

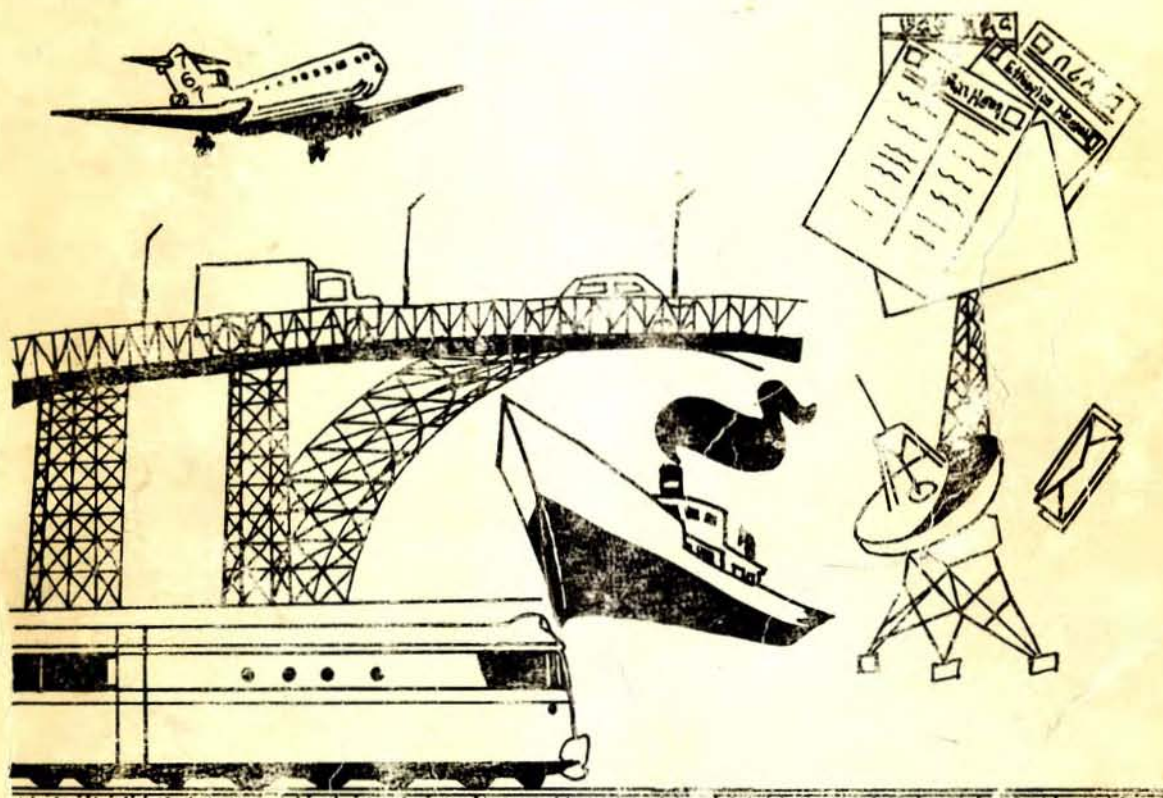
THE PROVISIONAL MILITARY GOVERNMENT OF  
SOCIALIST ETHIOPIA

OFFICE OF THE NATIONAL COMMITTEE FOR  
CENTRAL PLANNING

CENTRAL STATISTICAL OFFICE

TRANSPORT AND COMMUNICATIONS STATISTICS

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ADDIS ABABA, FEBRUARY 1986

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STATISTICAL BULLETIN

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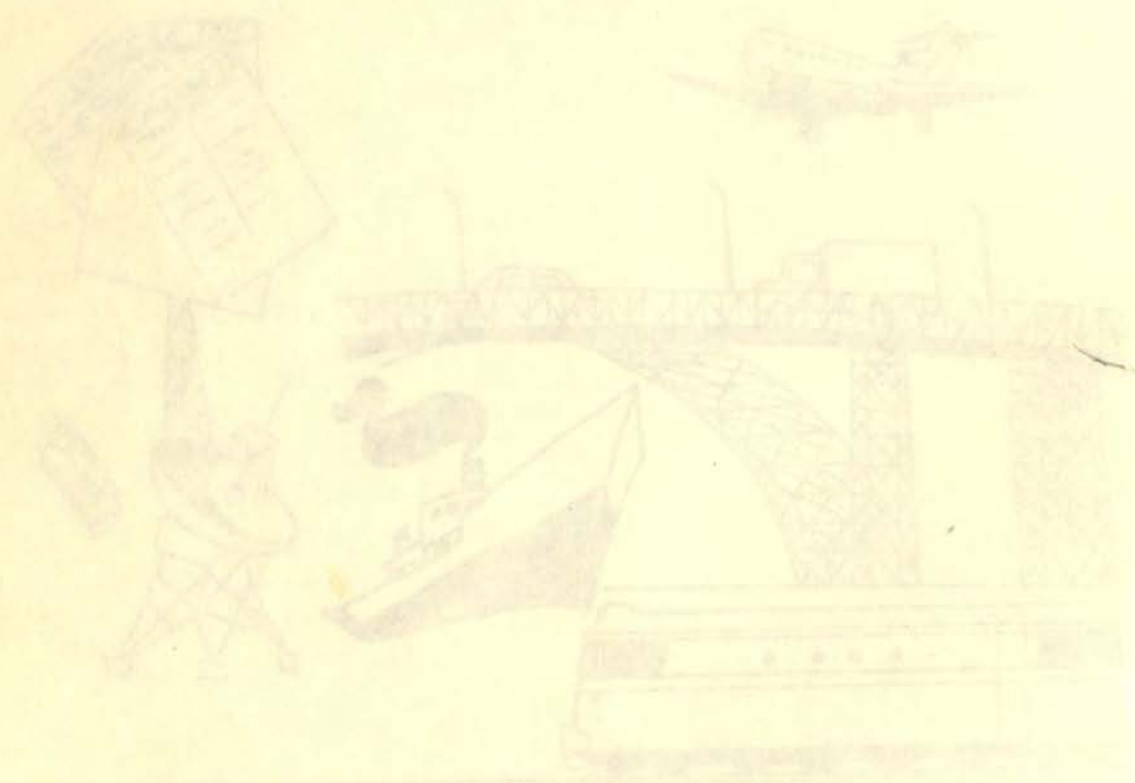
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1986

THE PROHIBITION OF MILITARY GOVERNMENT OF  
SOCIALIST ETHIOPIA  
OFFICE OF THE NATIONAL COMMITTEE FOR  
CENTRAL PLANNING  
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TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA FEBRUARY 1986

STATISTICAL BULLETIN

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## Introduction

Transport and Communications Sector in Ethiopia is playing a considerable multi - purpose role towards the promotion of development objectives in national building. The sector's contribution to the national product and/or wealth of the country and its claim of a large share of the government's financial and other resources have necessitated the collection, compilation and presentation of a background information related to the sector.

The collection of such information makes it possible to formulate and then implement development plans and to determine the role accomplished by the sector in the national economy. Hence, the Central Statistical Office (C.S.O) presents a relatively better and detailed, if not comprehensive, statistical information than what is provided in the Annual Statistical Abstract of Ethiopia, published and issued by the Office.

In this extent, assuming that future issues will be wider both in scope and area of activity, this publication is the eighth annual series prepared and issued by C.S.O. The general presentation of the statistics of the preceding issues has been retained; what is new in this bulletin is that data on the number of employees engaged in some of the systems of transport and communication activities has been presented by sex.

This series, as the previous issues of the bulletin, contains statistical information on the different modes of transport and communication systems. In the first part of the bulletin data on the activities, of the transport sector is presented. A number of tables

and graphs concerning road, railway, harbour and aviation statistics are included. The second part contains communications statistics particularly of data on Telecommunications, postal, broadcasting and press services.

Besides, effort has been made to arrange the tables and graphs in such a manner that the user will interpret them readily and easily.

The cooperation of government and non-government institutions is an important ingredient to the publication of the bulletin. Hence the C.S.O would like to express its appreciation to its sources of information and welcomes comments and suggestions in the improvement of this publication.

Note:-

1. The data in this bulletin relate to Gregorian and Ethiopian Budget Year against which they are shown. The budget year starts on July 08th of a year.
2. Figures may not add up to totals because of rounding.
3. The following symbols have been used:-
  - " - " nil or negligilbe.
  - "..." Data not available.

## I. TRANSPORT STATISTICS

### Road Statistics

The statistics in this section deals with the number of imported, inspected, old and new motor vehicles, length of all weather roads by type and administrative region, driving licences issued and road traffic accidents.

From 1980 to 1983 the over all number of imported motor vehicles had shown a steady increase. In 1983 it has increased by 35 percent as compared to the level in 1980. The increase in 1983 over that of the preceding years was attributable to the growth in imports of lorries and trucks of various use and carrying capacity and of buses. However, in 1984 their number declined to 3,460 as compared to 3,841 in 1983. Between 1980 and 1982 the import of passenger cars has recorded a remarkable increase. The highest figure in the number of imported passenger cars was in the year 1982, which was a 112 percent rise over the level in 1980. In 1983 and 1984 the import of passenger cars fell to 1150 and 1137, respectively. As indicated in Table R1, between 1980 and 1981 imports of lorries and trucks of various use and carrying capacity increased significantly. However, in 1982 a decline of some 35 percent as compared to the level in 1981 is recorded, once again in 1983 this condition improved to the level of 1242 and thereafter in 1984 the figure slightly declined. The import of station wagons showed ups and downs from 1980 to 1984.

Table R2 and R3 provide the total number of road motor vehicles inspected in Ethiopia, while Table R4 shows those inspected in Addis Ababa. In 1983/84 there were 62,668 vehicles inspected in the country out of which 43,927 were inspected in Addis Ababa. In each of the years 1979/80 through

1983/84, out of the total motor vehicles inspected in Ethiopia, over 50 percent were in Addis Ababa. It should be noted that the total number of vehicles inspected does not necessarily mean total number of vehicles in the country as, for example, military vehicles and those which are in garages for repair are not usually included.

The total length of all weather roads in Ethiopia by type, region and year are shown in Tables R5 and R6. From 1979/80 to 1983/84 a steady increase in the length of all weather roads can be noted. In 1983/84 the length of all weather roads in the country increased by 51 percent as compared to the level in 1979/80. In 1983/84 the total length of all weather roads were 16886 KMS., out of which 13,065 KMS. were gravel. It must be clear that for the over all increase in the length of all weather roads in the country, expansion and development of rural roads has contributed significantly.

Table R7 sets out informations on the number of driving licences issued by nationality and sex. Between 1979/80 and 1981/82 the issuance of total licences steadily increased. Thereafter in 1982/83, the figure dropped by 10 percent as compared to 1981/82 and in 1983/84 it increased by 3 percent over the preceding year's level.

The last three tables deal with motor vehicles accidents. In 1983/84 the total number of accidents in Ethiopia increased by 36 percent from its level in 1978/79. In the same period the increment in total accidents for Addis Ababa, was 61 percent.

Data on road motor vehicle accidents in Ethiopia and Addis Ababa by type of vehicles involved in accidents is provided for the first time in this Bulletin.

(IN NUMBER)

2000

# MOTOR VEHICLE ACCIDENTS IN MALAYSIA

- CARS
- BUSES
- STATION WAGONS
- LORRIES & TRUCKS

1500

1000

500

0

1980

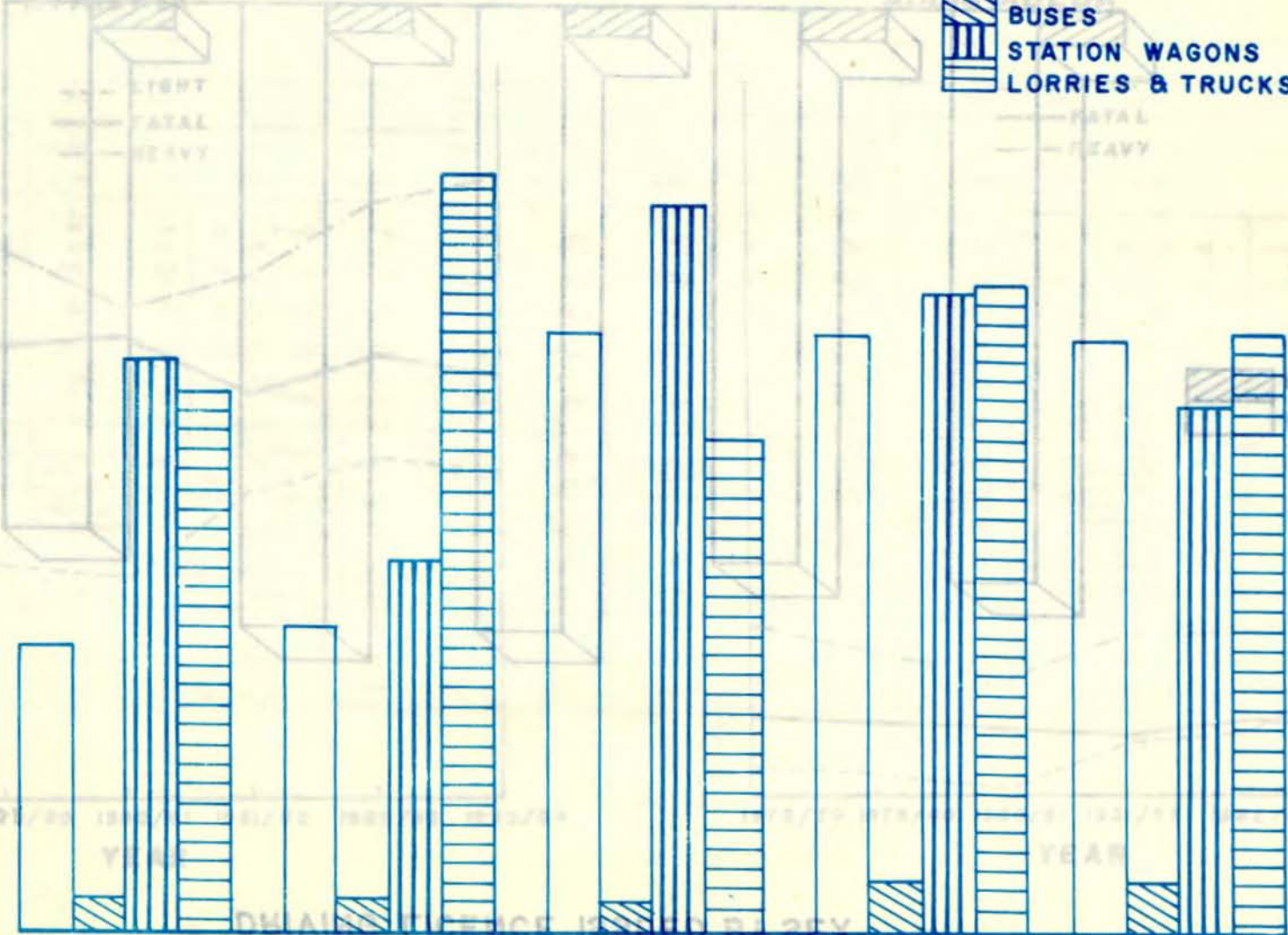
1981

1982

1983

1984

YEAR



# DRIVING LICENCE ISSUED BY SEX

(IN '000)

30

20

10

0

5000

0

1979/80

1980/81

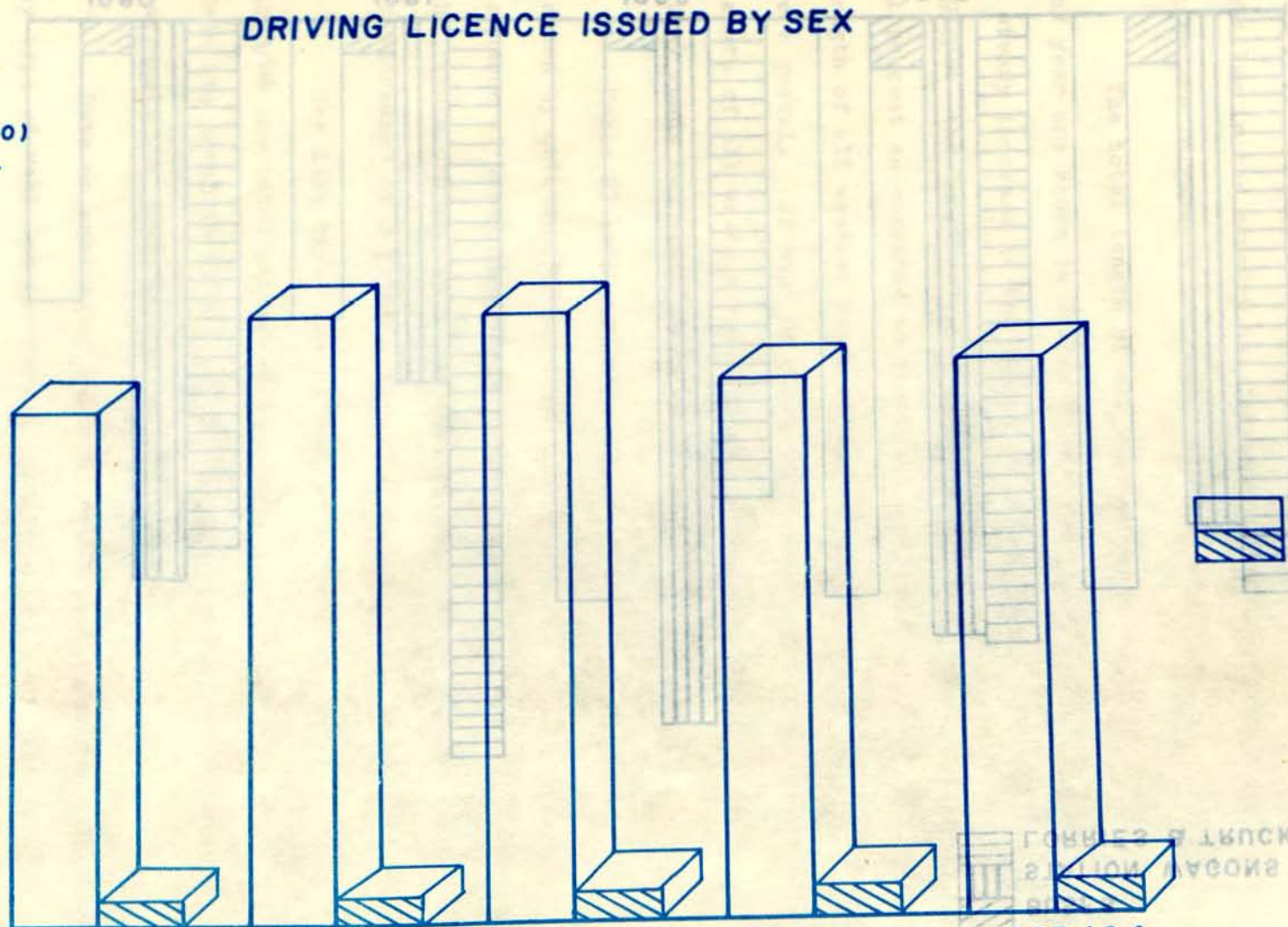
1981/82

1982/83

1983/84

YEAR

MALE  
FEMALE

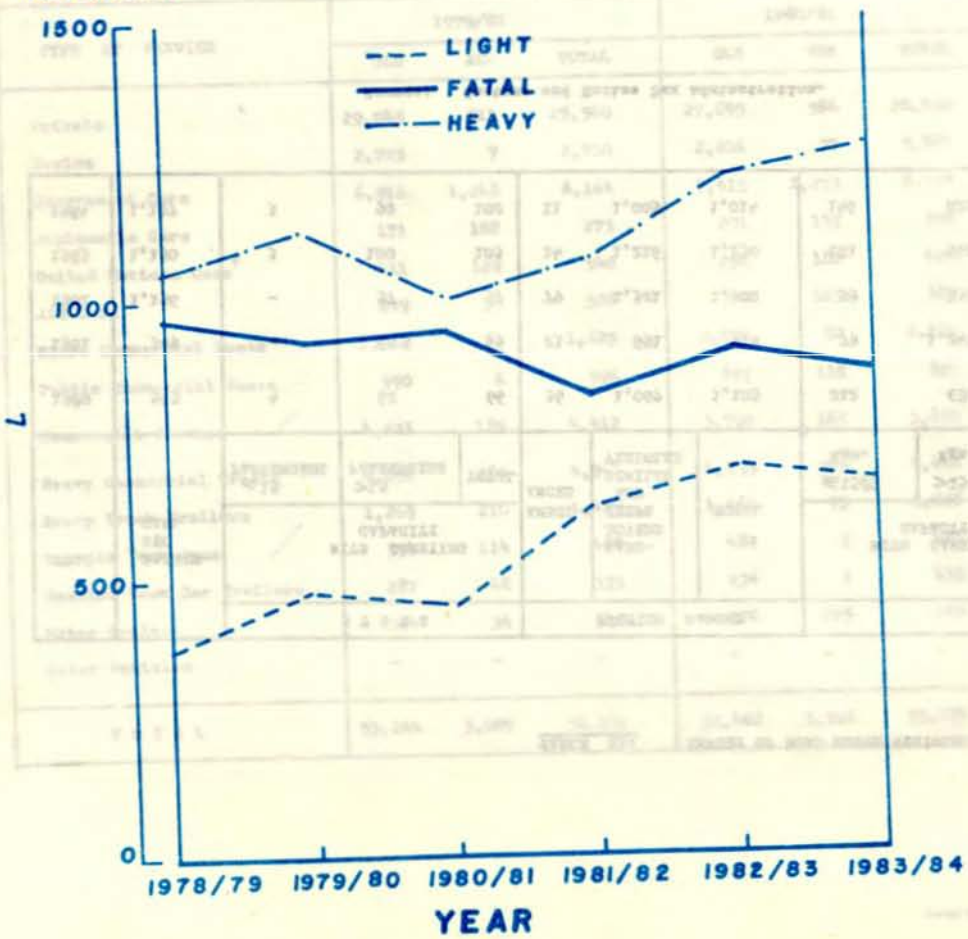


(IN NUMBER)

IMPORT OF ROAD VEHICLES BY TYPE

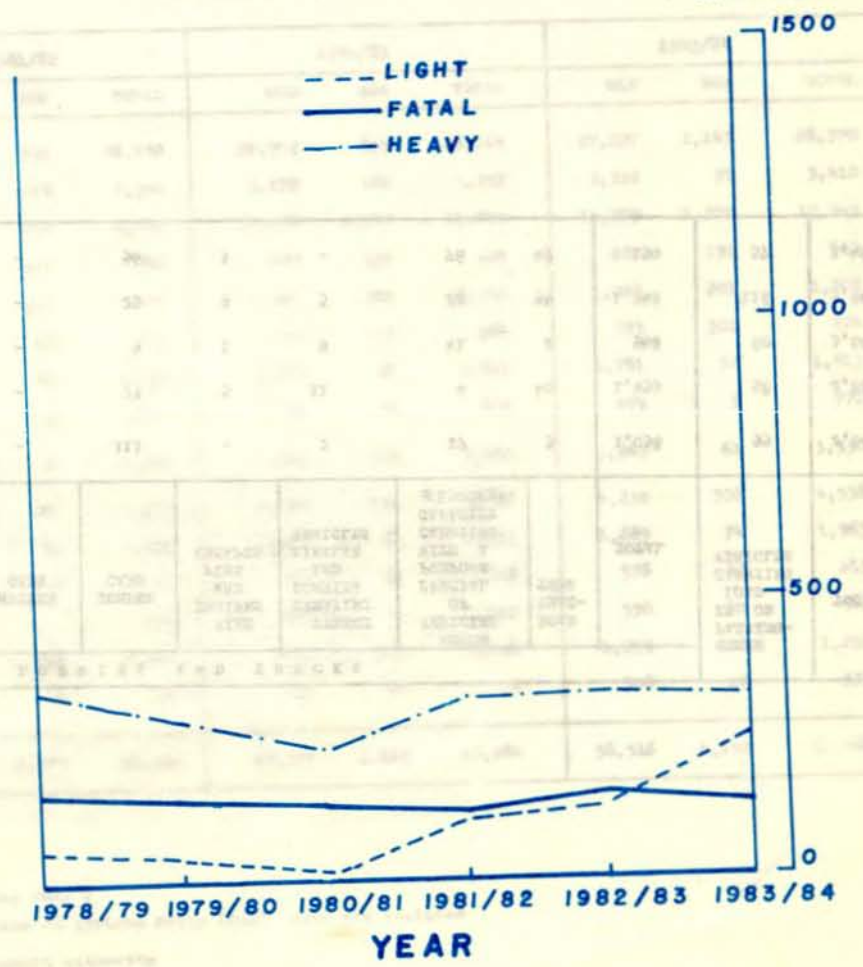
# MOTOR VEHICLE ACCIDENTS IN ETHIOPIA

IN NUMBER



# MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA

IN NUMBER



# DRIVING LICENCE ISSUED BY SEX

AEVH

AEVH

**TABLE B1: IMPORT OF ROAD MOTOR VEHICLES BY TYPE**

YEAR	PASSENGER CARS	BUSES			STATION WAGONS			LORRIES AND TRUCKS										OTHER PASSENGER OR LOAD CARRYING VEHICLES	TOTAL
		WITH CARRYING CAPACITY			AMBULANCES	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									
1980	545	4	62	66	36	1,067	1,103	212	688	900	-	111	-	7	17	3	1,038	95	2,847
1981	589	-	65	65	23	691	714	79	1,247	1,326	-	73	5	11	4	40	1,459	58	2,885
1982	1,156	-	57	57	79	1,321	1,400	59	832	891	-	4	1	9	41	2	948	80	3,641
1983	1,150	3	100	103	14	1,216	1,230	181	942	1,123	-	29	9	5	22	54	1,242	116	3,841
1984	1,137	3	99	102	11	1,003	1,014	146	822	968	-	56	3	-	76	47	1,150	57	3,460

Source: Customs and Excise Tax Administration.

MOTOR VEHICLE ACCIDENTS IN

MOTOR VEHICLE ACCIDENTS IN

TABLE R2:

NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED IN ETHIOPIA BY TYPE OF SERVICE

TYPE OF SERVICE	1979/80			1980/81			1981/82			1982/83			1983/84		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
Private	29,049	511	29,560	27,895	564	28,459	28,029	401	28,430	27,909	855	28,764	27,227	1,143	28,370
Taxis	2,703	7	2,710	2,806	77	2,883	3,183	119	3,302	3,177	180	3,357	3,319	91	3,410
Government Cars	6,916	1,248	8,164	7,415	1,253	8,668	7,892	870	8,762	10,358	1,247	11,605	11,575	1,370	12,945
Diplomatic Cars	171	102	273	201	157	358	157	213	370	488	136	624	472	191	663
United Nations Cars <sup>+</sup>	411	129	540	292	182	474	715	229	944	1,011	255	1,266	1,007	201	1,208
Aid Cars	249	59	308	282	103	385	444	67	511	450	114	564	573	301	874
Micro Commercial Buses	1,562	63	1,625	2,054	92	2,146	1,758	24	1,782	2,009	62	2,071	1,781	32	1,813
Public Commercial Buses	990	6	996	767	128	895	998	21	1,019	766	56	822	699	3	772
Commercial Pickups	4,223	189	4,412	3,700	163	3,863	3,562	98	3,660	3,340	140	3,480	2,269	61	3,330
Heavy Commercial Trucks	4,656	285	4,941	4,195	245	4,440	4,325	187	4,512	4,144	151	4,295	4,230	308	4,538
Heavy Truck Trailors	1,269	210	1,479	1,565	73	1,638	1,604	59	1,663	1,564	69	1,633	1,889	74	1,963
Benzine Tank Cars	354	114	468	482	1	483	573	17	590	582	28	610	578	37	615
Benzine Tank Car Trailors	287	48	335	436	3	439	481	-	481	510	7	517	530	10	540
Motor Cycles	304	36	340	378	275	653	783	566	1,349	995	303	1,298	1,059	233	1,292
Other Vehicles	-	-	-	-	-	-	15	4	19	34	44	78	308	27	335
TOTAL	53,144	3,007	56,151	52,468	3,316	55,784	54,519	2,875	57,394	57,337	3,647	60,984	58,516	4,152	62,668

\* Year Ending July 7

+ Organization of African Unity (OAU) cars are included

Source : Road Transport Authority

TABLE B31

NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED BY ADMINISTRATIVE REGION\*

ADMINISTRATIVE REGION	1979/80			1980/81			1981/82			1982/83			1983/84		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSSI	1,222	34	1,256	1,393	22	1,415	1,463	1	1,464	1,393	15	1,408	1,378	23	1,401
BALE	-	-	-	36	181	217	196	13	209	255	7	262	264	62	326
ERITREA	4,973	9	4,982	3,884	3	3,887	4,946	23	4,969	5,287	226	5,513	5,200	94	5,294
GANO GOFA	74	-	74	-	-	-	46	12	58	160	-	160	165	9	174
GCJJAM	476	-	476	554	-	554	522	-	522	571	-	571	430	-	430
GONDAR	787	8	795	878	25	903	636	1	637	817	-	817	737	7	744
HARARGHE	1,131	18	1,149	1,547	27	1,574	1,610	4	1,614	1,703	27	1,730	1,696	-	1,696
ILLUBABOR	-	-	-	122	9	131	42	-	42	46	-	46	138	6	144
KEFFA	870 <sup>+</sup>	3 <sup>+</sup>	873 <sup>+</sup>	865	59	924	1,104	-	1,104	1,014	1	1,015	1,183	29	1,212
SHEWA	40,905	2,924	43,829	39,653	2,916	42,569	40,199	2,812	43,011	42,198	3,351	45,549	43,872	3,887	47,759
SIDAMO	1,238	7	1,245	1,156	7	1,163	1,121	-	1,121	1,222	9	1,231	1,214	15	1,229
TIGRAI	421	-	421	424	-	424	384	4	388	378	-	378	287	-	287
WOLLEGA	366	1	367	406	16	422	542	-	542	560	1	561	440	-	440
WELLO	681	3	684	663	47	710	880	5	885	969	10	979	801	18	819
ASSAB ADMINISTRATION	-	-	-	897	4	901	828	-	828	764	-	764	711	2	713
T O T A L	53,144	3,007	56,151	52,478	3,316	55,794	54,519	2,875	57,394	57,337	3,647	60,984	58,516	4,152	62,668

\* Year Ending July 7 .

+ Includes Motor Vehicles inspected in Illubabor.

Source : Road Transport Authority

**TABLE B4: NUMBER OF OLD AND NEW MOTOR CARS INSPECTED IN ADDIS ABABA**

YEAR*	PRIVATE			GOVERNMENT			DIPLOMATIC			UNITED NATIONS			AID			TOTAL		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
1979/80	23,691	475	24,166	4,753	1,237	5,990	134	102	236	385	129	514	189	59	248	29,152	2,002	31,154
1980/81	23,123	557	23,680	4,739	1,165	5,904	201	157	358	242	177	419	228	103	331	28,533	2,159	30,692
1981/82	22,736	389	23,125	4,827	869	5,696	157	213	370	661	228	889	343	67	410	28,724	1,766	30,490
1982/83	22,460	801	23,261	6,388	1,079	7,467	488	136	624	943	254	1,197	428	114	542	30,707	2,384	33,091
1983/84	27,227	1,143	28,370	11,575	1,370	12,945	472	191	663	897	178	1,075	573	301	874	40,744	3,183	43,927

\* Year Ending July 7

\* O A U Cars (20 New and 28 Old) are included

Source : Road Transport Authority

**TABLE R5: LENGTH OF ALL WEATHER ROADS BY TYPE (KM)**

YEAR**	GRAVEL*	ASPHALT	TOTAL
1979/80	7,638	3,515	11,153
1980/81	8,778	3,783	12,561
1981/82	9,013	4,055	13,068
1982/83	12,399	3,768	16,167
1983/84	13,065	3,821	16,886

\* Gravel includes Service to traffic  
 \*\* Year Ending July 17

Source: Ethiopian Transport Construction Authority

TABLE R6: LENGTH OF ALL WEATHER ROADS (IN KMS.) BY TYPE AND ADMINISTRATIVE REGION\*

ADMINISTRATIVE REGION	1982/83			1983/84		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSSI	140	62	202	140	62	202
BALE	225	-	225	230	-	230
ERITREA	332	567	899	332	567	899
GAMO GOFA	225	-	225	225	-	225
GOJJAM	808	91	899	827	91	918
GONDAR	867	15	882	859	23	882
HARARGHE	1,419	337	1,756	1,419	337	1,756
ILLUBABOR	370	125	495	438	125	563
KEFFA	766	208	974	783	208	991
SHEWA	1,262	1,271	2,533	1,254	1,290	2,544
SIDAMO	562	454	1,016	536	480	1,016
TIGRAI	563	37	600	563	37	600
WOLLEGA	829	-	829	875	-	875
WELLO	422	601	1,023	422	601	1,023
TOTAL	8,790	3,768	12,558	8,903	3,821	12,724
RURAL ROADS			3,609			4,162
GRAND TOTAL			16,167			16,886

\* Year Ending July 7

Source : Ethiopian Transport Construction Authority

TABLE R7: NUMBER OF DRIVING LICENCES ISSUED BY NATIONALITY AND SEX

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1979/80	20,265	1,012	21,277	66	43	109	21,386
1980/81	23,935	1,104	25,039	60	25	85	25,124
1981/82	24,010	1,148	25,158	75	55	130	25,288
1982/83	21,280	1,213	22,493	71	70	141	22,634
1983/84	21,961	1,240	23,201	74	41	115	23,316

\* Year Ending July 7

Source : Road Transport Authority

TABLE R8: MOTOR VEHICLES ACCIDENT IN ETHIOPIA

Year*	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
1978/79	375	1,051	965	860	3,251	199	780	91	1,070	394	2,870	133	3,397
1979/80	479	1,124	924	1,016	3,543	228	719	95	1,042	562	2,459	159	3,180
1980/81	450	1,005	934	988	3,377	246	752	100	1,098	571	2,472	161	3,204
1981/82	623	1,068	829	1,128	3,648	255	649	82	986	576	2,298	179	3,053
1982/83	693	1,211	896	1,436	4,236	265	719	97	1,081	733	2,655	229	3,617
1983/84	663	1,271	865	1,624	4,423	249	690	90	1,029	787	2,627	221	3,635
	3283	6730	5413	7050	22478	1442	4309	575	6306	3623	15381	1082	20,086

15,426

\* Year Ending July 7

\*\* 19 - 55 Years of age.

Source: Police Headquarters, Addis Ababa

TABLE R9: MOTOR VEHICLES ACCIDENT IN ADDIS ABABA

Year*	TOTAL NUMBER OF ACCIDENTS					NUMBER OF DEATHS				NUMBER OF PERSONS INJURED			
	Light	Heavy	Fatal	Property Damage	Total	Yong	Matured**	Old	Total	Young	Matured**	Old	Total
1978/79	57	346	166	282	851	41	105	32	178	120	330	41	491
1979/80	46	284	145	277	752	36	106	18	160	107	265	29	401
1980/81	10	237	136	168	551	31	89	22	142	97	186	32	315
1981/82	104	321	122	220	767	43	70	15	128	135	301	39	475
1982/83	131	356	146	295	928	47	85	22	154	200	325	45	570
1983/84	251	338	141	640	1,370	47	73	24	144	210	399	70	679

\* Year Ending July 7

\*\* 19 - 55 Years of age

Source: Police Headquarters, Addis Ababa.

TABLE R10: NUMBER OF ROAD MOTOR VEHICLES' TRAFFIC ACCIDENT IN ETHIOPIA AND IN ADDIS ABABA BY TYPE OF VEHICLE\*

VEHICLES INVOLVED BY TYPE	1980/81		1981/82		1982/83		1983/84	
	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa
Private	650	272	707	344	800	382	814	480
Taxies	164	60	170	83	222	126	217	185
Buses	340	38	379	59	481	63	483	98
Trucks	734	50	798	93	899	106	939	122
Government Cars	794	45	855	92	1,066	141	1,165	325
Military Cars	395	42	367	40	405	57	428	62
Diplomatic Cars	12	9	26	16	20	11	34	24
United Nations Cars	19	11	27	11	35	15	43	35
Motorcycles	65	11	69	11	64	9	64	18
Cycles	46	2	88	-	65	2	54	-
Cart	21	-	39	-	47	-	44	-
Special Vehicles	95	1	83	1	72	-	81	-
Others	42	10	40	17	60	16	57	21
TOTAL	3,377	551	3,648	767	4,236	928	4,423	1,370

\* Year Ending July 7

Source : Police Headquarters, Addis Ababa

## Railway Statistics

Tables relating to railway operations refer to services rendered by Ethio - Djibouti Railway Company. The line, which is 781 Kms. in length, operates between Addis Ababa and the port city of Djibouti and serves in handling passenger and freight traffic. Besides transporting imports and exports of freight and international passengers, local goods and passengers are also being carried by the railway.

Railway statistics treated here relate to number of employees engaged, number of rolling stocks, quantity of freight, number of passengers and financial stand of the railway company.

In 1983/84 total number of employees, which increased by only 8 persons from that of 1982/83, stand at 2520, out of this 2152 are Ethiopians and the rest 368 Djiboutians. Female employees are only 3.7 percent of the total employed. Note that data on the number of employees by sex is given here for the first time.

Total number of rolling stocks remained constant from 1979/80 to 1982/83. In 1983/84, however, with the exception in the number of freight cars, which showed no sign of change, other rolling stocks have increased their number. As revealed in Table W3 total number of rolling stocks has reached 745 in 1983/84 recording about 4 percent increment over the previous years.

Number of passengers in 1983/84 declined to 1.1 million, the lowest in the period under discussion, as can be seen in Table W4. This is mainly attributed to the decline in the number of third class passengers, who are dominant of all passengers. It should be borne in mind that third class passengers are about 95 percent of the total passengers throughout the years under review.

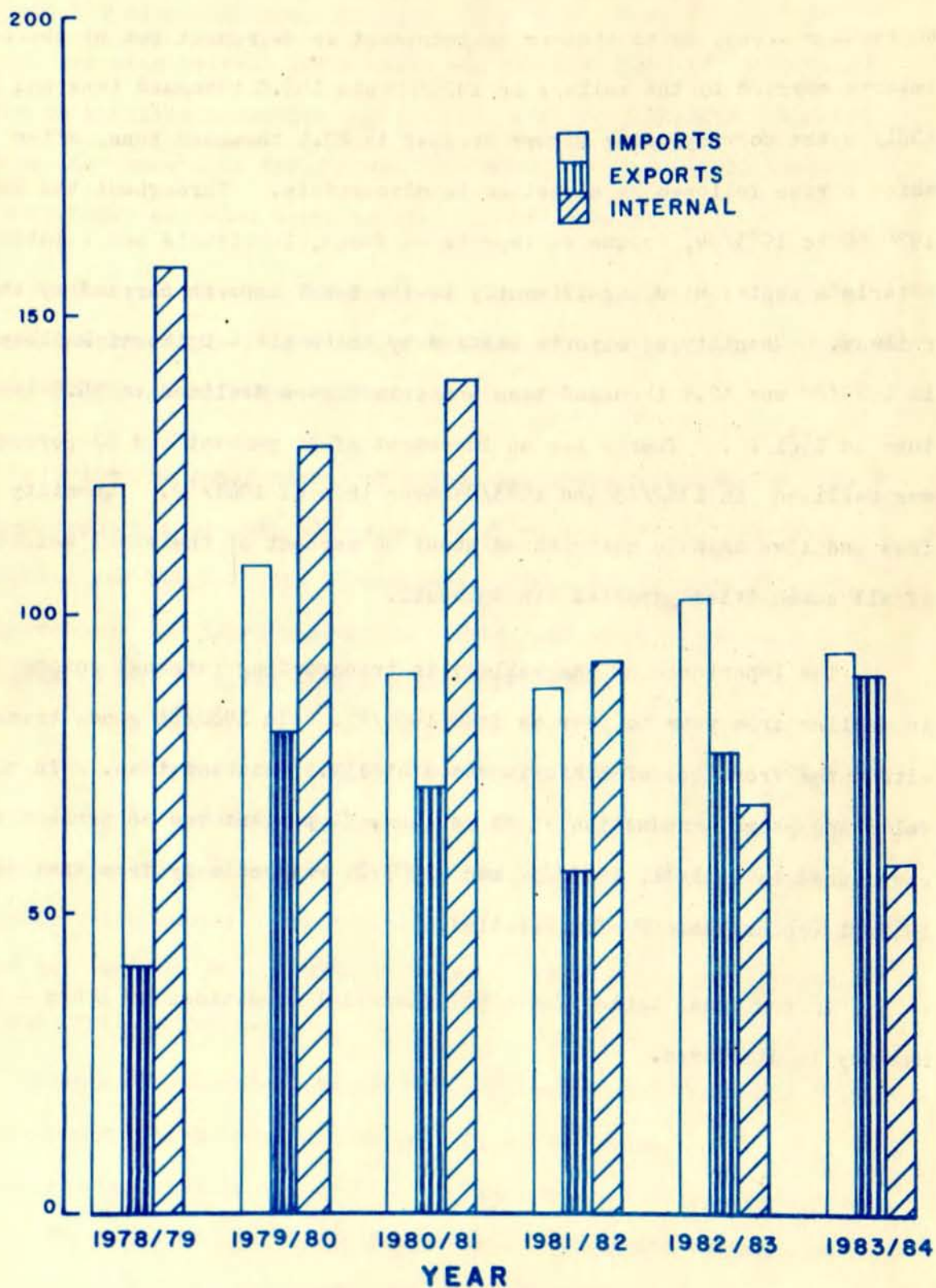
Tables W5 and W6 deal with data on imports and exports of commodity carried by Ethio - Djibouti Railway. As can be detected from the tables no regular trend, as to whether an increment or decrement can be observed. Imports carried by the railway in 1979/80 was 108.0 thousand tons and in 1981/82 the corresponding figure dropped to 87.5 thousand tons, after which a rise followed by a decline is discernible. Throughout the years 1979/80 to 1983/84, volume of imports of fuels, lubricants and related materials contributed significantly to the total imports carried by the railway. Quantity of exports handled by the Ethio - Djibouti Railway in 1979/80 was 80.4 thousand tons and this figure declined to 56.9 thousand tons in 1981/82. Thereafter an increment of 35 percent and 57 percent was realized in 1982/83 and 1983/84 over that of 1981/82. Quantity of food and live animals contributed about 90 percent of the total weight of all commodities exported via Djibouti.

The importance of the railway in transporting internal commodities is decling from year to year as from 1980/81. In 1980/81 goods transported within the frontiers of Ethiopia stood at 139.1 thousand tons. In the following years a reduction of 33 percent, 51 percent and 58 percent was registered in 1981/82, 1982/83 and 1983/84 respectively from that of 1980/81 (refer Table W7 for details).

In the final table (Table W8) financial conditions of Ethio - Djibouti Railway is displayed.

# INTERNAL TRANSPORT OF GOODS, IMPORTS AND EXPORTS CARRIED BY THE ETHIO-DJIBOUTI RAILWAY

IN '000 TONS)



**TABLE W2: NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY NATIONALITY AND SEX**

YEAR*	NUMBER OF EMPLOYEES						GRAND TOTAL
	ETHIOPIANS			DJIBUTIANS			
	Male	Female	Total	Male	Female	Total	
1979/80	...	...	2,165	...	...	328	2,493
1980/81	...	...	2,105	...	...	340	2,445
1981/82	...	...	2,122	...	...	345	2,467
1982/83	...	...	2,149	...	...	363	2,512
1983/84	2,063	89	2,152	364	4	368	2,520

**TABLE W3: NUMBER OF ROLLING STOCKS OF THE ETHIO-DJIBOUTI RAILWAY\***

	1979/80	1980/81	1981/82	1982/83	1983/84
Length of Railways (Kms.)	781	781	781	781	781
Rolling Stocks (number)					
i) Steam Locomotives and Locotactors	5	5	5	5	7
ii) Diesel-Electric Locomotives	21	21	21	21	30
iii) Passenger Cars	45	45	45	45	57
iv) Freight Cars	630	630	630	630	630
v) Autorails	5	5	5	5	7
vi) Others	-	8	8	8	14

\* Year Ending July 7

Source: Ethio - Djibouti Railway.

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

SALARY GROUP	1982/83*							1983/84*						
	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total	
50 - 149	...	...	877	-	-	-	877	862	24	886	-	-	-	886
150 - 249	...	...	543	...	...	101	644	529	14	543	102	-	102	645
250 - 349	...	...	226	...	...	104	330	227	7	234	94	2	96	330
350 - 449	...	...	165	...	...	39	204	152	6	158	45	-	45	203
450 - 549	...	...	37	...	...	38	75	28	11	39	35	1	36	75
550 - 649	...	...	60	...	...	11	71	60	4	64	22	-	22	86
650 - 749	...	...	87	...	...	8	95	73	15	88	2	1	3	91
750 - 849	...	...	64	...	...	5	69	52	6	58	11	-	11	69
850 - 949	...	...	41	...	...	15	56	39	-	39	9	-	9	48
950 - 1049	...	...	24	...	...	10	34	19	1	20	11	-	11	31
1050 - 1149	...	...	8	...	...	9	17	6	-	6	9	-	9	15
1150 - 1249	...	...	4	...	...	6	10	4	-	4	7	-	7	11
1250 - 1349	-	-	-	...	...	2	2	-	-	-	3	-	3	3
1350 & above	...	...	13	...	...	15	28	12	1	13	14	-	14	27
<b>TOTAL</b>	...	...	<b>2,149</b>	...	...	<b>363</b>	<b>2,512</b>	<b>2,063</b>	<b>89</b>	<b>2,152</b>	<b>364</b>	<b>4</b>	<b>368</b>	<b>2,520</b>

\* Year Ending July 7

Source : Ethio - Djibouti Railway

TABLE 74: PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY

Year*	PASSENGERS ('000)			Passenger-Kms. (Million)	Average Kms. per Passenger	FREIGHT ('000 Tons)				Commerical Traffic Mill-Ton-Kms.	Average Kms. per Ton of Comm. Traffic
	1st and 2nd Class	3rd Class	Total			Import	Export	Internal Traffic	Total		
1979/80	60	1,280	1,340	247	184	108.0	80.0	128.0	316.0	148	468
1980/81	59	1,277	1,336	310	232	90.0	71.3	139.1	300.4	131	436
1981/82	56	1,148	1,204	307	255	87.5	56.9	92.5	236.9	108	456
1982/83	50	1,380	1,430	360	252	102.0	76.7	68.2	246.9	122	494
1983/84	64	1,050	1,114	268	240	93.4	89.1	58.0	240.5	117	484

\* Year Ending July 7

Source : Ethio-Djibouti Railway

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

C O M M O D I T Y	Q U A N T I T Y I N ' 0 0 0 T O N S				
	1979/80	1980/81	1981/82	1982/83	1983/84
Food and Live Animals	34.8	23.7	20.4	46.0	17.3
Beverages and Tobacco	-	-	-	0.1	-
Crude materials, except fuels	0.8	4.5	3.7	9.4	0.2
Fuels, lubricants and related materials	37.9	39.0	33.3	35.7	34.0
Animal and vegetable oils and fats	-	-	-	-	-
Chemicals	1.7	11.2	9.1	2.8	16.6
Manufactured articles	25.5	5.6	17.5	2.7	19.3
Machinery and transport equipment	2.1	3.4	2.1	2.3	1.9
Miscellaneous articles, n.e.s.	5.2	2.6	1.4	3.0	4.1
T O T A L	108.0	90.0	87.5	102.0	93.4

\* Year Ending July 7

Source : Ethio-Djibouti Railway

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

C O M M O D I T Y	Q U A N T I T Y I N ' 0 0 0 T O N S				
	1979/70	1980/81	1981/82	1982/83	1983/84
Food and Live Animals	72.0	65.0	55.0	69.7	84.5
Beverages and Tobacco	0.5	-	-	-	-
Crude materials, except fuels	0.6	1.4	0.6	2.5	0.3
Fuels, lubricants and related materials	-	-	-	-	-
Animal and vegetable oils and fats	-	-	-	-	-
Chemicals	-	0.1	-	-	-
Manufactured goods	3.9	0.1	0.3	0.1	0.3
Machinery and transport equipment	-	0.1	0.1	-	0.1
Miscellaneous articles, n.e.s.	3.4	4.3	0.8	4.4	3.9
T O T A L	80.4	71.3	56.9	76.7	89.1

\* Year Ending July 7

Source: Ethio-Djibouti Railway

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

C O M M O D I T Y	Q U A N T I T Y I N ' 0 0 0 T O N S .				
	1979/80	1980/81	1981/82	1982/83	1983/84
Food and Live Animals	85.0	96.6	65.4	39.9	35.7
Beverages and Tobacco	1.8	1.5	0.5	2.3	0.7
Crude materials, except fuels	7.6	8.5	6.2	2.0	3.9
Fuels, lubricants and related materials	1.0	0.6	0.6	0.7	0.4
Animal and vegetable oils and fats	-	-	-	-	-
Chemicals	3.0	2.0	0.8	1.0	0.6
Manufactured articles	23.0	23.7	14.8	17.8	13.6
Machinery and transport equipment	2.5	3.6	1.9	2.1	1.1
Miscellaneous goods, n.e.s.	3.9	2.6	2.2	2.3	2.0
T O T A L	127.8	139.1	92.4	68.1	58.0

\* Year Ending July 7

Source : Ethio-Djibouti Railway

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

Year*	REVENUE (IN '000 BIRR)				EXPENDITURE (IN '000 BIRR)			
	Passenger	Freight	Other	Total	Personnel	Material and Others	Provisions for Works & Renewal	Total
1979/80	5,800	13,527	300	19,627	13,162	7,517	1,413	22,092
1980/81	8,283	13,585	386	22,254	13,695	9,197	888	23,780
1981/82	10,066	12,747	690	23,503	14,194	8,134	2,327	24,655
1982/83	12,010	13,650	412	26,072	14,607	10,208	625	25,440
1983/84	9,176	13,616	514	23,306	12,762	14,307	553	27,622

\* Year Ending July 7

Source : Ethio-Djibouti Railway

## Harbour, Inland Waterways and Shipping Lines Statistics

This section presents data on the activities of ports, inland waterways and Ethiopian Shipping Lines Corporation, with particular emphasis on the number of ships that called at the ports, registered tonnage of vessels, cargo loaded and unload, passenger traffic and some other related items.

Table H1 and H2 sets out informations on the operations at Assab and Massawa Ports. The total number of ships that entered to these ports has steadily increased from 1978/79 to 1983/84 with some fluctuations in the period. The port of Assab is by far the most important and in 1982/83 handled almost 74 percent of the total number of ships that called at the two ports.

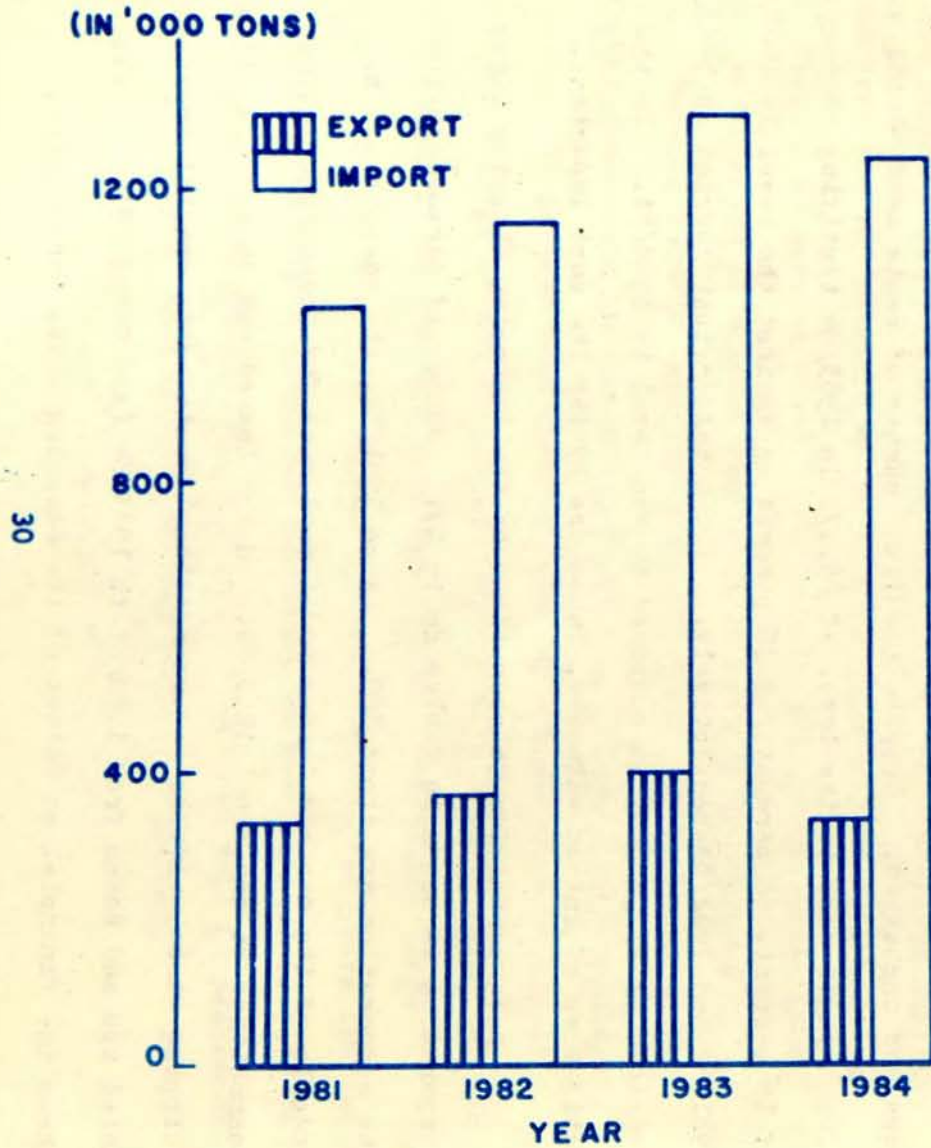
One of the indications of the change in the volume of external trade is the quantity of the goods loaded and unloaded at the ports. During the period under review cargo loaded at the port of Assab strictly increased from 462,273 metric tons in 1978/79 to 659,481 metric tons in 1983/84, (i.e. a 43 percent rise). Cargo unloaded, on the other hand, has registered around 11 percent increment in 1983/84 as compared to 1978/79. Between 1979/80 and 1983/84, the total number of incoming and outgoing passengers through the port of Assab slid down registering 89 percent and 95 percent reduction in incoming and outgoing passengers respectively. Cargo loaded at Massawa port depicts ups and downs between 1978/79 and 1983/84 recording a peak in 1980/81. Meanwhile cargo unloaded at this port display a virtual increase between the years indicated above. Minimum passenger traffic at Massawa port was recorded in 1978/79 while the maximum being in 1980/81, thereafter a general fall in passenger traffic can be observed save in 1983/84 (see Tables H3 and H4).

Between the years 1981 and 1983 volume of imports and exports through the port of Assab has shown a steady increase, but in 1984 volume of external trade through this port has declined. During 1981 to 1983, the total volume of exports and imports through the port increased by 19.4 percent and 25.8 percent respectively. In 1984 the volume of the country's exports through the port fell by 15 percent from its preceding year's level, at the same time the level by which imports fell were only by nearly 5 percent. Imports through the port of Massawa increased from 18,906 metric tons in 1981 to 172,031 metric tons in 1984 (i.e. an increment of about 9 times). Though at low level of equality, exports has also shown an upward trend from 1982 to 1984.

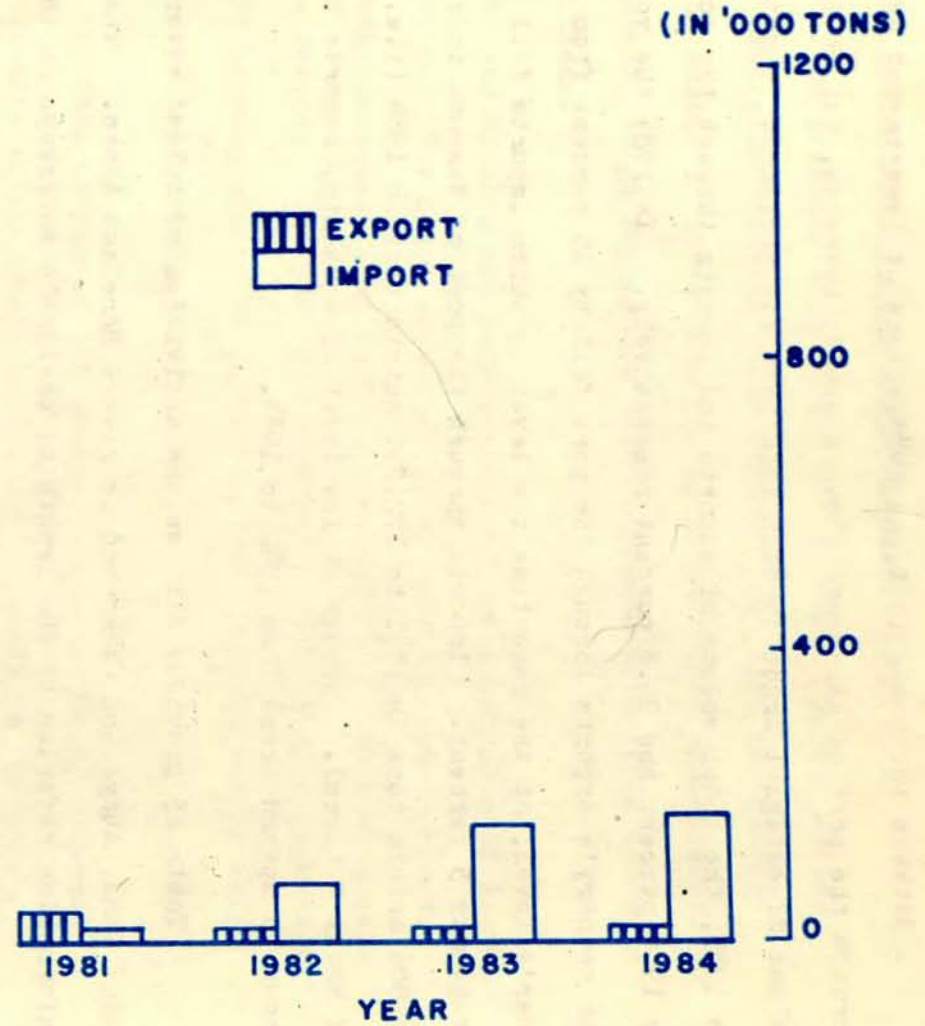
Table H5 provides data on the activities of inland waterways in lakes Tana, Abaya and Chamo and in rivers Baro and Akobo. There is no information referring to the length of navigable waterways in the country. Since 1980/81, the number of boats used in both the lakes and rivers remained unchanged. Despite the fixed number of boats used, total number of passenger rose to the level of 86,175 in 1983/84 testifying an increment of 15 percent, 58 percent and 38 percent as against the level in 1980/81, 1981/82 and 1982/83 respectively. Yet total freight carried in 1983/84 declined by 25 percent as compared to the level in 1980/81. In the activities of inland waterway, lakes are by far the most important.

Data pertaining to operations of the Ethiopian Shipping Lines Corporation is shown in Tables H6 to H9. Number of persons employed by the corporation are about 300. Since 1981/82, the corporation has 7 vessels of its own and leases additional ones for transshipment of commodities to and from Ethiopia. Cargo loaded and unloaded by Ethiopian Shipping Lines, whether in international route or in coastal areas fluctuated ups and downs from 1980/81 to 1983/84 (see Table H8). Table H9 shows the financial condition of the Shipping Lines Corporation.

### IMPORT—EXPORT VIA ASSEB



### IMPORT—EXPORT VIA MASAWA



**TABLE H1: OPERATIONS AT THE PORT OF ASSAB**

Year*	Number of Ships entering and leaving ports by flag of registration			Registered Tonnage		C A R G O (Mt. Tons)			Passengers Carried (Number)		
	Ethiopian's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
1978/79	...	...	488	1,822,393	2,976,017	462,273	1,391,522	1,853,795	137	597	734
1979/80	...	...	477	1,936,105	3,176,709	482,971	1,502,313	1,985,284	1,300	1,297	2,597
1980/81	...	...	479	2,112,106	3,446,331	539,189	1,335,667	1,874,856	1,302	764	2,066
1981/82	112	385	497	2,272,565	3,739,004	551,013	1,371,020	1,922,033	275	333	608
1982/83	116	423	539	2,526,704	4,071,557	603,313	1,500,526	2,103,839	144	75	219
1983/84	95	441	536	2,406,694	3,931,989	659,481	1,545,690	2,205,171	139	63	202

**TABLE H2: OPERATIONS AT THE PORT OF MASSAWA**

Year*	Number of Ships entering and leaving ports by flag of registration			Registered Tonnage		C A R G O (Mt. Tons)			Passengers Carried (Number)		
	Ethiopian's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
1978/79	...	...	83	140,977	255,357	19,010	106,864	125,874	202	95	297
1979/80**	...	...	164	328,785	597,116	35,329	192,902	228,231	690	588	1,278
1980/81	...	...	179	305,997	566,838	87,640	228,419	316,059	847	597	1,444
1981/82	100	121	221	408,865	757,578	74,100	364,465	438,568	360	615	975
1982/83	86	104	190	434,369	755,341	46,222	355,665	401,887	244	278	522
1983/84	81	124	205	617,513	1,030,710	51,082	409,695	460,777	402	325	727

\* Year Ending July 7

\*\* For the second half of the year

Source : Marine Transport Authority.

**TABLE H3: EXPORT - IMPORT VIA ASSAB**

COMMODITY	1 9 8 1				1 9 8 2			
	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	126,705.3	496,899.8	137,488.8	93,582.1	137,100.1	548,201.0	111,887.9	79,979.4
Beverages and Tobacco	4.1	12.9	6.6	3.4	-	-	429.2	2,917.5
Crude materials, inedible, except fuels	20,707.5	115,416.9	5,505.1	14,501.0	32,334.8	126,293.5	6,918.2	20,631.5
Mineral fuels, lubricants and related materials	183,003.1	84,420.0	753,639.5	344,648.5	201,324.3	63,915.7	767,101.7	385,479.9
Animal and vegetable oils and fats	278.4	2,582.5	3,643.2	7,593.7	210.1	1,758.2	5,220.1	10,453.4
Chemical elements and compounds	3.0	14.3	42,558.8	104,082.6	12.0	76.2	68,646.2	118,663.5
Manufactured goods, classified by material	38.6	113.6	63,583.6	157,846.5	15.6	31.1	166,096.6	190,688.1
Machinery and Transport equipment	75.0	397.0	25,899.4	306,143.3	-	-	26,062.3	302,514.4
Miscellaneous manufactured articles	-	-	3,582.6	30,163.7	2,705.2	1,190.4	3,879.1	31,544.9
Commodities n.e.s.	2,052.5	5,523.3	-	-	-	-	-	0.3
<b>T O T A L</b>	<b>332,367.5</b>	<b>705,380.5</b>	<b>1,035,907.6</b>	<b>1,058,664.8</b>	<b>373,702.1</b>	<b>741,466.1</b>	<b>1,156,241.9</b>	<b>1,142,872.9</b>

TABLE H3: (CONT'D)

COMMODITY	1 9 8 3				1 9 8 4			
	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	151,364.4	538,057.6	222,330.5	116,442.3	113,311.7	545,650.5	137,221.1	86,071.1
Beverages and Tobacco	250.0	426.1	651.3	4,243.2	704.9	1,243.0	364.4	5,185.3
Crude materials inedible, except fuels	37,084.0	108,382.4	9,851.3	19,192.7	32,981.9	114,632.7	8,588.7	24,441.7
Mineral fuels, lubricants and related materials	207,616.1	68,624.6	746,115.7	340,157.9	171,614.2	63,850.7	781,018.2	350,674.5
Animal and vegetable oils and fats	405.1	2,961.7	9,747.9	20,177.4	755.8	5,260.0	7,102.9	14,083.9
Chemical elements and compounds	1.0	2.1	105,906.8	151,593.9	7.0	26.1	99,693.7	137,979.1
Manufactured goods, classified by material	122.3	297.7	153,491.8	177,796.1	151.1	613.5	171,412.6	198,122.5
Machinery and Transport equipment	21.9	193.9	51,201.7	386,108.5	-	-	35,377.1	345,734.0
Miscellaneous manufactured articles	16.1	280.3	3,812.2	24,582.6	10.8	269.8	3,230.2	29,727.9
Commodities n.e.s.	-	-	197.9	1,370.7	0.1	7.4	-	-
T O T A L	396,880.9	719,226.4	1,303,307.1	1,241,665.3	337,537.5	731,553.7	1,244,008.9	1,192,020.0

Source: Customs and Excise Tax Administration

TABLE H4: EXPORT - IMPORT VIA MASSAWA

COMMODITY	1 9 8 1				1 9 8 2			
	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	10,312.4	13,230.0	2,109.2	3,858.4	4,530.7	1,854.9	58,764.0	27,437.3
Beverages and Tobacco	-	-	39.0	856.5	612.0	627.2	87.4	2,826.5
Crude materials inedible, except fuels	30,845.9	22,640.1	426.7	887.2	14,609.8	6,151.0	1,500.0	1,860.0
Mineral fuels, lubricants and related materials	-	-	1,776.2	3,713.6	-	-	3,156.7	5,353.5
Animal and vegetable oils and fats	-	-	1,451.0	2,050.0	-	-	1,347.6	3,800.3
Chemical elements and Compounds	-	-	5,765.8	12,347.0	-	-	7,113.9	14,088.0
Manufactured goods, classified by material	-	-	6,723.8	19,076.7	-	-	7,878.3	19,752.7
Machinery and Transport equipment	-	-	498.7	8,018.0	-	-	1,788.8	17,522.3
Miscellaneous manufactured articles	-	-	115.7	882.9	-	-	366.4	1,981.1
Commodities n.e.s.	-	-	0.5	7.0	-	-	-	0.7
TOTAL	41,158.3	35,870.1	18,906.6	51,697.3	19,752.5	8,633.1	82,003.1	94,622.4

TABLE B4: (CONT'D)

COMMODITY	1 9 8 3				1 9 8 4			
	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	10,476.1	4,718.6	129,050.0	83,487.6	9,500.8	5,314.8	137,437.3	72,213.3
Beverages and Tobacco	-	-	40.9	1,167.2	533.1	627.3	74.2	1,240.6
Crude materials inedible, except fuels	10,113.8	11,956.1	68.8	226.7	14,372.6	8,041.4	3,066.8	3,575.7
Mineral fuels, lubricants and related materials	-	-	5,611.5	9,310.8	-	-	5,373.5	7,452.9
Animal and vegetable oils and fats	-	-	2,851.3	6,808.3	-	-	2,807.9	8,255.8
Chemical elements and compounds	-	-	6,933.1	12,813.6	-	-	11,019.9	18,713.5
Manufactured goods classified by material	30.0	62.6	9,251.6	21,295.2	51.6	58.8	10,803.4	21,831.8
Machinery and Transport equipment	-	-	2,072.8	34,818.3	-	-	1,088.7	16,875.6
Miscellaneous manufactured articles	-	-	326.8	2,285.7	-	-	359.5	3,296.9
Commodities n.e.s.	-	-	5.5	52.0	-	-	-	-
TOTAL	20,619.9	16,737.3	156,212.3	172,265.4	24,458.1	14,042.3	172,031.2	153,456.1

Source: Customs and Excise Tax Administration

TABLE H5: ACTIVITIES OF INLAND WATERWAYS\*

Name (Lake or River)	1 1980/81			1981/82		
	No. of Boats	Passengers Carried	Freight Carried (Kg)	No. of Boats	Passengers Carried	Freight Carried (Kg)
Lake Tana	9	554,250	3,345,540	9	46,522	2,421,205
Baro and Akobo (Rivers)	3	464	2,215,327	3	714	215,327
Abaya and Chamo (Lakes)	3	19,903	242,215	3	7,403	76,959
TOTAL	15	74,617	3,803,082	15	54,639	2,713,491

TABLE H5: (CONT'D)\*

Name (Lake or River)	1982/83			1983/84		
	No. of Boats	Passengers Carried	Freight Carried (Kg)	No. of Boats	Passengers Carried	Freight Carried (kg)
Lake Tana	9	51,490	2,210,701	9	52,754	2,144,221
Baro and Akobo (Rivers)	3	794	26,305	3	1,011	556,140
Abaya and Chamo (Lakes)	3	10,103	58,571	3	32,410	143,796
TOTAL	15	62,387	2,289,577	15	86,175	2,844,157

\* Year Ending July 17

Source: Marine Transport Authority

**TABLE H6: NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION BY SALARY GROUP AND SEX\***

SALARY GROUP	NUMBER OF EMPLOYEES								
	1981/82			1982/83			1983/84		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	...	...	5	...	...	19	2	1	3
150 - 249	...	...	12	...	...	21	3	3	6
250 - 349	...	...	53	...	...	52	36	3	39
350 - 449	...	...	69	...	...	73	78	5	83
450 - 549	...	...	37	...	...	38	39	7	46
550 - 649	...	...	20	...	...	21	18	2	20
650 - 749	...	...	36	...	...	31	35	4	39
750 - 849	...	...	13	...	...	10	11	-	11
850 - 949	...	...	14	...	...	24	23	-	23
950 - 1049	...	...	-	...	...	-	-	1	1
1050 - 1149	...	...	5	...	...	7	6	1	7
1150 - 1249	...	...	4	...	...	3	3	-	3
1250 - 1349	...	...	1	...	...	2	1	-	1
1350 & above	...	...	22	...	...	21	19	-	19
T O T A L	...	...	291	...	...	322	274	27	301

\* Year Ending July 7

Source: Ethiopian Shipping Lines Corporation

TABLE H7: VESSELS IN USE BY NUMBER AND NET  
AND GROSS REGISTERED TONNAGE

Year*	No. OF SHIPS**	REGISTERED TONNAGE		DEAD WEIGHT
		GROSS	NET	
1980/81	5	19,429	10,455	26,715
1981/82	7	22,627	12,793	34,985
1982/83	7	22,627	12,793	34,985
1983/84	7	22,627	12,793	34,985

TABLE H8: FREIGHT CARRIED BY ETHIOPIAN SHIPPING LINES

Year*	No. OF SHIPS**	FREIGHT CARRIED (TONS) INTERNATIONAL ROUTE			FREIGHT CARRIED (TONS) IN COASTAL AREA			GRAND TOTAL
		LOADED	UNLOADED	TOTAL	DRY CARGO	FUEL	TOTAL	
1980/81	5	71,784	151,841	223,625	97,015	145,774	242,789	466,414
1981/82	7	62,069	169,296	231,365	122,350	192,197	314,547	545,912
1982/83	7	69,290	152,729	222,019	89,978	211,058	301,036	523,055
1983/84	7	94,594	202,820	297,414	103,324	174,337	277,661	575,075

\* Year Ending July 7

\*\* Excluding chartered ships

Source: Ethiopian Shipping Lines Corporation

Note: In the transshipment of cargo a number of time chartered vessels (as for instance, 14 and 16 in 1982/83 and 1983/84, respectively) were used.

**TABLE H9: FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES CORPORATION**

IN '000 BIRR

YEAR*	REVENUE BY SOURCE	EXPENDITURE BY PURPOSE
	Cargo lifting	Operating and overhead costs
1980/81	81,750	78,744
1981/82	84,113	72,550
1982/83**	87,600	76,700
1983/84**	101,567	85,313

\* Year Ending July 7

\*\* Estimate

Source: Ethiopian Shipping Lines Corporation.

## Aviation Statistics

The expansion of air transport has become one of the possible means available for the development of transportation in the distribution of goods and services (i.e., in the movement of goods and passengers,) within a country and with the rest of the world. Air transport covers great distance and meets the gap where there is little or no chance of using other modes of transport, apart from the need for speedy transport. Thus, air transport is an essential service as it plays a vital role in socio-economic development of a nation.

The data series included in this section refers to aviation activities and traffic at domestic and international airports. The data, in particular, includes the number of persons employed, type of aircraft, airports, domestic and international passengers, freight and mail carried, recorded number of aircraft landings and taking - offs, and financial operations of the Ethiopian Airlines.

The Civil Aviation Authority with a staff of 788 in 1983/84 administered 12 domestic and 3 international (Bole in Addis Ababa, Yohannes IV in Asmara and Dej. Yielma Aba Tena in Dire Dawa) regular airports.

Fourteen foreign airlines with a total of nine different aircraft were served at Bole airport and landed Sixty - two times per month. The number of aircraft landings and taking - offs at this port on international traffic increased from 3,387 in 1980 to 3,999 in 1983/84 and the number of passengers arriving and departing increased by 16.6 percent from 130,157 to 151,828 in the years under review (1980 - 1983/84). The freight and mail carried on international air routes increased from 7,804 tons to 9,044 tons during the same period (see Tables A5 and A9).

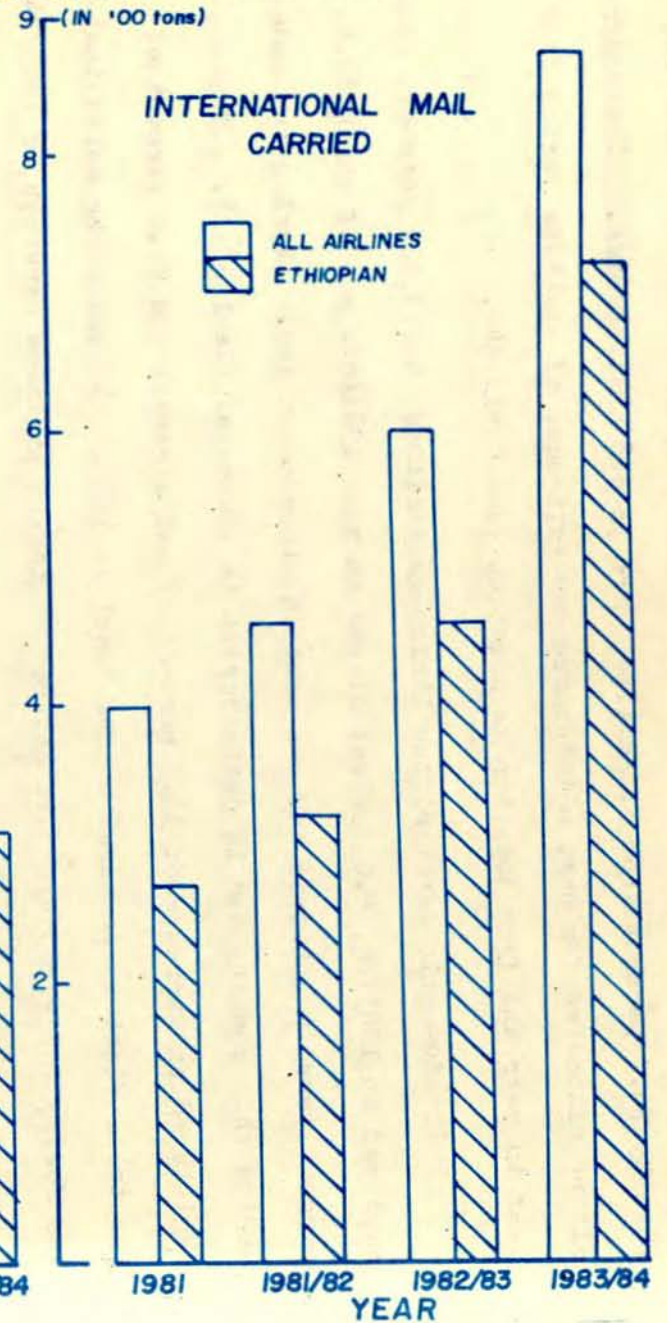
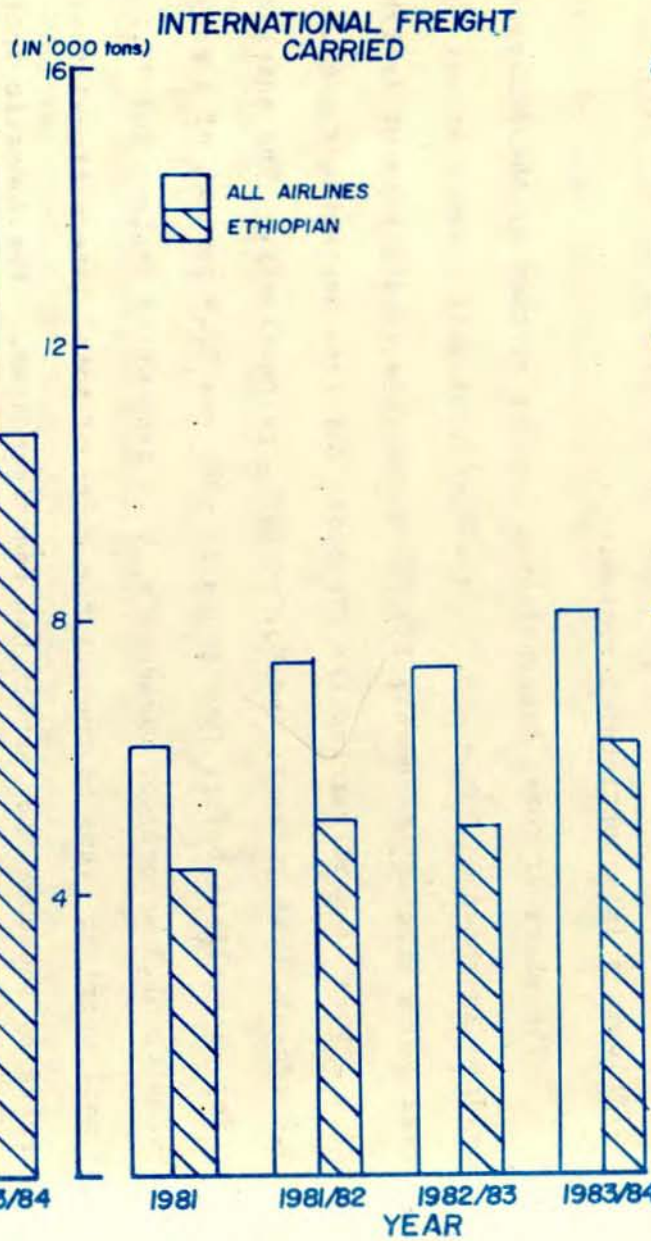
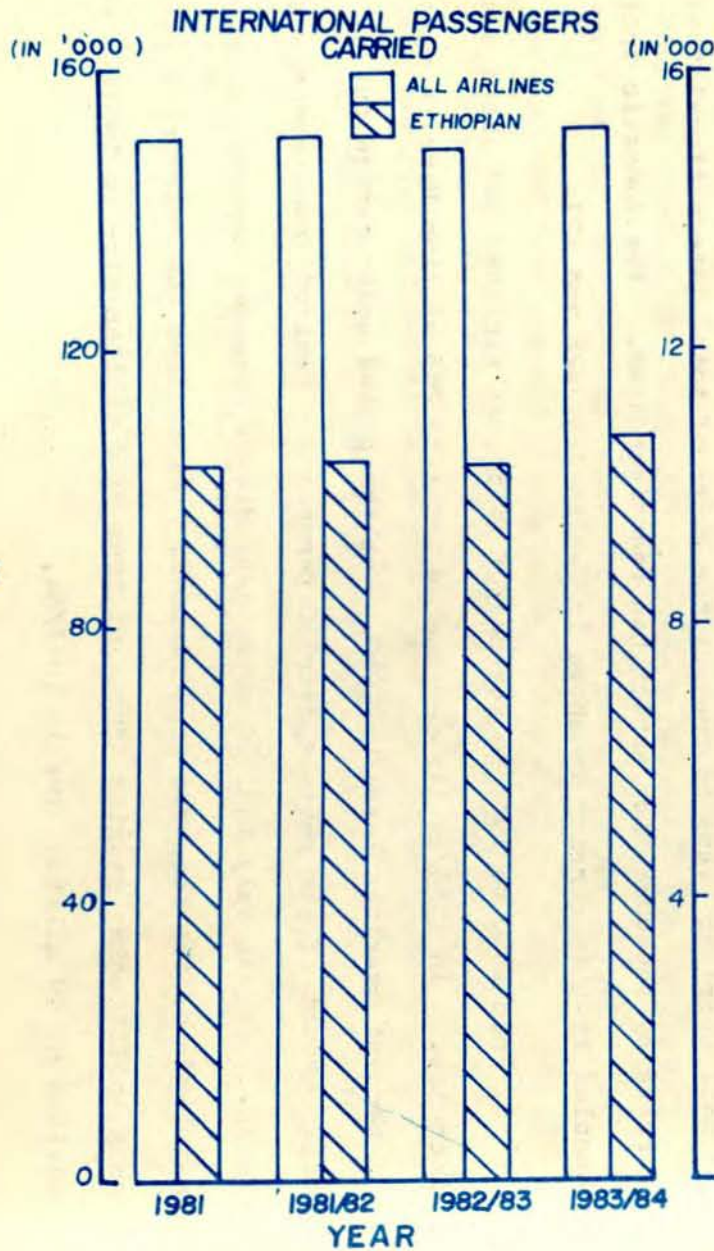
Over the period 1981 - 1983/84 capital expenditure of the Authority rose by 76.3 percent from 3.3 million Birr to 5.8 million Birr. The expenditure allocated for new, maintenance and expansion of stations varies from year to year and from location to location (see Table A4).

The domestic carrier, the Ethiopian Airlines, had 3,125 persons employed in 1983/84, 4.0 percent higher than in 1982/83, out of which 88.1 percent were in Ethiopia and the rest in other countries. During the same period this company had 12 jet aircraft in its total fleet of 28. This registered an increase of 33.3 percent of jet aircraft and 75.0 percent of the total fleet as compared to the level in 1980. It should be noted that two Boeing 767 - 260 aircraft entered Ethiopian Airlines services in 1983/84 on Ethiopia's intercontinental routes.

The share of total international traffic carried by the Ethiopian Airlines is shown in Table A10. In 1983/84, at Bole airport, out of the total 3,999 aircraft movement, 151,828 passengers, 8,174 tons of freight and 871 tons of mail carried the Ethiopian Airlines accounted for 67.9 percent, 70.8percent, 76.4 percent, and 83.0percent, respectively. The share of the Ethiopian Airlines before four years in 1980 was 50.9 percent of aircraft movement, 61.3 percent of passengers, 65.5 percent of freight and 73.1percent of mail carried; thus at present the share of total international traffic carried by the domestic carrier has been increased. The domestic traffic handled by this carrier is shown in Tables A25, A26 and A27.

From 1980 to 1983/84 revenue of Ethiopian Airlines had shown a steady increase. In 1983/84 its revenue amounted to 263 million Birr, a rise of 31 percent over the level in 1980. In the period under review out of the total amount of its revenue over 60 percent was derived from passengers fares. It was only in 1980 where expenditure exceeded revenue, however the magnitude of the loss was very minimal. Since then the enterprise emerged as a profit maker ranging from a minimum of 3 million Birr in 1981/82 to a maximum of 39 million Birr in 1983/84.

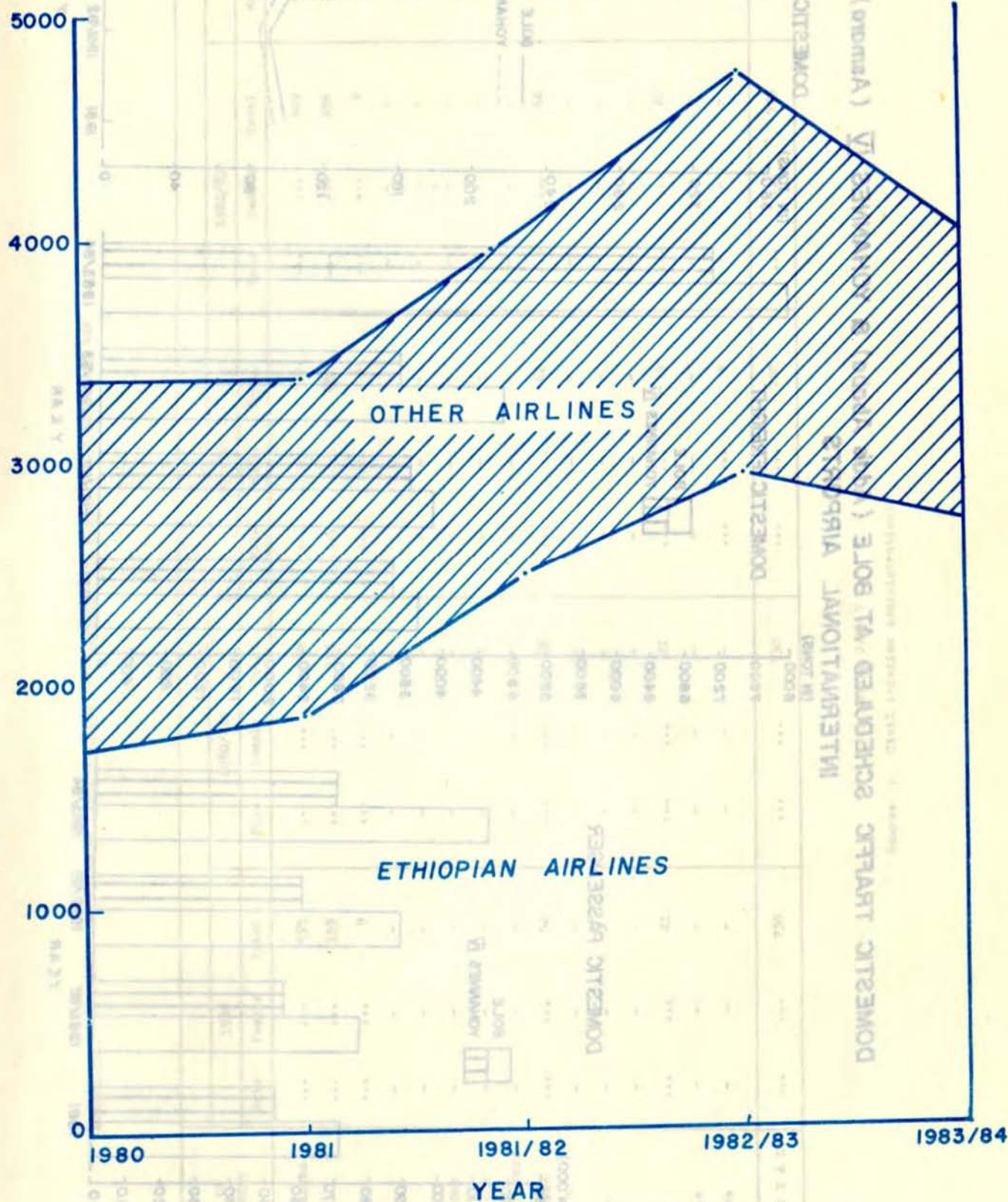
# INTERNATIONAL TRAFFIC AT BOLE (Addis Ababa) INTERNATIONAL AIRPORT



# TRAFFIC AT BOLE (ADDIS ABEBA) INTERNATIONAL AIRPORT

IN NUMBER

## INTERNATIONAL AIRCRAFT MOVEMENT



### DOMESTIC TRAFFIC SCHEDULED AT BOLE (Addis Ababa) & YOHANNES IV (Asmara) INTERNATIONAL AIRPORTS

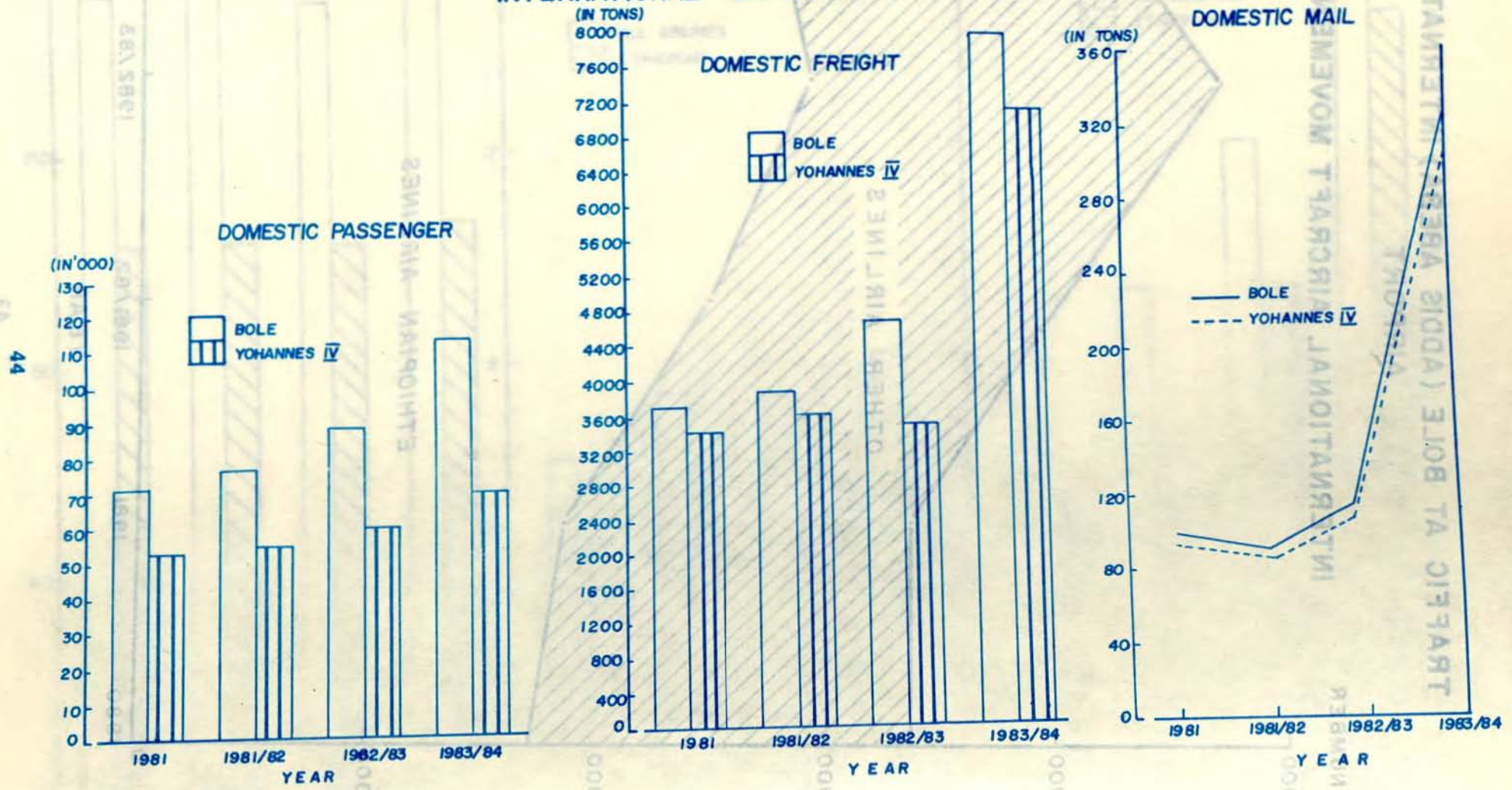


TABLE A1: NUMBER OF EMPLOYEES OF CIVIL AVIATION ADMINISTRATION BY PLACE OF ASSIGNMENT AND SEX

PLACE OF ASSIGNMENT	Y E A R														
	1980			1980/81*			1981/82*			1982/83*			1983/84*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Addis Ababa	...	...	495	...	...	484	...	...	510	...	...	509	441	111	552
Asmara	...	...	153	...	...	153	...	...	147	...	...	156	138	12	150
Assab	...	...	9	...	...	9	...	...	8	...	...	9	11	-	11
Awassa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Awash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bahar Dar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Combolcha	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Debre Markos	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa	...	...	52	...	...	63	...	...	62	...	...	61	50	5	55
Goba	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gondar	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gore	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	...	...	21	...	...	21	...	...	19	...	...	20	18	2	20
Lekeste	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Massawa	-	-	-	-	-	-	...	...	4	-	-	-	-	-	-
T O T A L	...	...	730	...	...	730	...	...	750	...	...	755	658	130	788

\* Year Ending July 7

Source : Civil Aviation Administration.

TABLE A2: NUMBER OF EMPLOYEES OF CIVIL AVIATION ADMINISTRATION BY SALARY GROUP AND SEX

SALARY GROUP	NUMBER OF EMPLOYEES														
	1980			1980/81*			1981/82*			1982/83*			1983/84*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	...	...	112	...	...	112	...	...	90	...	...	45	51	50	101
150 - 249	...	...	184	...	...	185	...	...	150	...	...	182	104	30	134
250 - 349	...	...	153	...	...	153	...	...	204	...	...	163	137	20	157
350 - 449	...	...	124	...	...	124	...	...	127	...	...	128	146	10	156
450 - 549	...	...	90	...	...	90	...	...	96	...	...	125	103	16	119
550 - 649	...	...	28	...	...	28	...	...	38	...	...	56	25	-	25
650 - 749	...	...	8	...	...	8	...	...	15	...	...	26	56	4	60
750 - 849	...	...	17	...	...	17	...	...	17	...	...	17	12	-	12
850 - 949	...	...	10	...	...	10	...	...	9	...	...	9	11	-	11
950 - 1049	...	...	1	...	...	1	...	...	1	...	...	1	9	-	9
1050 - 1149	-	-	-	-	-	-	-	-	-	...	...	1	1	-	1
1150 - 1249	-	-	-	-	-	-	...	...	1	-	-	-	1	-	1
1250 - 1349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1350 & above	...	...	3	...	...	2	...	...	2	...	...	2	2	-	2
T O T A L	...	...	730	...	...	730	...	...	750	...	...	755	658	130	788

\* Year Ending in July 7

Source : Civil Aviation Administration.

**TABLE A3: NUMBER OF EMPLOYEES OF CIVIL AVIATION ADMINISTRATION BY OCCUPATION AND SEX**

OCCUPATION	Y E A R														
	1980			1980/81*			1981/82*			1982/83*			1983/84*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Administrative Personnel	...	...	543	...	...	564	...	...	570	...	...	318	261	126	387
Technical Personnel	...	...	187	...	...	166	...	...	180	...	...	437	397	4	401
<b>TOTAL</b>	...	...	<b>730</b>	...	...	<b>730</b>	...	...	<b>750</b>	...	...	<b>755</b>	<b>658</b>	<b>130</b>	<b>788</b>

**Note:-** According to the definition used in 1982/83 Technical Personnel includes drivers, technicians, electricians, garage workers, navigation aid workers, air traffic controllers, communication workers and fire brigade workers. The rest are administrative workers.

\* Year Ending July 7

Source : Civil Aviation Administration.

TABLE A4: CAPITAL EXPENDITURE BY TYPE AND LOCATION

(IN '000 BIRR)

Y E A R	L O C A T I O N	T Y P E			
		NEW	MAINTENANCE	EXPANSION	TOTAL
1980	Addis Ababa	394	-	-	394
	Asmara	-	-	-	-
	Dire Dawa	-	-	-	-
	Others	-	-	-	-
	Total	394	-	-	394
1981	Addis Ababa	2,090	542	-	2,632
	Asmara	-	-	-	-
	Dire Dawa	642	-	-	642
	Others	-	-	-	-
	Total	2,732	542	-	3,274
1981/82*	Addis Ababa	2,229	400	99	2,728
	Asmara	12	-	-	12
	Dire Dawa	175	-	-	175
	Others	7	175	-	182
	Total	2,423	575	99	3,097
1982/83*	Addis Ababa	70	503	25	598
	Asmara	3	-	8	11
	Dire Dawa	404	-	15	419
	Others	1,467	175	-	1,642
	Total	1,944	678	48	2,670
1983/84*	Addis Ababa	188	3,204	-	3,392
	Asmara	28	-	-	28
	Dire Dawa	852	595	-	1,447
	Others	904	-	-	904
	Total	1,972	3,799	-	5,771

\* Year Ending July 7

Source : Civil Aviation Administration.

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

SR. NO.	A I R L I N E S	A I R C R A F T			
		1982/83		1983/84	
		T Y P E	FREQUENCY PER MONTH	T Y P E	FREQUENCY PER MONTH
01	AIR DJIBOUTI (DJ)	B-727, B-737	4	B-727, B-737	4
02	AIR INDIA (AI)	B-707	8	B-707	8
03	AIR TANZANIA (TC)	-	-	-	-
04	AEROFLOT (SU)	TU-154	8	TU-154	8
05	ALITALIA (AZ)	DC-10	8	DC-10, A-300	8
06	ALYEMDA (DY)	B-707, B-720, DASH-7	4	B-707, B-720	4
07	BRITISH AIRWAYS (BA)	-	-	-	-
08	CHINA (CA)	B-707	2	B-707	2
09	ETHIOPIAN AIRLINS (ET)	B-707, B-720, B-727	4	B-707, B-720, B-727	4
10	INTERFLUG (IF)	IL-62	4	IL-62	4
11	KENYA AIRWAYS (KQ)	DC-9	8	DC-9	8
12	LUFTHANSA (LH)	B-707	8	B-707, A-300	8
13	NIGERIA AIRWAYS (WT)	B-707	4	B-707	4
14	SUDAN AIRWAYS (SD)	-	-	-	-
15	YEMEN AIRWAYS (IY)	B-727	4	B-727, B-737	4
T O T A L			62		62

\* Year Ending July 7  
Source: Civil Aviation Administration.

**TABLE A6: LIST OF AIRPORT IN ETHIOPIA BY REGION AND TYPE, 1982/83\***

SR. NO.	AIR PORT	ADMINISTRATIVE REGION	T Y P E
01	BOLE (ADDIS ABABA)	SHEWA	INTERNATIONAL
02	YIELMA ABATENA, DEJ. (DIRE DAWA)	HARARGHE	"
03	YOHANNES IV (ASMARA)	ERITREA	"
04	ASSAB	ASSAB	DOMESTIC
05	AXUM	TIGRAI	"
06	BAHAR DAR	GOJJAM	"
07	DEMBI DOLLO	WOLLEGA	"
08	GONDAR	GONDAR	"
09	HUMERA	GONDAR	"
10	JIMMA	KEFFA	"
11	LALIBELA	WELLO	"
12	MEKEL:	TIGRAI	"
13	SHIRE	TIGRAI	"

**Note:-** There are about 20 Domestic Air ports which serve less than 1,500 passengers annually.

**TABLE A6: (CONT'D) 1983/84\***

SR. NO.	AIR PORT	ADMINISTRATIVE REGION	T Y P E
01	BOLE (ADDIS ABABA)	SHEWA	INTERNATIONAL
02	YIELMA ABATENA, DEJ. (DIRE DAWA)	HARARGHE	"
03	YOHANNES IV (ASMARA)	ERITREA	"
04	ASSAB	ASSAB	DOMESTIC
05	AXUM	TIGRAI	"
06	BAHAR DAR	GOJJAM	"
07	DEMBI DOLLO	WELLEGA	"
08	GAMBELLA	ILLUBABOR	"
09	GONDAR	GONDAR	"
10	HUMERA	GONDAR	"
11	JIMMA	KEFFA	"
12	MAJI	KEFFA	"
13	MEKELE	TIGRAI	"
14	SHIRE	TIGRAI	"
15	WAKA	KEFFA	"

**Note:-** There are 14 Domestic Air ports which serve less than 500 passengers annually.

\* Year Ending July 7.

Source: Civil Aviation Administration.

TABLE A7: INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS, 1982/83\*

AIRPORT (NAME)	AIRCRAFT MOVEMENT											
	SCHEDULED			NON SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	2,360	2,368	4,728	464	402	866	11	12	23	2,835	2,782	5,617
YIELMA ABATENA, DEJ. (DIRE DAWA)	516	516	1,032	22	27	49	12	14	26	550	557	1,107
YOHANNES IV (ASMARA)	567	586	1,153	39	53	92	20	15	35	626	654	1,280
TOTAL	3,443	3,470	6,913	525	482	1,007	43	41	84	4,011	3,993	8,004

TABLE A7: (CONT'D), 1983/84\*

AIRPORT (NAME)	AIRCRAFT MOVEMENT											
	SCHEDULED			NON SCHEDULED**			OTHERS***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
BOLE (ADDIS ABABA)	2,982	2,981	5,963	6,997	6,997	13,994	...	...	...	9,979	9,978	19,957
YIELMA ABATENA, DEJ. (DIRE DAWA)	679	679	1,358	2,491	2,491	4,982	...	...	...	3,170	3,170	6,340
YOHANNES IV (ASMARA)	1,351	1,351	2,702	6,984	6,984	13,968	...	...	...	8,335	8,335	16,670
TOTAL	5,012	5,011	10,023	16,472	16,472	32,944	...	...	...	21,484	21,483	42,967

\* 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 Administration

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

TABLE A8:

YEAR	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	25,001	22,738	47,749	1,346,000	1,549,000	2,895,000	32,000	62,000	94,000
1981	36,882	34,355	71,237	1,363,218	2,352,130	3,715,348	32,962	67,595	100,557
1981/82*	39,555	37,803	77,358	1,289,365	2,609,729	3,899,094	28,954	63,760	92,714
1982/83*	47,157	42,054	89,211	1,684,283	2,972,389	4,656,672	33,541	82,442	115,983
1983/84*	60,625	53,322	113,947	3,436,355	4,497,420	7,933,775	92,471	234,646	327,117

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	961	25,001	22,738	47,749	1,346,000	1,549,000	2,895,000	32,000	62,000	94,000
1981	1,656	36,882	34,355	71,237	1,363,218	2,352,130	3,715,348	32,962	67,595	100,557
1981/82*	1,478	39,555	37,803	77,358	1,289,365	2,609,729	3,899,094	28,954	63,760	92,714
1982/83*	1,203	47,157	42,054	89,211	1,684,283	2,972,389	4,656,672	33,541	82,442	115,983
1983/84*	1,964	60,625	53,322	113,947	3,436,355	4,497,420	7,933,775	92,471	234,646	327,117

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	961	25,001	22,738	47,749	1,346,000	1,549,000	2,895,000	32,000	62,000	94,000
1981	1,656	36,882	34,355	71,237	1,363,218	2,352,130	3,715,348	32,962	67,595	100,557
1981/82*	1,478	39,555	37,803	77,358	1,289,365	2,609,729	3,899,094	28,954	63,760	92,714
1982/83*	1,203	47,157	42,054	89,211	1,684,283	2,972,389	4,656,672	33,541	82,442	115,983
1983/84*	1,964	60,625	53,322	113,947	3,436,355	4,497,420	7,933,775	92,471	234,646	327,117

Source: Civil Aviation Administration

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

YEAR	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	3,387	63,516	66,641	15,621	145,778	5,240,000	2,173,000	7,413,000	273,000	118,000	391,000
1981	3,392	73,167	77,020	17,332	167,519	4,526,722	1,672,129	6,198,851	295,169	98,696	393,865
1981/82*	4,038	74,035	76,777	20,514	171,326	4,954,158	2,462,272	7,416,430	340,550	120,018	460,569
1982/83*	4,728	72,999	75,975	24,365	173,339	5,522,968	1,812,458	7,335,426	443,034	158,090	601,124
1983/84*	3,999	72,376	79,452	...	151,828	6,184,376	1,989,459	8,173,835	547,895	322,653	870,548

\* Year Ending July 7

Source : Civil Aviation Administration.

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

YEAR	AIRCRAFT MOVEMENT	ETHIOPIAN AIR LINES								
		PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	1,723	43,032	46,321	89,353	3,206,000	1,648,000	4,854,000	175,000	111,000	286,000
1981	1,870	50,262	53,216	103,478	3,225,732	1,181,771	4,407,503	178,433	89,796	268,229
1981/82*	2,489	50,746	53,042	103,788	3,436,050	1,680,751	5,116,801	215,874	101,460	317,334
1982/83*	2,926	51,105	52,268	103,373	3,754,357	1,247,871	5,002,228	310,241	153,307	463,548
1983/84*	2,715	51,166	56,270	107,436	4,870,222	1,371,598	6,241,820	416,797	304,727	721,524

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TABLE A10: (CONT'D)

YEAR	AIRCRAFT MOVEMENT	OTHER AIR LINES								
		PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	1,664	20,484	20,320	40,804	2,034,000	525,000	2,559,000	98,000	7,000	105,000
1981	1,522	22,905	23,804	46,709	1,300,990	490,358	1,791,348	116,736	8,900	125,636
1981/82*	1,549	23,289	23,735	47,024	1,518,108	781,521	2,299,629	124,676	18,558	143,234
1982/83*	1,802	21,894	23,707	45,601	1,768,611	564,587	2,333,198	132,793	4,783	137,576
1983/84*	1,284	21,210	23,182	44,392	1,314,154	617,861	1,932,015	131,099	17,925	149,024

\* Year Ending July 7

Source : Civil Aviation Administration.

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

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT			MAIL(KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	790	20,067	21,277	41,344	1,563,000	1,439,000	3,002,000	58,000	27,000	85,000
1981	1,341	25,797	27,328	53,125	2,156,452	1,260,046	3,416,498	62,047	32,103	94,150
1981/82*	1,211	27,269	28,079	55,348	2,385,235	1,232,169	3,617,404	57,522	29,018	86,540
1982/83*	1,078	29,366	31,263	60,629	1,930,143	1,567,903	3,498,073	72,379	34,826	107,205
1983/84*	1,898	33,621	36,402	70,023	4,311,962	2,790,594	7,102,556	214,223	93,961	308,184

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

YEAR	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL(KG.)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	492	2,104	2,391	1,182	23,118	109,000	149,000	258,000	2,000	6,000	8,000
1981	850	3,499	3,806	...	7,305	112,916	141,620	254,536	7,377	6,269	13,646
1981/82*	1,272	3,453	3,522	...	6,975	131,419	128,691	260,110	9,458	6,293	15,751
1982/83*	1,153	3,404	3,635	...	7,039	263,421	106,185	369,606	26,152	6,106	32,258
1983/84*	804	4,894	5,168	...	10,062	207,667	172,941	380,608	35,817	28,776	64,593

\* Year Ending July 7

Source: Civil Aviation Administration

TABLE A13: ASSAB DOMESTIC AIRPORT DOMESTIC TRAFFIC SCHEDULED

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1981	823	656	1,479	18,402	4,882	23,284	56	177	233
1981/82*	1,730	1,691	3,421	38,808	11,378	50,186	259	319	578
1982/83*	1,850	1,651	3,501	40,942	14,226	55,168	323	253	576
1983/84*	2,975	2,783	5,758	43,281	10,168	53,449	95	200	295

\* Year Ending July 7

Source: Civil Aviation Administration.

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

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (GK.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	3,901	5,036	8,937	53,000	15,000	68,000	400	400	800
1981	7,256	9,497	16,753	65,124	59,878	125,002	845	707	1,552
1981/82*	8,259	10,167	18,426	85,844	57,732	143,576	813	704	1,517
1982/83*	11,363	13,921	25,284	121,191	139,241	260,432	69	-	69
1983/84*	13,772	18,620	32,392	133,717	503,094	636,811	156	220	376

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TABLE A15: DEJ. YIELMA A.TENA (DIRE DAWA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1980	1,128	1,921	3,049	1,000	277,000	278,000	500	200	700
1981	1,759	3,705	5,464	822	1,095,027	1,095,849	4	119	123
1981/82*	1,183	4,350	5,533	405	1,405,913	1,406,318	10	69	79
1982/83*	1,359	2,736	4,095	5,653	1,375,019	1,380,654	-	-	-
1983/84*	1,422	2,787	4,209	81,484	1,619,120	1,700,604	-	-	-

\* Year Ending July 7

Source: Civil Aviation Administration.

TABLE A16: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND PLACE OF ASSIGNMENT

YEAR	IN ETHIOPIA							ABROAD						GRAND TOTAL	
	Ethiopians			Foreigners			TOTAL	Ethiopians			Foreigners				TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total		
1980	...	...	2,559	...	...	2	2,561	...	...	74	...	...	351	425	2,986
1980/81*	...	...	2,513	...	...	2	2,515	...	...	82	...	...	347	429	2,944
1981/82*	...	...	2,544	-	-	-	2,544	...	...	75	...	...	321	396	2,940
1982/83*	...	...	2,648 <sup>♀</sup>	-	-	-	2,648	...	...	60	...	...	296	356	3,004
1983/84*	2,273	480	2,753	-	-	-	2,753	73	12	85	203	84	287	372	3,125

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TABLE A17: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND CONTINENT

CONTINENT	Y E A R														
	1980			1980/81*			1981/82*			1982/83*			1983/84*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Africa**	...	...	2,771	...	...	2,730	...	...	2,754	...	...	2,854	2,442	530	2,972
(Ethiopia)	...	...	(2,561)	...	...	(2,515)	...	...	(2,544)	...	...	(2,648)	(2,273)	(480)	(2,753)
North and South America	...	...	11	...	...	11	...	...	13	...	...	15	3	6	9
Asia and Middle East	...	...	36	...	...	38	...	...	38	...	...	45	37	9	46
Europe	...	...	168	...	...	165	...	...	135	...	...	90	67	31	98
Grand Total	...	...	2,986	...	...	2,944	...	...	2,940	...	...	3,004	2,549	576	3,125

\* Year Ending June 30

\*\* Including Ethiopia

♀ Including 89 Employees of Admas Air Service

Source: Ethiopian Air lines

TABLE A18: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SALARY GROUP, SEX AND NATIONALITY IN 1983/84\*

SALARY GROUP	NUMBER						GRAND TOTAL
	Ethiopians			Foreigners			
	Male	Female	Total	Male	Female	Total	
50 - 149	170	30	200	27	3	30	230
150 - 249	228	14	242	14	1	15	257
250 - 349	302	91	393	12	1	13	406
350 - 449	235	101	336	11	4	15	351
450 - 549	376	89	465	13	8	21	486
550 - 649	241	74	315	11	6	17	332
650 - 749	173	27	200	7	5	12	212
750 - 849	114	24	138	13	8	21	159
850 - 949	89	12	101	7	5	12	113
950 - 1049	75	5	80	9	6	15	95
1050 - 1149	41	7	48	11	4	15	63
1150 - 1249	43	6	49	12	3	15	64
1250 - 1349	38	1	39	3	2	5	44
1350 - 1449	26	2	28	4	1	5	33
1450 - 1549	18	1	19	4	3	7	26
1550 & above	177	8	185	45	24	69	254
TOTAL	2,346	492	2,838	203	84	287	3,125

\* Year Ending June 30.

Source : Ethiopian Airlines.

OCCUPATION	Male	Female	Total
MANAGERIAL	100	10	110
PROFESSIONAL	150	15	165
TECHNICAL	200	20	220
NON-TECHNICAL	1000	100	1100
UNEMPLOYED	100	10	110
OTHER	100	10	110
TOTAL	2346	492	2838

TABLE A19: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1980			1980/81*			1981/82*			1982/83*			1983/84*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
ARSSI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALE	...	...	7	...	...	8	...	...	9	...	...	9	...	...	10
ERITREA	...	...	100	...	...	108	...	...	108	...	...	112	...	...	103
GAMOGOFA	...	...	3	...	...	3	...	...	3	...	...	3	...	...	3
GOJJAM	...	...	5	...	...	5	...	...	6	...	...	6	...	...	7
GONDAR	...	...	7	...	...	7	...	...	8	...	...	11	...	...	12
HARARGHE	...	...	27	...	...	24	...	...	23	...	...	28	...	...	31
ILLUBABOR	...	...	3	...	...	3	...	...	3	...	...	3	...	...	3
KEFFA	...	...	10	...	...	19	...	...	18	...	...	18	...	...	18
SIDAMO	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1
SHEWA	...	...	2,358	...	...	2,304	...	...	2,333	...	...	2,423	...	...	2,529
TIGRAI	...	...	12	...	...	12	...	...	14	...	...	13	...	...	15
WELLEGA	...	...	8	...	...	8	...	...	7	...	...	7	...	...	8
WELLO	...	...	11	...	...	13	...	...	11	...	...	14	...	...	13
GRAND TOTAL	...	...	2,561	...	...	2,515	...	...	2,544	...	...	2,648	...	...	2,753

\* Year Ending June 30

Source : Ethiopian Air lines

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TABLE A20: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND OCCUPATION

OCCUPATION	E E A R														
	1980			1980/81*			1981/82*			1982/83*			1983/84*		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Flying	...	...	258	...	...	281	...	...	279	...	...	306	...	...	329
a) Cabin Attendants	...	...	137	...	...	158	...	...	155	...	...	199	...	...	199
i) Flying Hostesses	...	...	65	...	...	92	...	...	89	...	...	137	...	...	137
ii) " Purser	...	...	22	...	...	20	...	...	20	...	...	20	...	...	20
iii) " Attendants	...	...	18	...	...	16	...	...	16	...	...	13	...	...	13
iv) International F/sup.	...	...	7	...	...	7	...	...	7	...	...	7	...	...	7
v) Lead Cabin Crews	...	...	25	...	...	23	...	...	23	...	...	22	...	...	22
b) Pilots	...	...	121	...	...	123	...	...	124	...	...	107	...	...	130
i) Captains	...	...	42	...	...	49	...	...	49	...	...	51	...	...	68
ii) First Officers	...	...	51	...	...	44	...	...	43	...	...	43	...	...	36
iii) Second Officers	...	...	24	...	...	26	...	...	29	...	...	12	...	...	9
iv) Adm'n Directors	...	...	4	...	...	4	...	...	3	...	...	1	...	...	1
v) Flight Engineers	-	-	-	-	-	-	-	-	-	-	-	-	...	...	16
Traffic and Sales Personnel	...	...	1,047	...	...	1,010	...	...	992	...	...	1,135	...	...	967
Maintenance and O'haul	...	...	1,121	...	...	1,124	...	...	1,123	...	...	1,197	...	...	1,264
Others	...	...	560	...	...	529	...	...	546	...	...	366	...	...	565
<b>T O T A L</b>	...	...	<b>2,986</b>	...	...	<b>2,944</b>	...	...	<b>2,940</b>	...	...	<b>3,004</b>	...	...	<b>3,125</b>

\* Year Ending June 30

Source: Ethiopian Airlines

TABLE A21: REVENUE OF ETHIOPIAN AIRLINES BY SOURCE

SOURCE	IN MILLION BIRR				
	1980	1980/81*	1981/82*	1982/83*	1983/84*
Passengers	125	138	153	160	161
Freight	24	23	30	30	33
Charter	34	35	37	38	33
Mail	2	2	2	2	3
Excess Baggage	8	8	10	11	10
Commission	3	2	4	4	3
Miscellaneous Service	5	6	5	13	20
<b>TOTAL</b>	<b>201</b>	<b>214</b>	<b>241</b>	<b>258</b>	<b>263</b>

\* Year Ending June 30.  
Source: Ethiopians Airlines.

TABLE A22: EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE.

PURPOSE	IN MILLION BIRR				
	1980	1980/81*	1981/82*	1982/83*	1983/84*
Salaries and pension	33.4	33	33	34	33
Travel Expenses	8.9	9	8	8	8
Aviation Gas-oil	83.8	89	93	87	82
Air Craft Material	5.0	5	6	6	9
Handling Fees of Aircraft and Landing	14.7	16	18	17	19
Commission Expenses	16.4	21	17	16	14
Advertising and publicity	1.7	2	2	2	2
Insurance	4.8	4	9	7	6
Depreciation	10.0	12	16	21	20
Interest Expenses-net	8.4	8	14	13	15
Service and Miscellaneous Expenses	19.7	19	25	12	31
Other non-operating items	-	(4)	(3)	-	(16)
TOTAL	206.8	214	238	223	224

\* Year Ending June 30.

\*\* Includes out of period adjustments

Source: Ethiopian Airlines

TABLE A23: ETHIOPIAN AIRLINES OPERATING STATISTICS

I T E M	1980	1980/81*	1981/82*	1982/83*	1983/84*
Average-Miles per passenger					
International	2,896	1,595	1,648	1,686	1,687
Domestic	894	225	231	238	262
Average	2,691	1,424	1,385	1,384	1,310
Revenue Passenger-Miles ('000)					
International	395,285	440,225	445,464	462,213	464,728
Domestic	6,565	8,806	41,191	17,188	25,957
TOTAL	401,850	449,031	459,655	479,401	490,685
Revenue Freight Carried(Long Töns)					
International	6,753	6,574	9,240	844	12,120
Domestic	1,998	2,022	2,150	220	4,695
TOTAL	8,751	8,596	11,390	1,064	16,815
Revenue Freight Ton-miles ('000)					
International	14,410	10,517	14,397	14,311	18,093
Domestic	870	860	900	1,040	2,051
TOTAL	15,280	11,377	15,297	15,351	20,144
Revenue plane-miles ('000)	8,344	7,002	9,380	790,958	123,200
Pay Load Factor (%)	56	55	54.7	63	54.5

\* Year Ending June 30.

Source : Ethiopian Airlines

TABLE A24: NUMBER AND TYPE OF AIRCRAFTS OF ETHIOPIAN AIRLINES USED FOR INTERNATIONAL AND DOMESTIC SERVICES

Category	Type of Aircraft	1980			1980/81*			1981/82*			1982/83*			1983/84*		
		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	-	-	-	-	-	-	-	-	1	-	1	
	DC - 6B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Intercontinental B707 - 320C	1	-	1	1	-	1	1	-	1	1	-	1	1	1	2
	Stratoliner 720 - B	5	-	5	5	-	5	5	-	5	5	-	5	5	-	5
	TOTAL	7	-	7	6	-	6	6	-	6	6	-	6	7	1	8
Tri-Engine	Boeing 727 - 200	2	1	3	3	-	3	3	-	3	3	-	3	3	-	3
2 Engines	Boeing 767 - 250	-	-	-	-	-	-	-	-	-	-	-	2	-	2	
	Douglas DC - 3/C - 47	7	-	7	8	-	8	9	-	9	11	-	11	10	-	10
	Light Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	4	-	4
	Dash - 5	-	-	-	2	-	2	2	-	2	2	-	2	2	-	2
	TOTAL	7	-	7	10	-	10	11	-	11	13	-	13	16	-	16
	GRAND TOTAL	16	1	17	19	-	19	20	-	20	22	-	22	28	1	29

\* Year Ending June 30

Source : Ethiopian Air Line

65

TABLE A25:

DOMESTIC PASSENGERS BY ORIGIN, DESTINATION  
AND MAJOR AIRPORTS, 1980

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	15,630	3,893	68	2,389	22,980
ASA	-	-	-	-	-	-	-
ASM	17,511	-	-	4	-	2,827	20,342
DIR	5,000	-	-	-	-	36	5,036
JIM	67	-	-	-	-	313	380
OTHERS	2,843	-	2,827	4	446	1,889	8,009
TOTAL	25,421	-	19,457	3,901	514	7,454	56,747

TABLE A25: (CONT'D), 1980/81\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	2	2,233	2,147	195	5,318	9,895
ASA	9	-	-	-	-	-	9
ASM	1,929	-	-	-	-	4,879	6,808
DIR	2,720	-	-	-	-	-	2,720
JIM	240	-	-	-	-	1,094	1,334
OTHERS	5,710	-	4,982	-	1,260	5,383	17,335
TOTAL	10,608	2	7,215	2,147	1,455	16,674	38,101

N.B. ADD Addis Ababa  
 ASA Assala  
 ASM Asmara  
 DIR Dire Dawa  
 JIM Jinma

TABLE A25: (CONT'D), 1981/82\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	845	18,340	8,229	260	10,130	37,804
ASA	809	-	740	29	-	109	1,687
ASM	18,887	806	-	-	-	8,244	27,937
DIR	10,141	22	-	-	-	-	10,163
JIM	349	-	-	-	-	1,300	1,649
OTHERS	10,083	57	7,990	-	1,315	11,800	31,245
TOTAL	40,269	1,730	27,070	8,258	1,575	31,583	110,845

TABLE 25: (CONT'D) 1982/83\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	575	21,694	13,921	420	11,015	47,625
ASA	716	-	1,191	-	-	35	1,942
ASM	20,615	820	-	-	-	7,653	29,088
DIR	11,363	-	-	-	-	-	11,363
JIM	389	-	-	-	-	16	405
OTHERS	10,629	79	8,485	-	1,187	14,548	34,928
TOTAL	43,712	1,474	31,370	13,921	1,607	33,267	125,351

TABLE A25: (CONT'D) 1983/84\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	1,457	23,223	17,339	765	11,810	54,594
ASA	1,500	-	1,374	19	-	65	2,958
ASM	21,308	1,050	-	23	-	9,350	31,731
DIR	12,449	62	16	-	-	84	12,611
JIM	571	-	-	-	-	800	1,371
OTHERS	13,803	215	9,692	335	2,018	22,045	48,108
<b>TOTAL</b>	<b>49,631</b>	<b>2,784</b>	<b>34,305</b>	<b>17,716</b>	<b>2,783</b>	<b>44,154</b>	<b>151,373</b>

\* Year Ending June 30.

Source: Ethiopian Airlines.

TABLE A26: DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN,  
DESTINATION AND MAJOR AIRPORTS, 1980

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	1,553	53	4	19	1,629
ASA	-	-	-	-	-	-	-
ASM	1,426	-	-	-	-	8	1,434
DIR	16	-	-	-	-	-	16
JIM	1	-	-	-	-	1	2
OTHERS	4	-	6	-	6	51	67
TOTAL	1,447	-	1,559	53	10	79	3,148

TABLE A26: (CONT'D) 1980/81\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	1,004	10	5	33	1,052
ASA	-	-	-	-	-	-	-
ASM	890	-	-	-	-	14	904
DIR	3	-	-	-	-	-	3
JIM	3	-	-	-	-	12	15
OTHERS	18	-	9	-	2	19	48
TOTAL	914	-	1,013	10	7	78	2,022

TABLE A26: (CONT'D) 1981/82\*

FROM	TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	19	2,439	87	11	54	2,610
ASA		7	-	4	-	-	-	11
ASM		1,160	19	-	-	-	53	1,232
DIR		58	-	-	-	-	-	58
JIM		12	-	-	-	-	13	25
OTHERS		62	1	32	2,475	39	43	147
TOTAL		1,299	39	2,475	87	20	163	4,083

TABLE A26: (CONT'D) 1982/83\*

FROM	TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD		-	10	1,403	139	420	64	2,036
ASA		25	-	19	-	-	-	44
ASM		2,122	3	-	-	-	20	2,145
DIR		133	-	-	-	-	-	133
JIM		9	-	-	-	-	-4	13
OTHERS		67	-	28	-	11	63	169
TOTAL		2,356	13	1,450	139	431	151	4,540



TABLE A27: DOMESTIC MAIL TRAFFIC IN KILOGRAMMES BY ORIGIN,  
DESTINATION AND MAJOR AIRPORTS, 1980

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	57,211	423	3	4,046	61,683
ASA	-	-	-	-	-	-	-
ASM	25,213	-	-	-	-	1,427	26,640
DIR	65	-	-	-	-	284	349
JIM	39	-	-	-	-	241	280
OTHERS	1,676	-	675	-	52	1,558	3,961
TOTAL	26,993	-	57,886	423	55	7,556	92,913

TABLE A27: (CONT'D), 1980/81\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	3,798	36	102	7,679	11,615
ASA	-	-	-	-	-	-	-
ASM	3,016	-	-	-	-	2,164	5,180
DIR	-	-	-	-	-	4	4
JIM	48	-	-	-	-	457	505
OTHERS	3,223	-	1,789	-	125	2,345	7,482
TOTAL	6,287	-	5,587	36	227	12,649	24,786

TABLE A27: (CONT'D), 1981/82\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	3	55,043	125	34	8,453	63,658
ASA	-	-	315	-	-	4	319
ASM	25,852	256	-	-	-	2,911	29,019
DIR	-	-	-	-	-	-	-
JIM	34	-	-	-	-	579	613
OTHERS	3,181	-	2,173	-	139	1,427	6,920
TOTAL	29,067	259	57,531	125	173	13,374	100,529

TABLE A27: (CONT'D) 1982/83\*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	31,000	-	-	2,000	33,000
ASA	-	-	-	-	-	-	-
ASM	70,000	-	-	-	-	2,000	72,000
DIR	-	-	-	-	-	-	-
JIM	-	-	-	-	-	-	-
OTHERS	12,000	-	4,000	-	-	2,000	18,000
TOTAL	82,000	-	35,000	-	-	6,000	123,000

TABLE A27: (CONT'D), 1983/84

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	-	173,191	-	-	28,760	201,951
ASA	-	-	-	-	-	-	-
ASM	67,808	-	-	-	-	9,197	77,005
DIR	-	-	-	-	-	-	-
JIM	-	-	-	-	-	1	1
OTHERS	4,079	-	2,648	-	975	12,882	20,584
TOTAL	71,887	-	175,839	-	975	50,840	299,541

\* Year Ending June 30.

Source: Ethiopian Airlines

## II. COMMUNICATIONS STATISTICS

### Postal Service Statistics

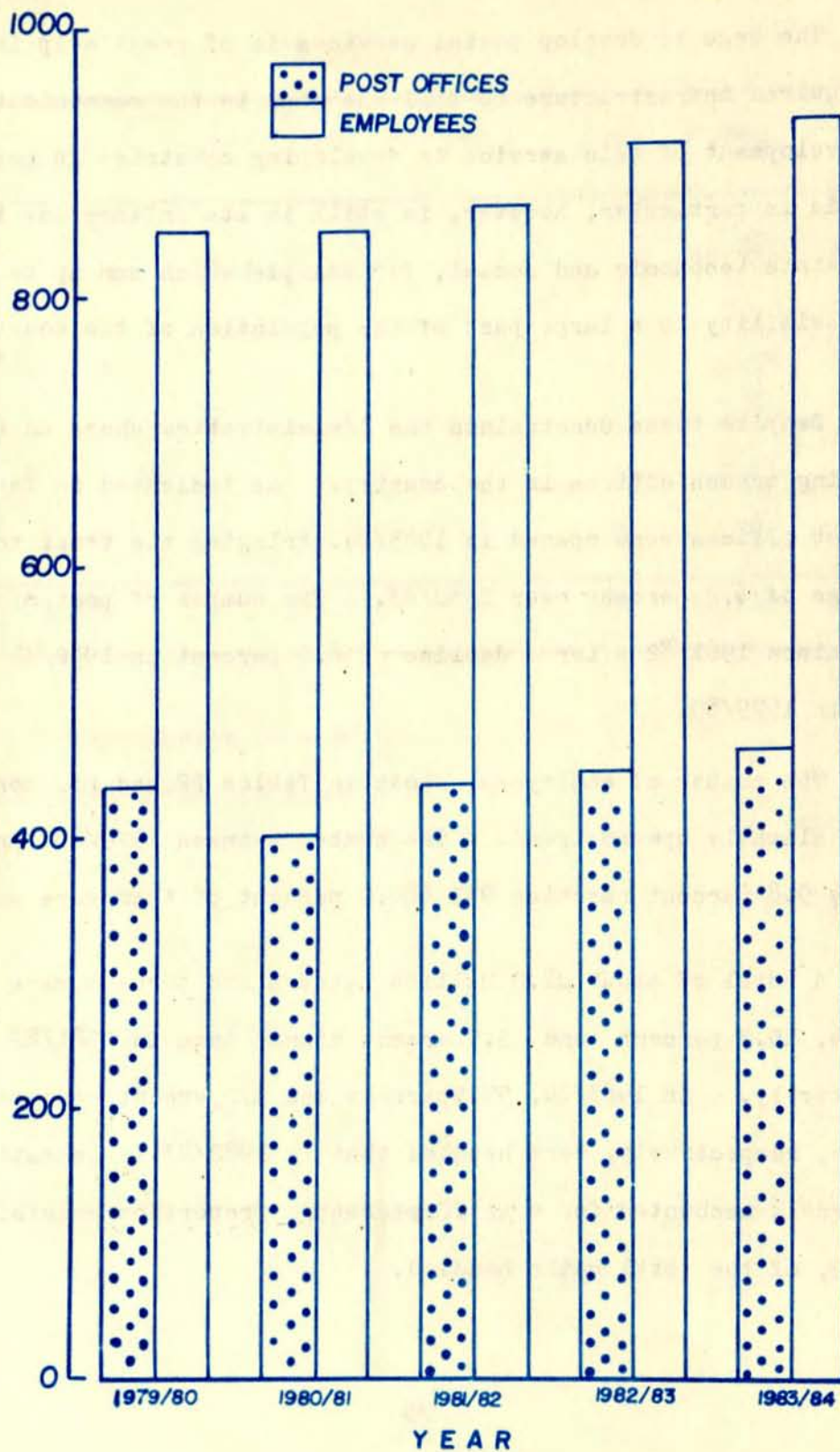
The urge to develop postal services is of great help in expanding the required infrastructure to fill the gaps in the communications sector. The development of this service in developing countries in general and in Ethiopia in particular, however, is still in its infancy due to various constraints (economic and social, for example) which sum up to the inaccessibility to a large part of the population of the country.

Despite these Constraints the Administration shows an endeavor to expanding branch offices in the country. As indicated in Table P1 18 new post offices were opened in 1983/84, bringing the total to 466, an increase of 6.2 percent over 1982/83. The number of post offices had risen since 1981/82 after a decline of 8.0 percent in 1980/81 from the level in 1979/80.

The number of employees, shown in Tables P2 and P3, continued to show a slightly upward trend. The number between 1979/80 and 1983/84 grew by 9.8 percent reaching 933 (80.9 percent of them were male employees).

A total of about 28.0 Million letters and parcels were handled in 1983/84, 15.2 percent and 3.5 percent higher than in 1981/82 and 1982/83 respectively. In 1983/84, 57.9 percent and 3.0 percent more parcels and letters, respectively, were handled than in 1982/83. Domestic letters and parcels accounted for over 70 percent, a proportion maintained since 1981/82, of the total mails handled.

# NUMBER OF POST OFFICE & EMPLOYEES IN ETHIOPIA



**TABLE P1: NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION\***

ADMINISTRATIVE REGION	NUMBER OF POST OFFICES				
	1979/80	1980/81	1981/82	1982/83	1983/84
Arssi	13	12	13	13	13
Bale	11	11	11	11	12
Eritrea	34	35	32	37	38
Gamo Gofa	8	8	9	10	11
Gojam	20	19	19	20	23
Gondar	29	29	31	29	31
Hararghe	50	51	50	53	55
Illubabor	13	13	13	13	13
Keffa	24	27	24	23	25
Shewa	108	109	113	110	112
Sidamo	29	29	30	30	33
Tigrai	26	28	22	28	18
Wollega	29	27	27	29	31
Welo	45	44	45	41	50
Assab Administration	-	-	1	1	1
<b>T O T A L</b>	<b>439</b>	<b>404</b>	<b>440</b>	<b>448</b>	<b>466</b>

\* Year Ending July 7

Source : Post Office Service Administration

TABLE P2: NUMBER OF EMPLOYEES OF POST OFFICE SERVICE ADMINISTRATION BY ADMINISTRATIVE REGION AND SEX\*

Administrative Region	1979/80			1980/81			1981/82			1982/83			1983/84		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Arssi	...	...	8	...	...	7	...	...	7	...	...	8	7	1	8
Bale	...	...	7	...	...	8	...	...	7	...	...	8	7	1	8
Eritrea	...	...	112	...	...	105	...	...	103	...	...	102	91	13	104
Gamo Fofa	...	...	6	...	...	7	...	...	7	...	...	7	6	1	7
Gojjam	...	...	10	...	...	14	...	...	14	...	...	14	15	1	16
Gondar	...	...	20	...	...	19	...	...	19	...	...	21	16	3	19
Hararghe	...	...	51	...	...	52	...	...	51	...	...	56	42	10	52
Illubabor	...	...	12	...	...	17	...	...	17	...	...	16	15	1	16
Keffa	...	...	23	...	...	24	...	...	23	...	...	19	17	4	21
Shewa	...	...	520	...	...	514	...	...	533	...	...	561	449	134	583
Sidamo	...	...	15	...	...	22	...	...	17	...	...	26	22	2	24
Tigray	...	...	23	...	...	26	...	...	28	...	...	26	24	-	24
Wollega	...	...	23	...	...	18	...	...	17	...	...	22	18	3	21
Wello	...	...	20	...	...	17	...	...	20	...	...	24	21	2	23
Assab Administration	...	...	-	...	...	-	...	...	8	...	...	6	5	2	7
TOTAL	...	...	850	...	...	850	...	...	871	...	...	916	755	178	933

\* Year Ending July 7

Source : Post Office Service Administration.

TABLE P3: NUMBER OF EMPLOYEES OF POST OFFICE SERVICE ADMINISTRATION BY SALARY GROUP AND SEX

SALARY GROUP	1981/82			1982/83			1983/84		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	...	...	255	...	...	228	172	67	239
150 - 249	...	...	277	...	...	305	237	65	302
250 - 349	...	...	156	...	...	175	148	21	169
350 - 449	...	...	91	...	...	102	81	20	101
450 - 549	...	...	63	...	...	75	82	3	85
550 - 649	...	...	13	...	...	18	18	2	20
650 - 749	...	...	5	...	...	4	4	-	4
750 - 849	...	...	7	...	...	5	9	-	9
850 - 949	...	...	1	...	...	1	1	-	1
950 - 1049	...	...	2	...	...	2	2	-	2
1050 - 1149	...	...	-	...	...	-	-	-	-
1150 - 1249	...	...	-	...	...	-	-	-	-
1250 - 1349	...	...	1	...	...	1	1	-	1
1350 & above	...	...	-	...	...	-	-	-	-
TOTAL	...	...	871	...	...	916	755	178	933

\* Year Ending July 7

Source : Post Office Service Administration.

TABLE P4: NUMBER OF MAILS HANDLED BY TYPE OF MAIL TRAFFIC\*

MAIL TRAFFIC	NUMBER OF MAILS		
	1981/82	1982/83	1983/84
<b>A. <u>DOMESTIC MAIL</u></b>			
Letters**	18,474,100	19,218,300	19,743,300
Parcels	25,000	23,200	30,800
TOTAL	18,499,100	19,241,500	19,774,100
<b>B. <u>INTERNATIONAL MAIL</u></b>			
<b>I. INCOMING INT-ERNATIONAL</b>			
Letters**	3,528,900	3,757,300	4,012,800
Parcels	70,400	43,500	79,000
TOTAL	3,599,300	3,800,800	4,091,800
<b>II. OUTGOING INTERNATIONAL</b>			
Letters**	2,158,200	3,969,200	3,988,200
Parcels	6,400	4,900	8,000
TOTAL	2,164,600	3,974,100	4,096,200
<b>GRAND TOTAL</b>	<b>24,263,000</b>	<b>27,016,400</b>	<b>27,962,100</b>

\* Year Ending July 7 . . . . .

\*\* Includes only 2nd class letters and small packets for 1981/82

Source: Post Office Service Administration.

## Telecommunications Statistics

The earth satellite station, stationed around 17 Kms. north-west of Addis Ababa with the latest radio and television receiving facilities, improves telephone and telex links and other communications network. The Ethiopian Telecommunication Service Administration is under expanding communication services within the country and with the rest of the world. The progress made in the provision of telecommunications can be seen in the Tables which include the number of employees engaged, telephone lines and apparatus and public telephones in use, financial operation of the service, and number of telephone calls.

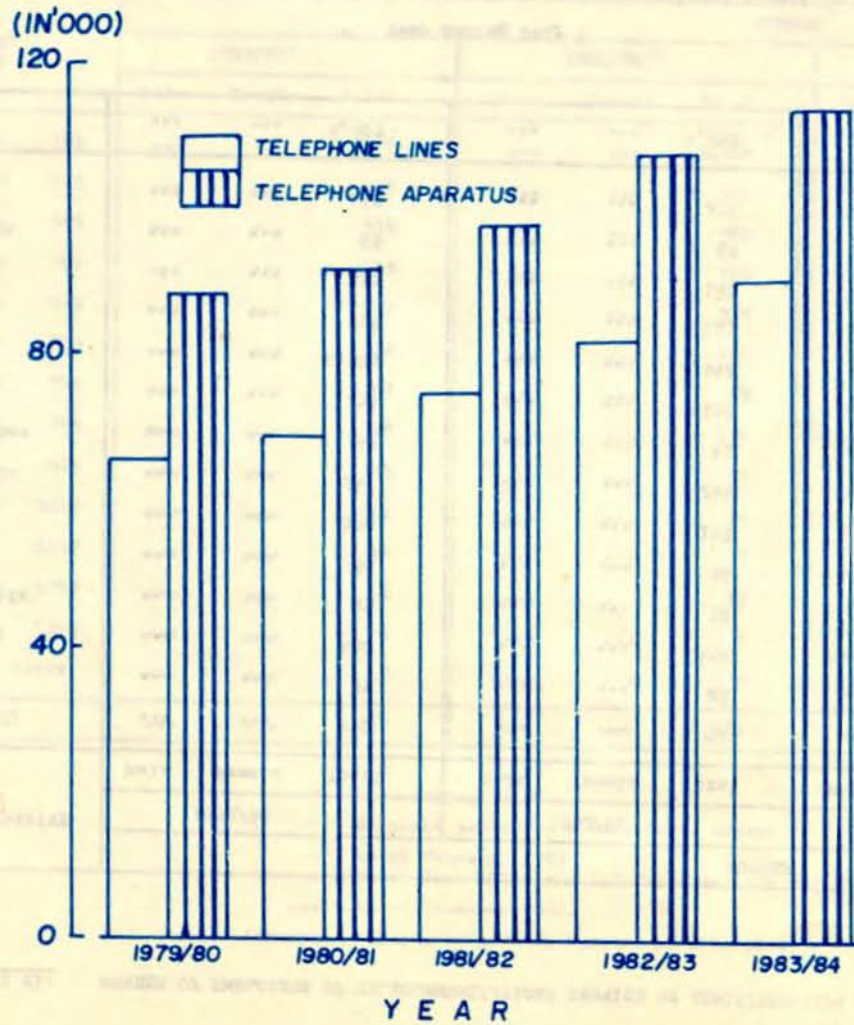
The Administration in 1983/84 employed 5,036 (3,389 male and 1,647 female) persons, recording an increase of 431 and 96 or 9.4 percent and 1.9 percent over those of 1979/80 and 1982/83 respectively. The number of persons engaged in Shoa Region slightly contracted from its level of 63.5 percent of the total in 1979/80 to 61.1 percent in 1983/84. It should be remembered that Addis Ababa is in Shoa Region.

Telephone lines and apparatus, numerically, rose fairly. As indicated in Table T6 the lines and apparatus in 1983/84 increased by 36.7 percent and 28.3 percent from the level in 1979/80 reaching 89,844 and 113,155 respectively. During the years under review (1979/80 - 1983/84) Addis Ababa took the largest share with a minimum of 54.0 percent of lines and 59.0 percent of apparatus in 1979/80 and a maximum of 58.5 percent of lines and 61.6 percent of apparatus in 1982/83. In 1983/84 however, the share declined to 57.5 percent and 60.9 percent.

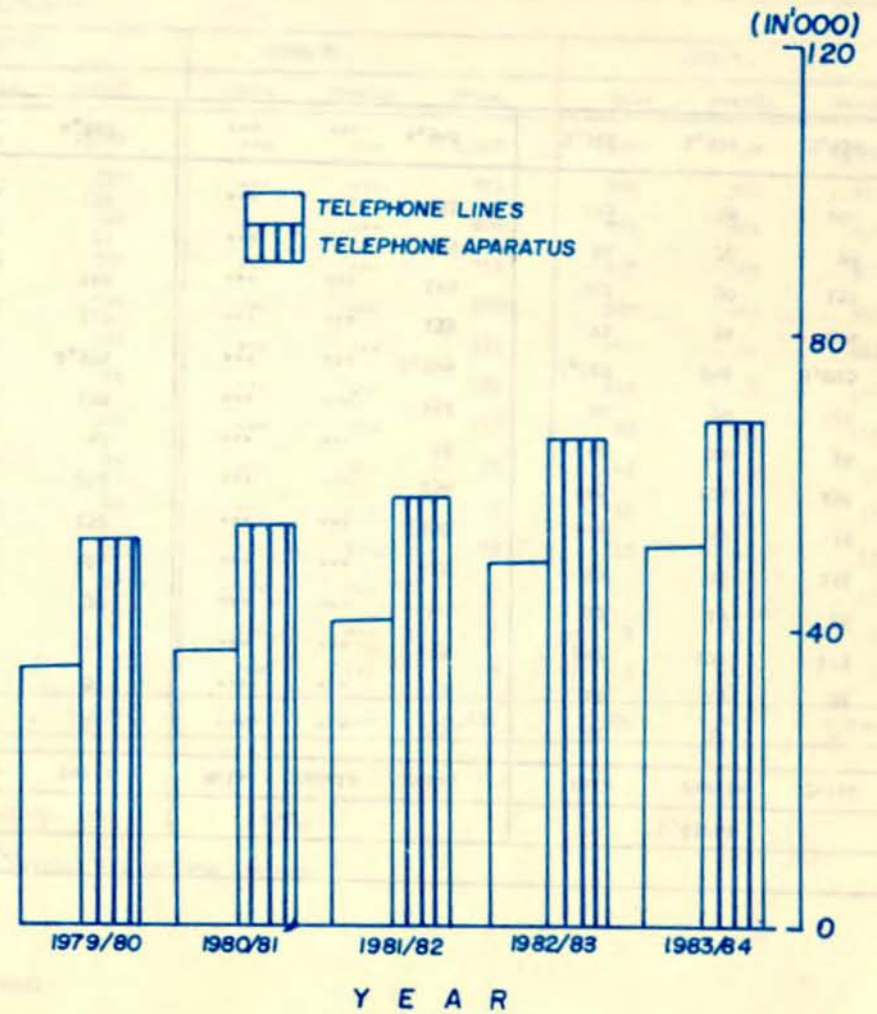
Another improvement in the area of communications is the installation of additional public telephones in use in selected urban areas. In 1983/84 the total number of public telephones in use rose to 845, showing an increase of 3.7 percent in comparison with the number in 1982/83, of this Addis Ababa took a significant sum (70.1 percent).

Details of the financial operations of the Administration are shown in Tables T4 and T5. Financially the Service operated well and the revenue increased from year to year reaching 80.6 million Birr in 1983/84, where 54.4 percent of the total was collected from urban telephone. The Administration's expenditure in 1983/84 was some 68.2 million Birr, 4.0 percent higher than the level in 1982/83. Of the total expenditure 26.9 percent was utilized as salaries and wages, compared with 19.7 percent during the previous year. In 1983/84 a profit of 12.4 million Birr, 32.7 percent higher than the preceding year, was achieved.

NUMBER OF TELEPHONE IN USE  
IN ETHIOPIA



NUMBER OF TELEPHONE IN USE  
IN ADDIS ABABA



**TABLE T1: NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS SERVICE BY ADMINISTRATIVE REGION AND SEX\***

ADMINISTRATIVE REGION	NUMBER OF EMPLOYEES**														
	1979/80			1980/81			1981/82			1982/83			1983/84		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Arsi	...	...	47	...	...	52	...	...	62	...	...	65	22	38	60
Bale	...	...	25	...	...	28	...	...	30	...	...	35	16	19	35
Eritrea	...	...	430	...	...	458	...	...	473	...	...	493	307	172	479
Gamo Gofa	...	...	29	...	...	32	...	...	35	...	...	40	13	13	26
Gojam	...	...	86	...	...	96	...	...	104	...	...	115	72	79	151
Gondar	...	...	140	...	...	148	...	...	152	...	...	167	106	67	173
Hararge	...	...	241	...	...	244	...	...	248	...	...	254	145	111	256
Illubabor	...	...	43	...	...	41	...	...	42	...	...	48	40	24	64
Keffa	...	...	151	...	...	151	...	...	157	...	...	158	91	70	161
Shewa	...	...	2,925	...	...	2,942	...	...	2,991	...	...	3,025	2,229	846	3,075
Sidamo	...	...	118	...	...	113	...	...	119	...	...	135	71	53	124
Tigray	...	...	133	...	...	142	...	...	148	...	...	145	103	50	153
Wollega	...	...	68	...	...	68	...	...	77	...	...	79	41	36	77
Wello	...	...	169	...	...	176	...	...	187	...	...	181	133	69	202
<b>TOTAL</b>	...	...	<b>4,605</b>	...	...	<b>4,691</b>	...	...	<b>4,825</b>	...	...	<b>4,940</b>	<b>3,385</b>	<b>1,647</b>	<b>5,036</b>

\* Year Ending July 7

\*\* Contract Employees are included except in 1981/82.

Source: Telecommunications Service of Ethiopia.

TABLE T2: NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS SERVICE BY SALARY GROUP AND SEX\*

SALARY GROUP	NUMBER OF EMPLOYEES**														
	1979/80 <sup>+</sup>			1980/81 <sup>++</sup>			1981/82 <sup>+++</sup>			1982/83			1983/84		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	...	...	1,472	...	...	1,584	...	...	1,641	...	...	1,511	830	470	1,300
150 - 249	...	...	913	...	...	917	...	...	917	...	...	911	754	361	1,115
250 - 349	...	...	538	...	...	560	...	...	560	...	...	803	551	303	854
350 - 449	...	...	603	...	...	595	...	...	595	...	...	531	427	149	576
450 - 549	...	...	427	...	...	510	...	...	510	...	...	529	299	268	567
550 - 649	...	...	136	...	...	124	...	...	124	...	...	193	204	57	261
650 - 749	...	...	82	...	...	89	...	...	89	...	...	136	135	23	158
750 - 849	...	...	99	...	...	104	...	...	104	...	...	113	98	14	112
850 - 949	...	...	45	...	...	47	...	...	47	...	...	47	42	1	43
950 - 1049	...	...	11	...	...	16	...	...	10	...	...	9	12	-	12
1050 - 1149	...	...	14	...	...	7	...	...	13	...	...	12	13	-	13
1150 - 1249	...	...	18	...	...	17	...	...	17	...	...	15	10	1	11
1250 - 1349	...	...	4	...	...	6	...	...	6	...	...	7	9	-	9
1350 & above	...	...	5	...	...	5	...	...	5	...	...	5	5	-	5
TOTAL	...	...	4,367	...	...	4,581	...	...	4,638	...	...	4,822	3,389	1,647	5,036

\* Year Ending July?

\*\* Contract employees are included except in 1981/82 and 1982/83.

+ As at February 1980

++ As at June 1981, and 110 Employees are not listed in the payroll for various reasons.

+++ As at December 1981.

Source: Telecommunications Service of Ethiopia.

**TABLE T3: NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS SERVICE BY OCCUPATION AND SEX\***

OCCUPATION	1979/80			1980/81			1981/82			1982/83			1983/84		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Managerial Personnel	...	...	51	...	...	47	...	...	45	...	...	42	46	1	47
Technical Personnel	...	...	1,526	...	...	1,557	...	...	1,557	...	...	1,548	1,574	15	1,589
Traffic Personnel	...	...	1,375	...	...	1,414	...	...	1,464	...	...	1,557	406	1,179	1,585
Administrative Personnel	...	...	775	...	...	775	...	...	829	...	...	864	609	277	886
Others	...	...	878	...	...	898	...	...	930	...	...	929	754	175	929
<b>TOTAL</b>	...	...	<b>4,605</b>	...	...	<b>4,691</b>	...	...	<b>4,825</b>	...	...	<b>4,940</b>	<b>3,389</b>	<b>1,647</b>	<b>5,036</b>

\* Year Ending July 7

Source : Telecommunications Service of Ethiopia.

TABLE T4: REVENUE OF TELECOMMUNICATIONS SERVICE BY SOURCE (IN '000 BIRR)\*

SOURCE	1979/80	1980/81	1981/82	1982/83**	1983/84**
<u>URBAN TELEPHONE</u>	23,908	33,369	38,828	42,010	43,843
Initial Subscription	1,079	2,256	1,975	1,723	1,928
Rent	6,537	6,942	8,433	8,461	9,394
Moves and Charges	263	308	247	289	362
Urban calls	16,029	23,863	28,173	31,537	32,159
<u>INTERURBAN TELEPHONE</u>	13,092	15,814	17,814	19,417	23,039
Inland calls	8,182	7,709	7,157	7,226	7,967
International calls	4,771	8,010	10,554	12,081	14,934
Radio Licence	139	95	103	110	138
<u>TELEGRAPH</u>	3,726	3,391	3,971	4,034	3,379
Inland Telegrams	460	445	491	515	601
International Telegrams	2,279	1,962	1,663	1,754	980
Other Telegraph Services	987	984	1,817	1,765	1,798
<u>TELEX</u>	6,351	6,377	7,018	9,442	8,197
Urban	774	783	926	900	4
Interurban	203	250	245	257	283
Foreign	5,374	5,344	5,847	6,165	6,838
Other Telex Services	-	-	-	-	1,072
<u>MISCELLANEOUS</u>	724	1,106	1,596	2,120	2,146
<b>TOTAL REVENUE</b>	<b>47,801</b>	<b>60,057</b>	<b>69,227</b>	<b>74,903</b>	<b>80,604</b>

\* Year Ending July 7

\*\* Provisional

Source: Telecommunications Service of Ethiopia.

TABLE T5: EXPENDITURE OF TELECOMMUNICATIONS SERVICE BY PURPOSE (IN '000 BIRR)\*

PURPOSE	1979/80	1980/81	1981/82	1982/83**	1983/84**
Personnel Emolument	4,989	5,357	12,754	12,937	18,343
Training	468	689	237	198	273
Maint. and depreciation of Telephone					
i) Urban Telephone	9,034	10,787	6,978	9,870	5,473
ii) Interurban Telephone	7,675	8,269	8,134	9,899	2,872
Maint. and depreciation of Telegraph	2,437	3,245	1,827	2,435	432
Maint. and depreciation of Telex	554	869	557	790	435
Maint. and depreciation of Building	1,578	1,746	1,535	932	830
Depreciation of furniture and equipment	109	107	195	204	409
Interest on loan	6,774	7,156	5,576	5,204	5,240
Provision for profit tax	2,999	6,562	8,769	9,520	12,711
Capital charge	4,768	5,232	5,890	6,386	7,018
Miscellaneous	3,583	3,622	6,207	7,158	14,130
<b>TOTAL EXPENDITURE</b>	<b>44,968</b>	<b>53,641</b>	<b>58,669</b>	<b>65,533</b>	<b>68,166</b>

\* Year Ending July 7

\*\* Provisional

Source: Telecommunications Service of Ethiopia.

**TABLE T6: NUMBER OF TELEPHONES IN USE BY ADMINISTRATIVE REGION, CAPITAL CITIES AND OTHER TOWNS**

Year*	A R S S I				B A L E				G O N D A R			
	Assela		Others Towns		Goba		Other Towns		Gondar		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1979/80	295	461	148	149	216	255	139	141	960	1,405	1,533	1,831
1980/81	346	529	267	269	229	270	167	170	942	1,300	548	566
1981/82	340	355	261	263	245	287	186	190	923	1,267	603	622
1982/83	339	551	299	301	255	329	208	237	923	1,268	629	650
1983/84	379	574	292	297	283	360	242	274	932	1,281	729	750

**TABLE T6: (CONT'D)**

Year*	E R I T R E A				G A M O G O F A				G O J J A M			
	Asmara		Other Towns		Arba Minch		Other Towns		Debre Markos		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1979/80	8,574	10,706	2,000	2,473	202	228	46	49	427	657	736	946
1980/81	9,028	11,190	1,713	2,215	232	258	51	54	468	567	874	970
1981/82	9,214	11,514	1,971	2,485	238	265	54	57	482	581	897	995
1982/83	9,141	11,564	2,391	3,026	253	292	86	89	510	610	1,104	1,199
1983/84	9,817	12,086	2,804	3,458	284	339	104	107	615	715	1,304	1,399

TABLE T6: (CONT'D)

Year*	H A R A R G H E				I L L U B A B O R				K E F F A			
	Harar		Other Towns		Mettu		Other Towns		Jimma		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1979/80	992	1,146	2,185	2,540	175	175	228	232	1,173	1,194	1,184	1,348
1980/81	983	1,138	2,385	2,777	206	237	243	244	1,223	1,414	584	593
1981/82	989	1,171	2,691	3,093	245	272	302	310	1,263	1,450	593	601
1982/83	997	1,186	2,973	3,433	253	280	328	336	1,333	1,527	641	652
1983/84	930	1,135	3,140	3,610	274	301	346	354	1,441	1,667	682	694

TABLE T6: (CONT'D)

Year*	S H E W A				S I D A M O				T I G R A I			
	Addis Ababa		Other Towns		Awassa		Other Towns		Mekele		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1979/80	35,458	52,052	4,695	5,749	379	463	690	337	527	560	584	607
1980/81	37,807	54,732	4,907	5,795	497	582	1,203	1,284	560	598	782	946
1981/82	41,685	58,841	5,479	6,425	547	670	1,279	1,361	800	858	609	632
1982/83	49,029	66,175	5,970	6,789	589	788	1,320	1,414	844	946	616	641
1983/84	51,685	68,872	6,696	7,272	654	900	1,436	1,542	872	993	747	770

TABLE T6: (CONT'D)

Year*	W O L L E G A				W E L L O				T O T A L	
	Nekemte		Other Towns		Dessie		Other Towns			
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1979/80	280	380	379	385	905	980	604	735	65,714	88,184
1980/81	357	435	433	433	922	992	835	995	68,792	91,551
1981/82	394	488	530	535	921	975	821	1,039	74,562	97,782
1982/83	400	494	558	563	948	1,026	861	1,019	83,798	107,385
1983/84	388	388	614	614	1,210	1,296	944	1,107	89,844	113,155

\* Year Ending July 7

Source : Telecommunications Service of Ethiopia.

TABLE T7: PUBLIC TELEPHONES (COIN BOX TELEPHONES) BY SELECTED URBAN AREAS

URBAN AREAS	Y E A R*				
	1979/80	1980/81	1981/82	1982/83	1983/84
Addis Ababa	468	478	535	583	592
Asmara	70	71	70	74	79
Dire Dawa	20	19	19	19	19
Jimma	32	32	32	32	32
Harar	12	12	12	13	13
Dessie	16	17	16	16	18
Gondar	17	17	16	16	16
Massawa	4	5	5	12	20
Assab	18	18	18	17	17
Nazareth	8	8	10	11	13
Shashemene	5	5	5	5	7
Awassa	-	4	4	4	4
Mekele	-	3	4	4	4
Bahir Dar	-	-	-	9	11
T O T A L	670	689	746	815	845

\* Year Ending July \*

Source: Telecommunications Service of Ethiopia.

TABLE 78: NUMBER OF INTER - URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE CAPITAL CITIES, 1980/81\*

FROM \ TO	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemete
Addis Ababa	-	10,614	22,011	33,857	17,255	27,626	10,883	13,896	40,112	15,373	13,352	34,377	11,184	20,412
Arba Minch	12,620	-	78	203	1,145	67	132	164	84	140	111	80	43	52
Assella	24,899	30	-	399	161	36	165	130	22	445	118	114	93	206
Asmara	26,452	103	-	-	211	510	978	274	4,774	721	339	14,338	122	295
Awassa	17,891	1,138	466	448	-	236	345	1,922	140	334	257	304	29	117
Debre Marcos	28,708	37	173	776	235	-	244	174	2,079	251	338	281	32	214
Dessie	16,190	56	55	1,467	47	110	-	36	245	93	139	2,365	15	105
Goba	23,615	249	417	428	1,939	223	262	-	155	422	238	144	64	161
Gondar	42,068	17	149	7,101	157	1,675	756	86	-	305	320	1,469	54	126
Harar	...	...	...	...	...	...	...	...	...	-	...	...	...	...
Jimma	14,377	103	293	473	158	289	241	125	288	149	-	239	3,685	717
Mekelle	47,133	97	-	24,883	147	103	6,356	25	410	375	283	-	46	294
Mettu	1,881	4	15	29	2	5	15	7	5	29	602	3	-	48
Nekemete	23,571	18	540	207	95	59	73	17	48	161	218	41	61	-

TABLE T8 (CONT'D), 1981/82\*

FROM \ TO	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemete
Addis Ababa		11,211	21,976	36,408	7,168	31,046	9,126	14,182	17,879	12,080	12,901	11,900	14,454	23,370
Arba Minch	13,389	-	83	139	1,124	81	113	150	59	107	142	104	53	20
Assella	25,093	95	-	568	357	124	161	130	193	365	228	132	92	185
Asmara	31,292	166	-	-	151	688	1,193	258	3,400	750	330	6,982	148	296
Awassa	10,182	1,136	455	361	-	233	262	1,828	130	265	165	211	72	218
Debre Marcos	24,877	29	167	791	186	-	214	62	2,389	263	188	257	91	149
Dessie	11,928	27	57	1,540	40	144	-	24	113	178	134	1,427	66	131
Goba	18,690	233	408	461	2,205	174	141	-	132	388	218	210	38	126
Gondar	17,988	34	174	4,455	96	2,456	246	70	-	184	120	757	69	165
Harar**	8,456	30	245	295	65	104	89	97	100	-	120	75	37	66
Jimma	10,766	119	302	482	108	327	226	112	139	111	-	135	3,699	809
Mekelle	14,174	62	-	11,152	90	148	2,298	86	627	134	241	-	144	196
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Nekemete	27,214	60	219	338	180	246	307	76	109	267	773	288	214	-

\* Year Ending July 7

\*\* Figures are for half of the year only, i.e., January - June 1982

TABLE T8 (CONT'D), 1982/83\*

FROM \ TO	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemete
Addis Ababa	-	16,146	20,104	32,970	7,666	29,024	8,959	10,530	9,821	11,332	13,954	12,499	9,376	20,154
Arba Minch	18,593	-	157	178	1,350	99	112	114	59	95	173	229	58	64
Assella	19,694	52	-	517	277	88	177	154	140	381	255	117	45	178
Asmara	34,942	46	-	-	233	1,692	1,367	64	2,924	927	501	7,927	30	162
Awassa	12,087	930	177	450	-	167	266	559	265	347	228	156	103	105
Debre Marcos	29,006	55	85	621	192	-	226	75	339	250	176	185	27	87
Dessie	10,836	52	94	1,488	47	96	-	28	123	73	102	1,549	68	64
Goba	15,523	79	194	347	910	89	79	-	83	125	76	50	19	45
Gondar	10,874	30	115	3,898	85	1,430	201	32	-	118	138	686	96	78
Harar	20,218	36	160	685	235	115	205	74	128	-	235	201	66	58
Jimma	12,266	14	128	550	124	182	211	48	135	153	-	240	2,326	482
Mekelle	14,734	2	15	10,321	137	174	1,480	3	516	116	205	-	33	14
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Nekemete	27,200	45	272	776	333	221	302	175	154	489	1,211	242	176	-

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

TABLE T8: (CONT'D), 1983/84\*

TO FROM	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemte
Addis Ababa	-	16,210	20,210	32,911	7,710	29,121	8,910	10,510	9,910	11,330	13,910	12,501	9,401	21,312
Arba Minich	18,603	-	141	163	1,299	108	116	118	63	102	176	230	63	72
Assella	19,751	158	-	560	301	78	183	136	141	382	261	118	48	181
Asmara	40,190	48	6	-	323	1,710	1,502	161	3,017	750	567	10,758	35	170
Awassa	13,010	931	182	433	-	177	240	68	150	364	253	193	69	90
Debre Marcos	29,115	57	83	610	210	-	231	73	381	110	225	708	68	95
Dessie	10,378	56	96	1,519	89	169	-	21	128	102	110	1,635	73	69
Goba	15,584	81	198	351	960	92	80	-	86	128	79	52	21	46
Gondar	11,432	32	123	4,361	342	1,510	204	33	-	230	126	1,276	22	50
Harar	24,545	38	168	955	210	121	203	82	205	-	248	213	71	62
Jimma	9,064	18	132	305	183	194	181	52	164	203	-	160	2,341	502
Mekelle	16,491	3	19	8,567	179	163	1,512	7	551	245	153	-	39	18
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Nekemte	27,610	48	278	778	336	225	318	178	162	490	1,212	245	181	-

\* Year Ending July 7

Source : Telecommunications Service of Ethiopia.

## Radio and Television Statistics

A large sum of the population, in developing countries such as Ethiopia, resides in rural areas where communication is very difficult. In this situation broadcasting is a very important means of mass communication where a government communicates with the its people to improve the people's economic, social and political status.

In this area the Ethiopian Radio and Television Serivces broadcast their programmes to listeners and viewers at home and abroad. The data presented here indicate the number of employees engaged in and the annual service - hours rendered by the Ethiopian Radio and Television Services under the Ministry of Information and National Guidance, and educational service - hours presented by the Mass Media Service of the Ministry of Education.

The number of employees in the broadcasting services of the Ministry of Infromation and National Guidance went up by 10.5percent from 736 in 1982/83 to 813 in 1983/84.

Domestically there were a stock of about three million radio and forty to fifty thousand Television sets at the end of 1983/84. Radio programmes are transmitted in nine languages from three studios of the Radio Voice of Revolutionary Ethiopia located in Addis Ababa, Asmara and Harar, programmes transmitted from the latter two are meant for national service. The total service-hours allotted to in 1983/84 decreased slightly by 0.3percent. This brought the total service - hours to 6,972:00.

The Ethiopian Television Service presented its programmes in two languages, Amharic and English. As shown in Table B6 the total service - hours rendered by the service amounted to 1,586.00 out of which 58.0percent was allocated for programmes transmitted in Amharic.

Educational services through radio, rendered by the Mass Media Service of the Ministry of Education, are being expanding more or less throughout the country with 11 transmission stations. The total service - hours served in 1983/84 showed a rise of 52.5percent over 1982/83, standing at 15,855:40, the main factor being the increase in service-hours of the transmission in Amharic, 61.2percent.

**TABLE B1: NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY OF INFORMATION AND NATIONAL GUIDANCE, BY SALARY GROUP\***

SALARY GROUP	NUMBER OF EMPLOYEES				
	1979/80	1980/81	1981/82	1983/84	1983/84
50 - 149	239	171	190	185	192
150 - 249	182	99	119	124	138
250 - 349	208	133	163	137	155
350 - 449	99	78	78	74	84
450 - 549	93	59	65	70	79
550 - 649	66	64	62	63	71
650 - 749	52	31	31	33	39
750 - 849	35	36	34	29	34
850 - 949	8	6	9	6	6
950 - 1049	12	7	6	9	9
1050 - 1149	3	2	1	1	1
1150 - 1249	4	4	3	3	3
1250 - 1349	-	-	-	-	-
1350 - 1449	1	-	-	-	-
1450 - 1549	1	2	2	1	1
1550 & above	2	1	1	1	1
<b>T O T A L</b>	<b>1,005</b>	<b>693</b>	<b>764</b>	<b>736</b>	<b>813</b>

**TABLE B2: NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY OF INFORMATION AND NATIONAL GUIDANCE BY OCCUPATION**

O C C U P A T I O N	NUMBER OF EMPLOYEES				
	1979/80	1980/81	1981/82	1982/83	1983/84
Administrative Personnel	435	348	319	314	343
Radio Programmers	186	-	166	143	150
Television Programmers	70	-	84	79	99
Technical Personnel	193	141	195	200	221
Jurnalists	121	204	-	-	-
<b>T O T A L</b>	<b>1,005</b>	<b>693</b>	<b>764</b>	<b>736</b>	<b>813</b>

\* Year Ending July 7

Source: Ministry of Information and National Guidance.

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

Year*	Radio Stations	Transmitters <sup>+</sup>	Household with Radio Sets**
1979/80	3	13	3,000,000
1980/81	3	12	3,000,000
1981/82	3	13	3,000,000
1982/83	3	13	3,000,000
1983/84	3	13	3,000,000

\* Year Ending July 7

+ There are 5 - Short Wave with 100 Killowatt (Kw)  
2 Midium Wave with 100 kw, 1 Medium Wave with  
50 Kw and 1 Medium Wave with 1 Kw transmitters.  
The rest are not functioning.

**Note:-** Harar, Addis Ababa and Asmara have one radio station each.

Source: Ministry of Information and National Guidance.

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

Year**	A D D I S A B A B A S T U D I O									
	A M H A R I C					E N G L I S H*				
	News	General Information	Recreation	Commercial	Total	News	General Information	Recreation	Commercial	Total
1979/80	577:00	1575:00	421:00	38:00	2611:00	60:00	30:00	86:00	4:00	180:00
1980/81	470:00	967:00	724:00	38:00	2161:00	60:00	30:00	86:00	4:00	180:00
1981/82	438:00	1029:00	795:00	-	2262:00	-	-	-	-	-
1982/83	438:00	1029:00	795:00	-	2262:00	-	-	-	-	-
1983/84	438:00	530:00	795:00	499:00	2262:00	-	-	-	-	-

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

Year**	A D D I S A B A B A S T U D I O									
	O R O M I G N A					T I G R I G N A				
	News	General Information	Recreation	Commercial	Total	News	General Information	Recreation	Commercial	Total
1979/80	121:00	449:00	172:00	10:00	752:00	121:00	365:00	239:00	4:00	729:00
1980/81	121:00	449:00	172:00	10:00	752:00	121:00	365:00	239:00	4:00	729:00
1981/82	121:00	439:19	167:16	-	727:55	60:40	164:40	138:40	-	363:20
1982/83	121:20	439:24	167:16	-	728:00	60:40	164:42	138:40	-	363:22
1983/84	121:00	172:00	167:00	266:00	726:00	60:00	75:00	138:00	89:00	362:00

\* Transferred to International Service since 1980/81

\*\* Year Ending July 7.

TABLE B4: CONT'D)

Year*	A S M A R A S T U D I O									
	T I G R E					T I G R I G N A				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1979/80	60:00	121:00	181:00	1:00	363:00	60:00	182:00	118:00	3:00	363:00
1980/81	60:00	121:00	181:00	1:00	363:00	60:00	182:00	118:00	3:00	363:00
1981/82	60:40	139:32	163:48	-	363:20	84:56	170:44	108:20	-	363:20
1982/83	60:40	139:32	163:48	-	363:20	84:56	170:52	108:20	-	363:28
1983/84	60:00	95:00	163:00	44:00	362:00	84:00	138:00	108:00	32:00	362:00

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TABLE B4: (CONT'D)

Year*	H A R A R S T U D I O					T O T A L S E R V I C E H O U R S				
	O R O M I G N A									
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1979/80	182:00	365:00	180:00	2:00	729:00	1181:00	3087:00	1397:00	62:00	5727:00
1980/81	182:00	365:00	180:00	2:00	729:00	1014:00	2449:00	1614:00	20:00	5097:00
1981/82	121:00	378:44	227:56	-	727:40	886:36	2321:59	1601:00	-	4809:35
1982/83	121:20	378:44	227:56	-	728:00	886:56	2322:14	1601:00	-	4810:10
1983/84	121:00	163:00	227:00	214:00	725:00	884:00	1173:00	1598:00	1144:00	4799:00

\* Year Ending July 7

Source : Ministry of Information and National Guidance.

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

Year*	A M H A R I C					E N G L I S H				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1979/80	60:00	244:00	60:00	-	364:00	60:00	152:00	152:00	-	364:00
1980/81	60:00	304:00	-	-	364:00	60:00	304:00	-	-	364:00
1981/82	60:40	166:24	136:56	-	364:00	60:40	180:16	123:04	-	364:00
1982/83	60:40	134:20	136:56	32:04	364:00	60:40	117:04	123:00	63:16	364:00
1983/84	60:00	134:00	136:00	32:00	362:00	60:00	117:00	123:00	63:00	363:00

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TABLE B5: (CONT'D)

Year*	F R E N C H					A R A B I C				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1979/80	60:00	170:00	134:00	-	364:00	60:00	164:00	140:00	-	364:00
1980/81	60:00	304:00	-	-	364:00	60:00	304:00	-	-	364:00
1981/82	60:40	147:20	156:00	-	364:00	60:40	131:28	171:48	-	363:56
1982/83	60:40	104:00	156:00	43:20	364:00	60:40	104:52	171:48	26:40	364:00
1983/84	60:00	104:00	156:00	43:00	363:00	60:00	104:00	171:00	26:00	361:00

\* Year Ending July 7

Year*	S O M A L I					A F F A R					T O T A L				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1979/80	60:00	152:00	152:00	-	364:00	60:00	152:00	152:00	-	364:00	360:00	1,034:00	790:00	-	2,184:00
1980/81	60:00	304:00	-	-	364:00	60:00	304:00	-	-	364:00	360:00	1,824:00	-	-	2,184:00
1981/82	60:40	92:44	210:36	-	364:00	60:40	117:00	185:28	-	363:48	364:00	835:12	983:52	-	2,182:24
1982/83	60:40	65:00	210:36	27:44	364:00	60:40	73:40	185:28	44:12	364:00	364:00	598:56	983:48	237:16	2,184:00
1983/84	60:00	65:00	210:00	27:00	362:00	60:00	73:00	185:00	44:00	362:00	360:00	597:00	981:00	235:00	2,173:00

TABLE 55: (CONT'D)

Year*	S O M A L I					A F F A R					T O T A L				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1979/80	60:00	152:00	152:00	-	364:00	60:00	152:00	152:00	-	364:00	360:00	1,034:00	790:00	-	2,184:00
1980/81	60:00	304:00	-	-	364:00	60:00	304:00	-	-	364:00	360:00	1,824:00	-	-	2,184:00
1981/82	60:40	92:44	210:36	-	364:00	60:40	117:00	185:28	-	363:48	364:00	835:12	983:52	-	2,182:24
1982/83	60:40	65:00	210:36	27:44	364:00	60:40	73:40	185:28	44:12	364:00	364:00	598:56	983:48	237:16	2,184:00
1983/84	60:00	65:00	210:00	27:00	362:00	60:00	73:00	185:00	44:00	362:00	360:00	597:00	981:00	235:00	2,173:00

Year Ending July 7 00

Source: Ministry of Information and National Guidance.

TABLE B6: ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED

Year*	No. of Households With TV Sets**	A M H A R I C							E N G L I S H						
		News	General Information	Recreation	Commercial	Educational	Others	Total	News	General Information	Recreation	Commercial	Educational	Others	Total
1979/80	25,500	182:00	139:00	70:00	12:00	164:00	-	567:00	152:00	26:00	117:00	4:00	110:00	-	409:00
1980/81	35,000	182:00	184:00	70:00	12:00	164:00	-	612:00	152:00	26:00	117:00	4:00	110:00	-	409:00
1981/82	45,000	273:00	304:10	78:00	30:04	52:00	-	737:04	121:40	78:00	260:00	6:05	52:00	-	517:45
1982/83	45,000	233:00	479:00	90:00	10:00	72:00	36:00	920:00	112:00	220:00	294:00	4:00	24:00	12:00	666:00
1983/84	45,000-50,000	233:00	479:00	90:00	10:00	72:00	36:00	920:00	112:00	220:00	294:00	4:00	24:00	12:00	666:00

\* Year Ending July 7

\*\* Estimate by Ethiopian Television Service

Source : Ministry of Information and National Guidance.

TABLE B7: EDUCATIONAL RADIO AND TELEVISION BROADCASTING HOURS BY LANGUAGES USED

Year*	RADIO BROADCASTING HOURS								TELEVISION BROADCASTING HOURS		
	ADDIS ABABA TRANSMITTER				WOLLAYTA SODDO TRANSMITTER				Amharic	English	Total
	Amharic	English	Others	Total	Amharic	English	Others	Total			
1979/80	524:00	135:00	39:00	698:00	524:00	135:00	91:00	750:00	315:00	-	315:00
1980/81	-	-	-	-	578:00	130:00	182:00	890:00	10:00	-	10:00
1981/82	-	-	-	-	521:00	154:00	146:00	821:00	-	-	-
1982/83	-	-	-	-	695:00	110:50	260:00	1,065:50	-	-	-
1983/84	-	-	-	-	1,050:50	214:30	195:00	1,460:20	-	-	-

\* Year Ending July 7

TABLE B7: (CONT'D)

Year*	RADIO BROADCASTING HOURS											
	LEGEDADI TRANSMITTER				ALEMAYA TRANSMITTER				ROBE TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	981:00	130:00	86:00	1,197:00	241:00	-	76:00	317:00	357:00	39:00	39:00	453:00
1981/82	816:00	154:00	102:00	1,072:00	565:00	130:00	147:00	842:00	556:00	130:00	102:00	788:00
1982/83	800:00	110:50	130:00	1,040:50	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1,375:50	214:30	130:00	1,720:20	1,115:50	162:30	130:00	1,408:20	1,115:50	162:30	130:00	1,408:20

\* Year Ending July 7

TABLE B7 (CONT'D)

Year*	RADIO BROADCASTING HOURS							
	GORE TRANSMITTER				GHIMBI TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	154:00	-	8:00	162:00	154:00	-	8:00	162:00
1981/82	556:00	130:00	102:00	788:00	556:00	130:00	102:00	788:00
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1,115:50	162:30	130:00	1,408:20	1,115:50	162:30	130:00	1,408:20

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TABLE B7: (CONT'D)

Year*	RADIO BROADCASTING HOURS							
	DEBRE MARCOS TRANSMITTER				BAHRDAR TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	177:00	-	26:00	203:00	185:00	-	-	185:00
1981/82	556:00	130:00	102:00	788:00	613:00	130:00	-	743:00
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	-	805:50
1983/84	1,115:50	162:30	130:00	1,408:20	1,245:50	162:30	-	1,408:20

\* Year Ending July 7

TABLE B7: (CONT'D)

Year*	RADIO BROADCASTING HOURS							
	MEKELE TRANSMITTER				DESSI TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	-	-	-	-	161:00	-	12:00	173:00
1981/82	540:00	130:00	98:00	768:00	556:00	130:00	102:00	788:00
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1,063:50	162:30	182:00	1,408:20	1,115:50	162:30	130:00	1,408:20

TABLE B7: (CONT'D)

Year*	RADIO BROADCASTING HOURS							
	ASMARA TRANSMITTER				ALL TRANSMITTERS			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	-	-	-	-	3,006:00	299:00	437:00	3,742:00
1981/82	-	-	-	-	5,835:00	1,348:00	1,003:00	8,186:00
1982/83	695:00	110:50	130:00	935:50	7,750:00	1,215:50	1,430:00	10,395:50
1983/84	1,063:50	162:30	182:00	1,408:20	12,495:10	1,891:30	1,469:00	15,855:40

\* Year Ending July 7

Note:- Station identification, announcements, continuity and/or music hours are not included except in 1983/84.

Source: Ministry of Education, Educational Mass Media Service.

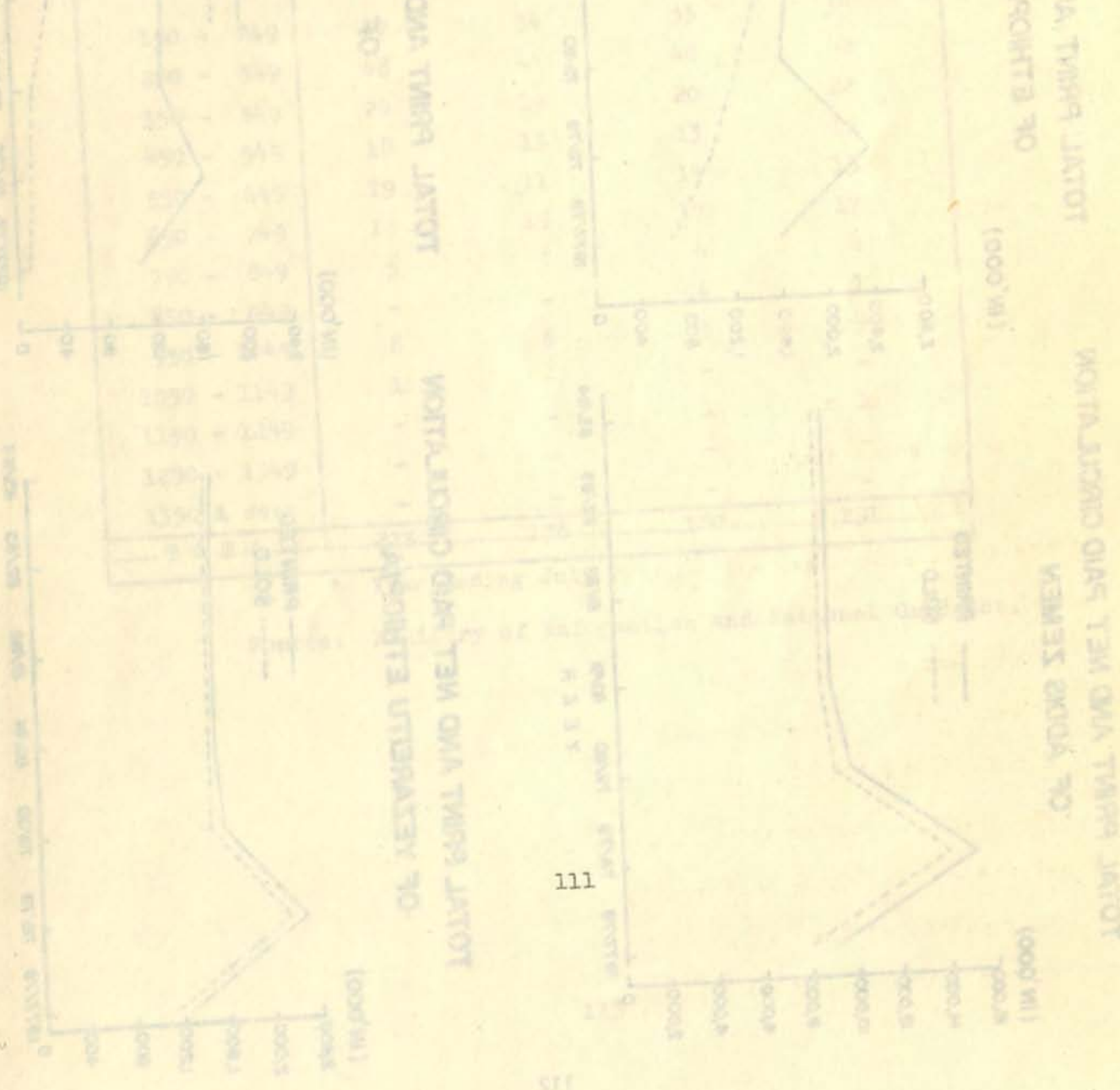
## Press Statistics

Press service, to a great extent, is a medium of the communications system that could influence the pace of communications development in increasing internal communication and external contacts of a people and to increase people's consciousness and spirit of the main currents of socio - economic knowledge and scientific development. Consequently, the expansion of press services could open the door for economic, social and political advancement for increasing numbers of a population.

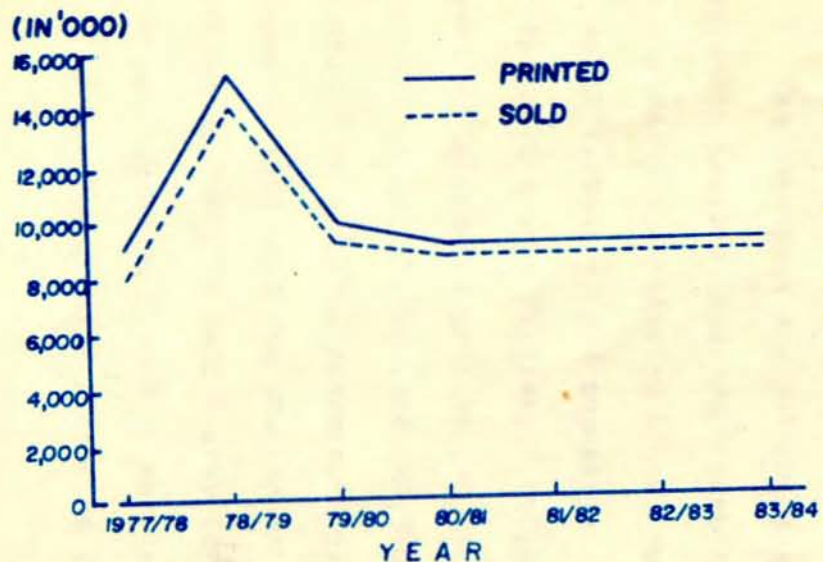
In this section of the bulletin data on the number of press service's employees and publication and circulation of three daily, six weekly and one bimonthly newspapers, and three monthly and two quarterly magazines are presented.

The materials are published and issued by government and non-government institutions; more than two - third of them is carried out and issued by the Ministry of Information and National Guidance. Of the total newspapers and magazines, 66.7percent are published in Amharic and the rest are in English, Oromigna, Tigrigna and Arabic. The newspapers and magazines printed and circulated rose by 0.4percent and 0.5 percent from 22,615,800 and 22,579,491 in 1982/83 to 22,709,800 and 22,683,835 in 1983/84, respectively. Addis Zemen, the Amharic daily newspaper, accounted for 40.8percent of the total printed and circulated materials in 1983/84 followed by Serto Ader, the weekly Amharic newspaper published and issued by the Central Committee of the Worker's Party of Ethiopia, which accounted for 26.2 percent.

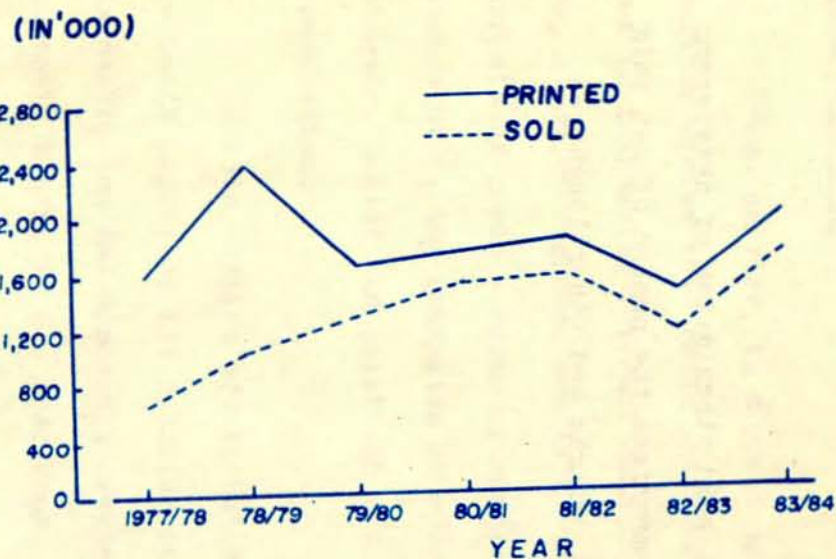
The data pertaining to the net paid circulation of newspapers is shown in Table N8. This table summarizes the number of net paid circulation of materials published in Amharic and other languages circulated by Administration Region.



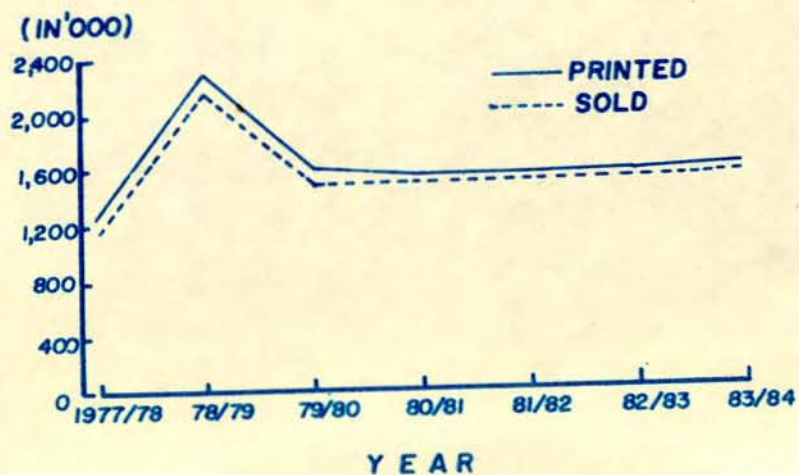
**TOTAL PRINT AND NET PAID CIRCULATION  
OF ADDIS ZEMEN**



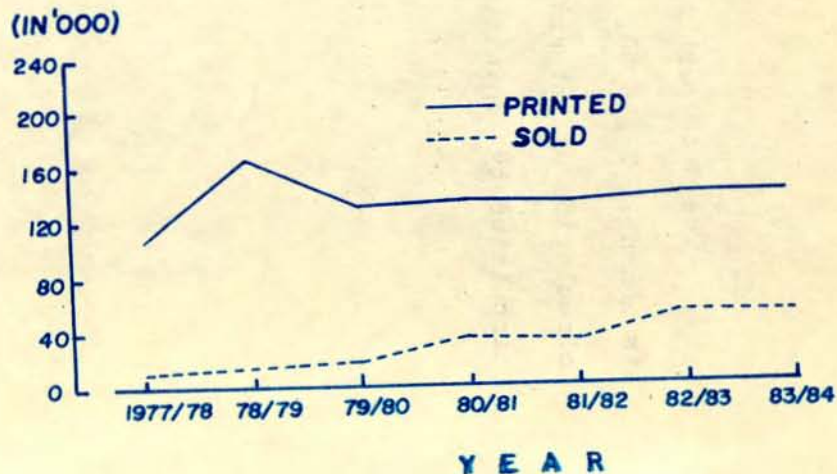
**TOTAL PRINT AND NET PAID CIRCULATION  
OF ETHIOPIAN HERALD**



**TOTAL PRINT AND NET PAID CIRCULATION  
OF YEZAREITU ETHIOPIA**



**TOTAL PRINT AND NET PAID CIRCULATION  
OF AL ALEM**



**TABLE N1: NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION AND NATIONAL GUIDANCE BY SALARY GROUP \***

SALARY GROUP	NUMBER OF EMPLOYEES			
	1980/81	1981/82	1982/83	1983/84
150 - 149	42	33	34	36
150 - 249	47	34	33	35
250 - 349	48	44	40	42
350 - 449	24	19	20	22
450 - 549	18	13	13	15
550 - 649	19	11	14	15
650 - 749	13	15	17	17
750 - 849	5	3	4	4
850 - 949	-	-	1	1
950 - 1049	8	6	3	3
1050 - 1149	1	-	-	-
1150 - 1249	-	-	1	1
1250 - 1349	-	-	-	-
1350 & over	-	-	-	-
<b>T O T A L</b>	<b>225</b>	<b>178</b>	<b>180</b>	<b>191</b>

\* Year Ending July 7

Source: Ministry of Information and National Guidance.

**TABLE N2: NUMBER OF COPIES OF DAILY NEWSPAPERS PRINTED, SOLD, DONATED AND RETAINED**

Year*	A D D I S S O I R				A D D I S Z E M E N				H E R A L D			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1977/78	14,000	1,210	8,948	3,842	8,900,000	7,993,691	296,001	610,308	1,585,000	663,597	204,806	716,597
1978/79	-	-	-	-	15,239,000	13,907,028	567,438	764,534	2,408,000	1,049,606	320,817	1,037,577
1979/80	-	-	-	-	9,949,000	9,278,918	558,848	111,234	1,670,500	1,280,158	269,439	120,903
1980/81	-	-	-	-	9,241,500	8,692,159	546,618	2,723	1,771,500	1,497,693	262,698	11,109
1981/82	-	-	-	-	9,212,000	8,646,903	546,329	18,768	1,836,000	1,555,331	264,749	15,920
1982/83	-	-	-	-	9,195,000	8,639,787	547,493	7,720	1,448,000	1,172,324	267,506	8,170
1983/84	-	-	-	-	9,270,000	8,704,355	555,316	10,329	2,000,500	1,723,071	269,729	7,700

\* Year Ending July 7

Source: Ministry of Information and National Guidance.

TABLE N3: NUMBER OF COPIES OF WEEKLY NEWSPAPERS PRINTED, SOLD, DONATED AND RETAINED

Year*	B E R I S S A				S E R T O A D E R			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1979/80	104,000	64,057	6,723	33,220	-	-	-	-
1980/81	104,000	66,141	7,958	29,901	3,818,000	3,816,299	1,701	-
1981/82	104,000	67,549	7,952	28,499	5,901,000	5,897,346	3,654	-
1982/83	104,000	95,335	7,088	1,577	6,093,578	6,088,327	5,251	-
1983/84	106,000	97,525	8,210	265	5,951,333	5,946,260	5,073	-

\* Year Ending July 7

Source :1.Ministry of Information and National Guidance

2.The Central Committee of the Workers' Party of Ethiopia.



**TABLE N4:** NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS AND MONTHLY MAGAZINES PRINTED, SOLD, DONATED AND RETAINED

Year*	R E V O L U T I O N A R Y P O L I C E				B E R H A N F A M I L Y M A G A Z I N E			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1977/78	964,500	964,500	-	-	73,000	62,651	...	10,349
1978/79	1,457,200	1,457,200	-	-	61,000	56,164	...	4,836
1979/80	1,775,450	1,775,333	117	-	91,000	89,937	213	850
1980/81	1,230,772	1,229,219	1,553	-	-	-	-	-
1981/82	1,744,500	1,742,456	2,044	-	-	-	-	-
1982/83	1,974,600	1,964,555	10,045	-	-	-	-	-
1983/84	2,001,900	1,999,646	2,014	240	-	-	-	-

\* Year Ending July 7

Source: Police Headquarters, and Evangelical Church, Mekane Yesus.

TABLE N5: NUMBER OF COPIES PRINTED, SOLD, DONATED AND RETAINED OF NEWSPAPERS PRINTED IN ASMARA

Year*	ETHIOPIA				HIBRATE			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1979/80	98,700	80,810	11,285	6,605	411,730	334,681	43,772	33,277
1980/81	107,320	95,741	9,444	2,135	408,493	353,609	46,319	8,565
1981/82	156,536	151,466	4,782	288	643,454	618,614	23,752	1,088
1982/83	224,612	221,923	2,689	-	1,094,624	1,081,537	13,087	-
1983/84	168,391	160,798	7,593	-	866,324	832,334	33,990	-

\* Year Ending July 7

Note:- 'Ethiopia' is a weekly Amharic language newspaper, while  
'Hibrate' is daily Tigrigna Newspaper.

Source: Ministry of Information and National Guidance.

TABLE N6: NUMBER OF COPIES OF MONTHLY MAGAZINES PRINTED, SOLD, DONATED AND RETAINED

Year*	Y E K A T I T**				R E O T E A L E M			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1980/81	122,961	118,904	2,370	1,687	79,850	50,109	1,264	28,477
1981/82	129,800	123,851	2,759	3,190	64,000	18,889	1,513	43,598
1982/83	110,581	106,932	2,621	1,028	39,730	37,766	1,394	570
1983/84	105,500	102,885	1,991	624	35,950	34,172	1,265	513

\* Year Ending July 7

\*\* Monthly in Amharic, Quarterly in English

Source : Ministry of Information and National Guidance

TABLE N6: (CONT'D)

Year*	K E S T E D A M E N A			
	Printed	Sold	Donated	Retained
1980/81	64,759	58,295	-	6,464
1981/82	29,345	18,231	-	11,114
1982/83 <sup>+</sup>	73,351	58,182	-	15,169
1983/84	...	...	...	...

\* Year Ending July 7

+ Provisional

**TABLE N7:** NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND MESKEREM (MAGAZINE) PRINTED, SOLD, DONATED AND RETAINED.

Year*	ETHIOPIAN MEDICAL JOURNAL <sup>+</sup>				M E S K E R E M			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1978/79	500	140	120	240	-	-	-	-
1979/80	500	220	120	160	-	-	-	-
1980/81	450	250	130	70	236,710	221,640	15,070	-
1981/82	450	230	120	100	422,000	409,900	12,100	-
1982/83	550	250	250	50	541,174	540,750	424	-
1983/84	2,000	1,260	200	540	442,402	442,054	348	-

\* Year Ending July 7

+ For the last quarter of the year. The data for 1983/84 is annual.

Source: Ethiopian Medical Association, and the Central Committee of the Workers' Party of Ethiopia.

\* 1981/82  
 \* 1980/81  
 \* 1979/80

**TABLE NO. 1: CIRCULATION OF NEWSPAPERS BY ADMINISTRATIVE REGION\***

Administrative Region	1979/80			1980/81			1981/82		
	Amharic	Others	Total	Amharic	Others	Total	Amharic	Others	Total
Arssi	215,000	10,261	225,261	230,273	21,494	251,767	226,974	18,906	245,880
Bale	119,600	4,445	124,045	131,219	3,540	134,759	129,685	4,426	134,111
Eritrea	744,700	97,370	842,070	745,090	106,535	851,625	894,797	718,402	1,613,199
Gamo Gofa	91,250	6,505	97,755	77,105	6,380	83,485	66,846	5,777	72,623
Gojam	388,700	17,160	405,866	340,603	22,671	363,274	391,074	23,296	414,370
Gondar	126,575	12,692	139,267	127,327	14,153	141,480	127,483	15,915	143,398
Hararghe	1,023,620	71,975	1,095,595	958,556	93,354	1,051,910	971,352	111,421	1,082,773
Illubabor	274,430	23,584	298,014	250,755	20,500	271,255	257,422	24,688	282,110
Keffa	373,420	33,457	406,877	366,307	38,466	404,773	355,363	39,181	394,544
Shewa	1,880,165	97,175	1,977,340	1,899,774	110,608	2,010,382	1,822,576	116,182	1,938,758
Sidamo	766,800	30,371	797,171	672,275	37,690	709,965	687,333	45,026	732,359
Tigray	166,740	14,040	180,780	152,445	12,590	165,035	135,770	10,471	146,241
Wollega	195,600	18,840	214,440	214,707	21,062	235,769	195,175	16,128	211,303
Wollo	422,400	9,360	431,760	420,090	19,595	439,685	396,362	20,548	416,910
Addis Ababa	-	-	-	-	-	-	4,248,200	1,478,228	5,726,428
<b>TOTAL</b>	<b>6,789,000</b>	<b>447,235</b>	<b>7,236,235</b>	<b>6,536,526</b>	<b>528,638</b>	<b>7,065,164</b>	<b>10,906,412</b>	<b>2,648,595</b>	<b>13,555,007</b>

\* Year Ending July 7

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