b>	<b>132,199</b>	<b>123,561</b>

\* Year Ending July 7.

Source:- Ethiopian Telecommunications Authority .

TABLE T9:- EXPENDITURE OF TELECOMMUNICATIONS AUTHORITY BY

PURPOSE*	(In '000 Birr)			
	1985/86	1986/87	1987/88	1988/89
Personnel Emplument	19,332	25,850	13,482	4,545
Training	618	527	1,910	889
Maint. and Depreciation of Telephone				
I) Urban Telephone	12,552	10,042	22,053	23,961
II) Inter Urban Telephone	5,091	6,657	12,768	15,402
Maint. and Depreciation of Telegraph	1,584	2,221	2,894	2,856
Maint. and Depreciation of Telex	553	993	1,682	2,526
Maint. and Depreciation of Building	2,041	1,471	4,792	4,212
Depreciation of Furniture and Equipment	240	247	261	282
Interest on Loan	4,176	6,997	13,872	15,342
Provision for Profit Tax	24,510	21,779	23,308	16,230
Capital Charge	8,873	10,038	11,137	11,849
Miscellaneous	5,506	10,550	3,850	13,001
<b>TOTAL EXPENDITURE</b>	<b>85,076</b>	<b>97,372</b>	<b>112,009</b>	<b>111,095</b>

\* Year Ending July 7

Source:- Ethiopian Telecommunications Authority.

## Radio and Television Statistics

Majority of the population in developing countries like Ethiopia live in rural areas where communications are poor. In such a situation broadcasting plays a vital role in reaching the masses and enabling the government to keep in touch with its people in order to promote their economic, social and political participation to enhance the overall development of the country.

The Ethiopian Radio broadcasts its programmes to listeners at home and overseas while the Ethiopian Television transmits to domestic viewers. In this section data on the number of employees of the Ministry of Information, Broadcasting Service, number of radio stations, broadcasting hours and languages used, number of employees of the Ministry of Education, Department of Education Mass Media and radio hours allocated to education by radio, are presented.

The number of employees of Broadcasting Services of the Ministry of Information was 403 in 1988/89. It should be noted that the number of employees of Broadcasting Service of radio were not included for the year 1988/89.

The improvement and development of broadcasting services might be measured by the growth in the number of radio listeners and television viewers. Thus, number of transistor radios and number of TV sets are good indicators to this end. The estimated number of transistor radios in the country (as estimated by the Ministry of Information) was constant for three consecutive years from 1986/87 through 1988/89 at 9 million. Over and above of our doubt to the reliability of the estimated number of 9 million transistor radios, the fact that it is constant for 3 successive years make it difficult to comment on the growth in number of radio listeners.

Likewise the number of transmitters remained the same for four years from 1985/86 through 1988/89 at 13. The number of TV-sets were estimated at about 100,000 in 1988/89 which is higher than that of the previous year's estimated of 80,000 by 25 percent.

Table B<sub>4</sub> shows radio broadcasting hours and languages used by location of studio, national service. Radio programmes are transmitted in

five languages from studios in Addis Ababa, Harar and Asmara.

The total domestic service-hours utilized by all programmes in 1988/89 was 6077:30 hours which is the same as that of the previous year.

Table B<sub>5</sub> presents radio broadcasting hours and languages used, international service. The external radio service of Ethiopia broadcasts its programme in Amharic, English, French, Arabic, Afar and Somali languages to its listeners in and outside the country. The total external service-hours in 1988/89 was 2555:20 hours. This is higher than that of the previous year by 61:20 Service-hours.

Thus the overall service-hours (domestic and external service-hours) was 8632:50.

The Ethiopian television presents its programmes in two languages, i.e., in Amharic and in English. The total service-hours of the Ethiopian television amounted to 1624:00 hours in 1988/89 showing a decrease of 1.2 percent when compared with that of 1987/88 which was 1644:25 hours.

The number of employees of the Department of Education Mass Media Ministry of Education rose by eight from 176 in 1987/88 to 184 in 1988/89. About 71 percent of the employees in 1988/89 were males.

The Ministry of Education Department of Education Mass Media presents its programmes in two languages, i.e., in Amharic and in English using eleven transmitters located throughout the country. In 1988/89, the total service-hours from legedadi and Wollayta Transmitters were 1982:30 and 1670:30 respectively while the rest nine transmitters gave 1748:30 service hours each.

The total number of service-hours for all transmitters was 19389:30 hours in 1988/89. There was a 40.2 percent service-hours increase over that of 1987/88 which was 13832:32 hours.

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

OCCUPATION	1984/85			1985/86**			1986/87			1987/88			1988/89 ***		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
ADMINISTRATIVE PERSONNEL	183	160	343	117	85	202	225	179	404	232	194	426	90	70	160
RADIO PROGRAMMERS	118	42	160	89	33	122	121	43	164	126	41	167	...	...	...
TELEVISION PROGRAMERS	13	8	21	-	-	-	59	25	84	31	11	42	55	18	73
TECHNICAL PERSONEL	266	37	303	105	2	107	231	28	259	273	52	325	86	26	112
JOURNALISTS	14	3	17	-	-	-	18	3	21	-	-	-	34	24	58
TOTAL	594	250	844	311	120	431	654	278	932	662	298	960	265	133	403

\* 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	NUMBER OF EMPLOYEES														
	1984/85			1985/86**			1986/87			1987/88			1988/89 ***		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50-149	104	102	206	64	52	116	137	118	255	128	128	256	49	59	108
150-249	98	36	134	45	20	65	93	41	134	110	40	150	41	18	59
250-349	134	49	183	38	16	54	124	55	179	107	51	158	61	28	89
350-449	52	25	77	26	13	39	68	23	91	87	31	118	37	10	47
450-549	64	18	82	34	7	41	59	13	72	56	19	75	21	10	31
550-649	68	11	79	42	7	49	93	17	110	91	18	109	35	10	45
650-749	28	6	34	22	-	22	34	5	39	37	6	43	15	2	17
750-849	29	2	31	27	3	30	30	3	33	29	3	32	2	1	3
850-949	3	-	3	3	-	3	2	-	2	3	-	3	-	-	-
950-1049	8	-	8	7	-	7	10	-	10	10	-	10	3	-	3
1050-1149	2	-	2	-	1	1	-	1	1	-	1	1	-	-	-
1050-1249	3	-	3	2	-	2	2	1	3	2	-	2	-	-	-
1250-1349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1350-AND ABOVE	1	1	2	1	1	2	2	1	3	2	1	3	1	-	1
TOTAL	594	250	844	311	120	431	654	278	932	662	298	960	265	138	403

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

YEAR*	RADIO STATIONS	TRANSMITTERS	HOUSEHOLDS WITH RADIO SETS**
1984/85	3	9	3,000,000
1985/86	3	13	3,000,000
1986/87	3	13	9,000,000
1987/88	4	13	9,000,000
1988/89	4	13	9,000,000

\* YEAR ENDING JULY 7

\*\* ESTIMATED BY MINISTRY OF INFORMATION

NOTE:- HARAR, ADDIS ABABA AND ASMARA HAVE ONE RADIO STATION EACH

SOURCE:- MINISTRY OF INFORMATION

**TABLE B4:- RADIO BROADCASTING HOURS AND LANGUAGES USED**

**BY LOCATION OF STUDIO, NATIONAL SERVICE**

RADIO BROADCASTING HOURS

YEAR*	ADDIS ABABA STUDIO				
	AMHARIC				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1984/85	468:00	1167:40	849:00	18:00	2502:40
1985/86	468:00	1105:00	849:00	18:00	2440:00
1986/87	521:00	1105:00	854:40	18:00	2498:40
1987/88	721:00	851:15	657:00	197:45	2427:00
1988/89	721:30	851:15	657:00	197:45	2,427:30

TABLE B 4 (CONT'D)

YEAR*	ADDIS ABABA STUDIO									
	OROMIGNA					TIGRIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1984/85	121:33	439:20	112:07	-	673:00	60:00	180:00	125:00	-	365:00
1985/86	121:33	439:20	112:07	-	673:00	60:00	180:00	125:00	-	365:00
1986/87	121:00	439:20	112:07	-	672:00	60:00	180:00	125:00	-	365:00
1987/88	190:00	273:20	111:00	155:40	730:00	60:00	86:00	69:00	150:00	365:00
1988/89	190:00	273:20	111:00	155:40	730:00	60:00	86:00	69:00	150:00	365:00

TABLE B 4 ( CONT'D )

YEAR*	ASMARIA STUDIO									
	TIGRE					TIGRIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1984/85	60:00	195:00	110:00	-	365:00	111:00	380:00	154:00	-	645:00
1985/86	60:00	195:00	110:00	-	365:00	111:00	380:00	154:00	-	645:00
1986/87	60:00	195:00	110:00	-	365:00	111:00	380:00	154:00	-	645:00
1987/88	60:00	120:00	85:00	100:00	365:00	112:00	236:40	196:25	184:55	730:00
1988/89	60:00	120:00	85:00	100:00	365:00	112:00	236:40	196:25	184:55	730:00

TABLE B 4 ( CONT'D )

YEAR*	ASMARIA STUDIO				
	AMHARIC				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1984/85	30:42	213:18	29:40	-	273:40
1985/86	3:20	240:00	29:00	-	272:20
1986/87	60:00	195:00	110:00	-	365:00
1987/88	38:00	125:00	66:00	136:00	365:00
1988/89	38:00	125:00	66:00	136:00	365:00

TABLE B 4 ( CONT'D )

YEAR*	HARAR STUDIO									
	OROMIGNA					SOMALIGNA				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1984/85	121:33	434:20	112:07	-	668:00	60:00	180:00	125:00	-	365:00
1985/86	121:33	434:20	112:07	-	668:00	60:00	180:00	125:00	-	365:00
1986/87	121:33	434:20	112:07	-	668:00	60:00	180:00	125:00	-	365:00
1987/88	120:00	432:00	148:00	30:00	730:00	60:00	136:00	112:00	57:00	365:00
1988/89	120:00	432:00	148:00	30:00	730:00	60:00	136:00	112:00	57:00	365:00

TABLE B 4 (CONT'D )

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1984/85	1032:48	3189:38	1616:54	18:00	5857:20
1985/86	1005:26	3153:40	1616:14	18:00	5793:20
1986/87	1114:33	3108:40	1706:54	18:00	5948:07
1987/88	1361:30	2260:15	1444:25	1011:20	6077:30
1988/89	1361:30	2260:15	1444:25	1011:20	6077:30

\* YEAR ENDING JULY 7

SOURCE:- MINISTRY OF INFORMATION

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

YEAR*	AMHARIC					ENGLISH				
	NEWS	GENERAL INFORMA- TION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMAT- ION	RECREATION	OTHERS	TOTAL
1984/85	60:00	175:00	70:00	60:00	365:00	60:00	170:00	80:00	55:00	365:00
1985/86	60:00	175:00	70:00	60:00	365:00	60:00	170:00	80:00	55:00	365:00
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	666:00
1988/89	60:50	121:40	91:15	91:15	365:00	121:40	243:20	121:40	243:40	730:20

TABLE B5 (CONT'D)

YEAR *	FRENCH					ARABIC				
	NEWS	GENERAL INFORMAT- ION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMAT- ION	RECREATION	OTHERS	TOTAL
1984/85	60:00	119:00	85:00	101:00	365:00	60:00	119:00	85:00	101:00	365:00
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

TABLE B5 - BROADCASTING HOURS AND PROGRAMS USED, INTERNATIONAL SERVICE

YEAR *	SOMALI					AFFAR					TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
	1984/85	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00	360:00	788:00	615:00	427:00
1985/86	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00	360:00	788:00	615:00	427:00	2190:00
1986/87	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00	360:00	788:00	615:00	427:00	2190:00
1987/88	60:00	120:00	85:00	101:00	366:00	60:00	105:00	110:00	91:00	366:00	420:00	1039:40	515:20	519:00	2494:00
1988/89	60:50	121:40	152:05	30:25	365:00	60:50	121:40	121:40	60:50	365:00	425:50	851:40	766:30	511:20	2555:20

\* 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							ENGLISH							GRAND TOTAL
		NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	EDUCATIONAL	OTHERS	TOTAL	
1984/85	70,000	182:05	607:00	271:49	8:00	39:00	-	1107:54	122:00	119:00	65:15	2:00	29:00	-	333:15	1441:09
1985/86	70,000-75,000	188:00	144:40	74:30	15:20	235:20	24:33	682:23	120:00	8:00	236:40	5:36	122:44	-	493:00	1175:23
1986/87	70,000-75,000	216:30	346:20	88:12	16:28	84:00	24:20	775:50	121:40	8:20	366:00	6:40	113:00	-	615:40	1391:30
1987/88	80,000	205:00	379:10	170:00	13:15	98:00	62:45	933:10	121:40	17:05	350:00	6:30	216:00	-	711:15	1644:25
1988/89	100,000	198:00	416:00	144:00	18:00	150:00	70:00	996:00	125:00	8:00	365:00	7:00	123:00	-	628:00	1624:00

\* YEAR ENDING JULY 7.

\*\* ESTIMATE BY ETHIOPIAN TELEVISION

SOURCE:- MINISTRY OF INFORMATION.

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

OCCUPATION GROUP	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
1. ADMINISTRATIVE AND MANAGERIAL PERSONNEL	17	2	19	17	2	19
2. PROFESSIONAL, TECHNICAL AND RELATED PERSONNEL	67	11	78	67	11	78
3. CLERICAL AND RELATED PERSONNEL	15	19	34	15	20	35
4. SALES WORKERS	2	1	3	2	1	3
5. SERVICE WORKERS	16	14	30	18	17	35
6. PRODUCTION AND RELATED WORKERS TRANSPORT EQUIPMENT OPERATORS AND LABOURERS.	11	1	12	13	1	14
7. OTHERS	-	-	-	-	-	-
TOTAL	128	48	176	132	52	184

\* 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	1987/88			1988/89		
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL
50 - 149	14	15	29	17	21	38
150 - 249	25	12	37	22	9	31
250 - 349	16	08	24	12	9	21
350 - 449	15	7	22	22	5	28
450 - 549	20	4	24	19	4	23
550 - 649	22	1	23	26	2	28
650 - 749	12	-	12	10	-	10
750 - 849	3	1	4	2	1	3
850 - 949	-	-	-	-	-	-
950 - 1049	1	-	1	2	-	2
1050 - 1149	-	-	-	-	-	-
1150 - 1249	-	-	-	-	-	-
1250 - 1349	-	-	-	-	-	-
1350 & ABOVE	-	-	-	-	-	-
TOTAL	128	48	176	132	52	184

\* 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
1984/85	754:00	225:20	117:00	1096:20	754:00	225:20	117:00	1096:20
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

TABLE B9 (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	BAHRDAR TRANSMITTER				DEBRE MARKOS TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	IC	ENGLISH	OTHERS	TOTAL
1984/85	871:00	225:20	-	1096:20	754:00	225:20	117:00	1096:20
1985/86	1022:36	294:36	-	1317:12	788:36	294:36	117:00	1200:00
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

TABLE B9 (CONT'D)

YEAR *	RADIO BROADCASTING HOURS							
	DESSIE TRANSMITTER				GUMBI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1984/85	754:00	225:20	117:00	1096:20	754:00	225:20	117:00	1096:20
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

TABLE B9:- (CONT'D)

YEAR *	RADIO BROADCASTING HOURS.							
	GORE TRANSMITTER				LEGEDADI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1984/85	754:00	225:20	117:00	1096:20	1014:00	225:20	117:00	1356:20
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	307:04	117:00	1982:30

TABLE B 9 ( CONT'D )

YEAR*	RADIO BROADCASTING HOURS							
	MEKELE TRANSMITTER				ROBE TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1984/85	754:00	225:20	117:00	1096:20	754:00	225:20	117:00	1096:20
1985/86	864:36	294:36	117:00	1276:12	754:36	294:36	117:00	1200:12
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

TABLE B 9 (CONT'D)

YEARS*	RADIO BROADCASTING HOURS							
	WOLLAYTA TRANSMITTER				ALL TRANSMITTERS			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1984/85	715:00	225:20	156:00	1096:20	8632:00	2478:40	1209:00	12319:40
1985/86	794:36	294:36	156:00	1245:12	9250:36	3240:36	1209:00	13700:12
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	3377:44	1131:00	19389:30

\* 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 Statistics

Press is another medium of communication of mass media. But its benefit is mainly utilized by the public who could read and write. The expansion of press services is largely subject to literacy. The drive towards the eradication of illiteracy, which has gathered momentum in Ethiopia, is hoped to enable the populace to be beneficiary of press mass media. Press could play a role in the agitation of the Ethiopian people to participate actively in the economic, social and political advancement of the nation.

In this section, there are tables which show data on the number of employees of the Ministry of Information Press Service, publication and circulation of the three daily, six weekly and one bi-monthly newspapers, and two monthly and another two quarterly.

The languages in use in these publications are Amharic, English, Tigrigna, Arabic and Oromigna. Note that "Yekatit " Magazine is published monthly in Amharic and quarterly in English.

The number of employees of Press Service of Ministry of Information increased by 17 from 195 in 1987/88 to 212 1988/89. About 64 percent of the employees in 1988/89 were males.

In 1988/89, out of the three daily newspapers (Addis Zemen, Herald and Hibrata) about 73.9 percent of the daily total print was Addis Zemen.

The number of newspapers printed and sold in 1988/89 was 28.6 million which brought a 1.3 percent rise over 28.2 million copies in 1987/88.

The number of magazines printed was 692,000 copies in 1988/89 and the net paid and donated circulation numbered 683,679 or 98.8 percent of the total print.

In 1988/89, the number of newspapers sold was 28.1 million which brought a 1.13 percent rise over 27.7 million copies in 1987/88. The number of magazines sold in 1988/89 was 677,825 copies which brought a 3.62 percent decrease over 703,303 copies in 1987/88.

2-25 percent decrease over 1984/85, 100,000 copies in 1985/86, 100,000 copies in 1986/87, 100,000 copies in 1987/88, 100,000 copies in 1988/89. The number of magazines sold in 1984/85 was 100,000, 100,000 in 1985/86, 100,000 in 1986/87, 100,000 in 1987/88, 100,000 in 1988/89. The number of newspapers sold was 500,000 in 1984/85, 500,000 in 1985/86, 500,000 in 1986/87, 500,000 in 1987/88, 500,000 in 1988/89.

Fig. 22-TOTAL PRINT AND NET PAID CIRCULATION OF ADDIS ZEMEN

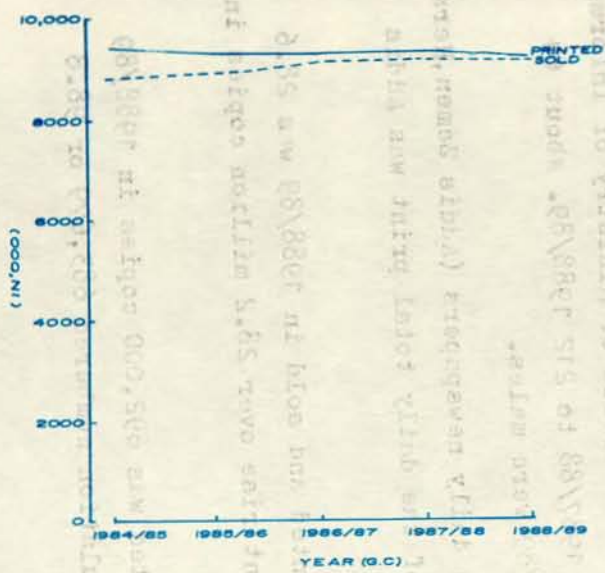


Fig. 24 - TOTAL PRINT AND NET PAID CIRCULATION OF YEZAREITU ETHIOPIA

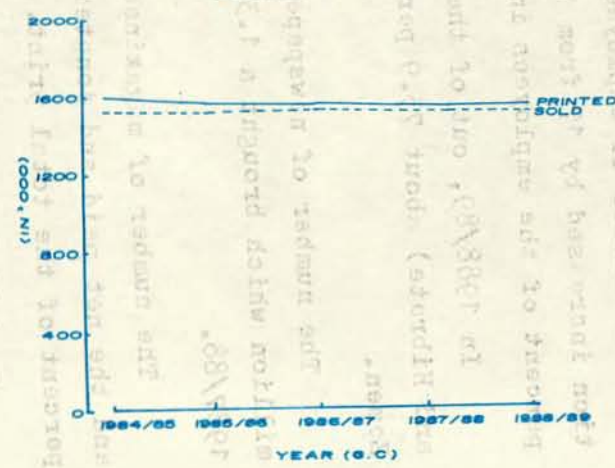


Fig. 23- TOTAL PRINT AND NET PAID CIRCULATION OF ETHIOPIAN HERALD

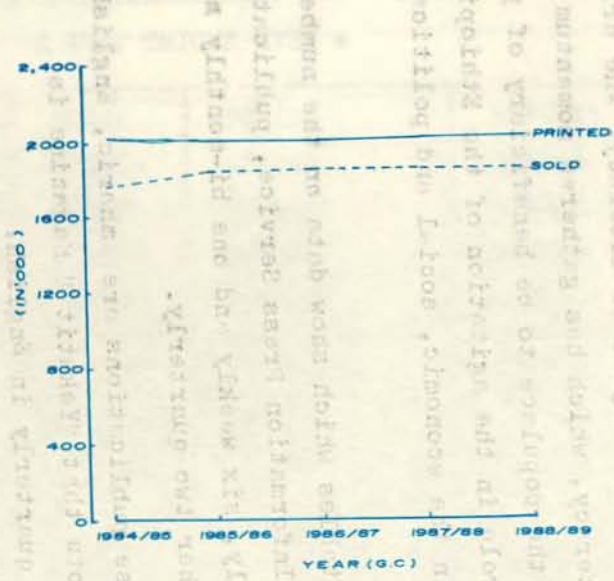
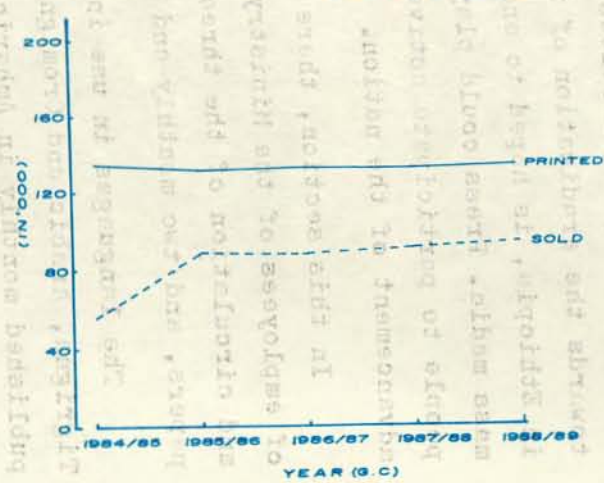


Fig. 25- TOTAL PRINT AND NET PAID CIRCULATION OF AL ALEM



exhibition of great relations in the country and the number of newspapers and magazines has increased. The number of newspapers and magazines has increased from 1984/85 to 1988/89. The number of newspapers and magazines has increased from 1984/85 to 1988/89. The number of newspapers and magazines has increased from 1984/85 to 1988/89.

TABLE N 1:- NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION BY SALARY GROUP AND SEX \*

SALARY GROUP,	1985/86			1986/87			1987/88			1988/89		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50-149	3	24	27	6	25	32	7	22	29	11	21	32
150-249	16	12	28	16	12	28	13	18	31	13	23	36
250-349	18	15	33	16	15	31	16	17	33	12	14	26
350-449	25	4	29	23	6	29	25	5	30	25	9	34
450-549	15	3	18	15	4	19	13	4	17	20	6	26
550-649	23	3	26	24	2	26	23	2	25	25	4	29
650-749	15	-	15	15	-	15	14	1	15	12	-	12
750-849	9	-	9	8	-	8	10	-	10	13	-	13
850-949	-	-	-	-	-	-	-	-	-	-	-	-
950-1049	4	-	4	4	-	4	5	-	5	4	-	4
1050-1149	-	-	-	-	-	-	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-	-	-	-	-	-	-
1250-1349	-	-	-	-	-	-	-	-	-	-	-	-
1350- &Above	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	128	61	189	127	64	191	126	69	195	135	77	212

\* Year Ending July 7.

Source:- Ministry of Information.

TABLE N 2:- 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
1984/85	9,440,000	8,859,166	573,364	7,470	2,024,500	1,755,790	261, 240	7,470
1985/86	9,260,000	9,113,633	11,220	135,147	2,005,200	1,844,906	14,147	146,147
1986/87	9,260,000	9,109,676	140,876	9,448	2,005,500	1,841,752	154,338	9,410
1987/88	9,285,000	9,134,010	144,175	6,815	2,009,000	1,850,658	153,057	5,285
1988/89	9,240,000	9,088,757	146,623	4,620	2,002,000	1,844,289	154,631	3,080

\* 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)

Y E A R *	BERISSA <sup>+</sup>				SERTO ADER			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1984/85	104,000	95,598	8,142	260	7,730,248	7,725,264	4,984	-
1985/86	113,000	98,029	1,266	13,705	10,482,648	10,473,753	8,895	-
1986/87	113,000	98,823	12,968	1,209	11,600,000	11,594,838	5,162	-
1987/88	104,000	98,499	4,915	586	11,600,000	11,600,000	-	-
1988/89	106,000	100,506	5,016	478	11,600,000	11,600,000	-	-

\* YEAR ENDING JULY 7.

+ BERISSA IS A WEEKLY OROMIGNA NEWSPAPER.

SOURCE: 1. MINISTRY OF INFORMATION.

2. THE CENTRAL COMMITTEE OF THE WORKERS' PARTY OF ETHIOPIA.

**TABLE N3:- (CONT'D)**

Y E A R *	AL ALEM				YEZARNITU ETHIOPIA				ZEMA BETEKIRISTIAN.			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1984/85	133,000	55,911	76,824	265	1,600,000	1,543,338	55,362	1,300	26,805	25,805	805	195
1985/86	130,500	87,125	625	42,750	1,580,000	1,558,462	1,415	20,123	24,000	22,200	583	1,217
1986/87	132,000	86,915	44,814	771	1,580,000	1,555,098	20,888	4,014	20,000	19,457	231	312
1987/88	130,500	89,723	40,428	349	1,560,000	1,537,488	21,357	1,155	22,000	21,650	250	100
1988/89	132,500	91,712	40,473	315	1,560,000	1,537,378	21,842	780	10,460	9,980	160	320

\* YEAR ENDING JULY 7.

SOURCE:- 1. MINISTRY OF INFORMATION.

2. ETHIOPIAN ORTHODOX CHURCH.

TABLE N4:- NUMBER OF COPIES OF BI- MONTHLY NEWSPAPERS.

( PRINTED IN ADDIS ABABA )

NOVEMBER, 1988

Y E A R *	REVOLUTIONARY POLICE			
	PRINTED	SOLD	DONATED	RETAINED
1984/85	1,892,600	1,888,468	3,892	240
1985/86	1,670,500	1,665,532	4,968	240
1986/87	1,414,000	1,410,449	3,505	-
1987/88	1,959,440	1,956,416	3,024	46
1988/89	2,396,200	2,391,104	5,096	-

\* YEAR ENDING JULY 7.

SOURCE:- POLICE HEAD QUARTERS.

TABLE N 5:- NUMBER OF COPIES OF NEWS PAPERS PRINTED IN ASMARA.

Y E A R *	ETHIOPIA				HIBRATE			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1984/85	239,807	236,342	3,465	-	1,170,352	1,152,521	17,831	-
1985/86	250,609	245,793	326	4,490	1,276,448	1,254,097	2,348	20,003
1986/87	241,500	237,021	4,479	-	1,247,548	1,227,907	19,641	-
1987/88	244,135	239,287	4,585	263	1,264,660	1,242,936	20,114	1,610
1988/89	239,200	224,126	14,508	566	1,265,000	1,197,654	64,994	2,352

\* 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.

Y E A R *	YEKATIT **				REOTEALEM			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1984/85	132,500	128,422	3,194	884	25,773	24,017	1,396	360
1985/86	80,500	77,428	1,196	1,876	11,900	7,375	3,536	989
1986/87	60,500	58,027	1,608	865	11,900	7,254	910	3,736
1987/88	135,275	131,920	2,627	728	20,060	9,243	1,565	9,252
1988/89	110,500	107,799	2,293	408	18,500	19,918	1,441	7,341

\* YEAR ENDING JULY 7.

\*\* MONTHLY IN AMHARIC, QUARTERLY IN ENGLISH.

SOURCE:- MINISTRY OF INFORMATION.

SOURCE:- MEMBERSHIP OF THE ASSOCIATION

**TABLE N 7 :- NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND  
MESKEREM ( MAGAZINE )  
(PRINTED IN ADDIS ABABA)**

Y E A R *	ETHIOPIAN MEDICAL JOURNAL				MESKEREM			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1984/85	2,400	1,600	200	600	350,581	350,503	78	-
1985/86	2,400	1,600	600	200	389,994	389,916	78	-
1986/87	650	75	550	25	560,000	559,896	104	-
1987/88	3,200	2,140	836	224	560,000	560,000	-	-
1988/89	3,000	308	2,120	172	560,000	560,000	-	-

\* YEAR ENDING JULY 7.

SOURCE:- 1. ETHIOPIAN MEDICAL ASSOCIATION

2. THE CENTRAL COMMITTEE OF THE WORKERS' PARTY OF ETHIOPIA.

TABLE N8:- CIRCULATION OF NEWS PAPERS BY ADMINISTRATIVE REGION\*

ADMINISTRATIVE REGION	1984/85			1985/86			1986/87		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
Arssi	222,293	21,506	243,799	189,482	20,032	209,514	186,132	19,544	205,676
Bale	139,410	9,685	149,095	163,125	16,119	179,244	161,520	13,407	174,927
Eritrea	1,000,983	123,297	2,233,953	830,290	132,677	2,157,061	805,956	1,301,135	2,107,091
Gamo Gofa	65,200	5,210	70,410	81,400	6,507	86,907	80,420	8,654	89,074
Gojjam	385,043	26,391	411,434	432,567	28,814	461,381	427,980	28,984	456,964
Gonder	117,715	15,577	133,292	183,264	14,353	197,617	180,980	14,645	195,625
Hararghe	980,064	107,035	1,087,099	898,863	106,947	1,005,810	895,736	112,130	1,007,866
Illubabor	267,865	30,320	298,185	277,950	31,460	309,410	275,560	31,070	306,630
Keffa	355,283	29,580	384,863	341,007	29,507	370,514	338,192	30,107	368,299
Shewa	1,841,218	104,878	1,946,096	1,503,182	97,486	1,600,668	1,897,349	102,302	1,999,651
Sidamo	565,822	43,561	609,383	576,651	47,549	624,200	572,496	47,852	620,348
Tigray	135,700	10,685	146,385	139,795	10,923	150,718	149,560	10,939	160,499
Wellega	169,815	14,600	184,415	233,741	22,420	256,161	230,820	22,339	253,159
Wollo	406,058	26,550	432,608	369,617	23,842	393,459	365,872	23,516	389,388
Addis Ababa	4,627,338	175,304	6,380,642	4,470,875	1,725,852	6,196,727	4,366,123	1,710,665	6,076,788
Assab	-	-	-	-	-	-	146,804	21,259	168,063
TOTAL	11,279,807	3,431,852	14,711,659	10,691,809	3,507,582	14,199,391	11,081,500	3,498,548	14,580,048

TABLE N8 (CONT'D)

ADMINISTRATIVE REGION	1987/88			1988/89		
	AMHARIC	OTHERS	TOTAL	AMHARIC	OTHERS	TOTAL
Arssi	189,234	20,427	209,661	185,055	18,768	203,823
Bale	164,062	13,865	177,927	160,520	12,631	173,151
Eritrea	822,923	1,313,209	2,136,132	815,543	1,329,971	1,145,514
Gamo Gofa	82,922	9,669	92,591	79,462	7,833	86,795
Gojjam	430,574	29,259	459,833	430,530	32,260	462,790
Gonder	183,422	15,053	198,475	180,045	13,184	193,229
Hararghe	895,738	109,917	1,005,655	892,400	111,999	1,004,399
Illubabor	278,362	31,875	310,237	270,660	30,294	300,954
Keffa	340,734	30,479	371,213	341,219	31,726	372,945
Shewa	1,749,404	102,711	1,852,115	1,745,500	103,476	1,848,976
Sidamo	574,830	47,871	622,701	571,310	42,618	613,928
Tigray	156,162	11,605	167,767	149,280	9,814	159,094
Wellega	230,422	23,105	253,527	231,585	21,510	253,095
Wella	368,674	24,181	392,855	361,735	21,918	383,653
Addis Ababa	4,472,166	1,702,915	6,175,081	4,480,485	1,697,940	6,178,389
Assab	149,506	22,019	171,525	145,537	18,420	163,955
<b>TOTAL</b>	<b>11,089,135</b>	<b>3,508,160</b>	<b>14,597,295</b>	<b>11,040,866</b>	<b>3,503,862</b>	<b>13,544,700</b>

YEAR ENDING JULY 7.

SOURCE:- MINISTRY OF INFORMATION.