

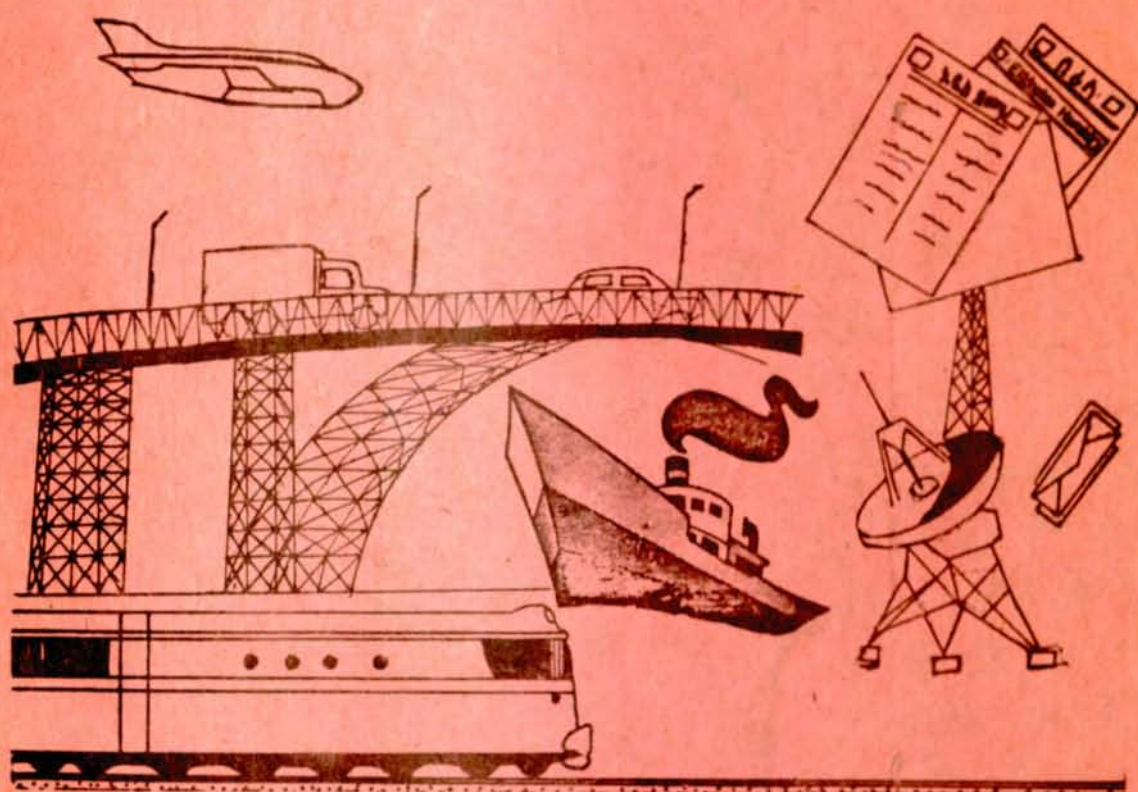
THE PROVISIONAL MILITARY GOVERNMENT OF  
SOCIALIST ETHIOPIA

NATIONAL REVOLUTIONARY DEVELOPMENT  
CAMPAIGN AND CENTRAL PLANNING  
SUPREME COUNCIL

CENTRAL STATISTICAL OFFICE

TRANSPORT AND COMMUNICATIONS STATISTICS

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ADDIS ABABA FEBRUARY 1983

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STATISTICAL BULLETIN

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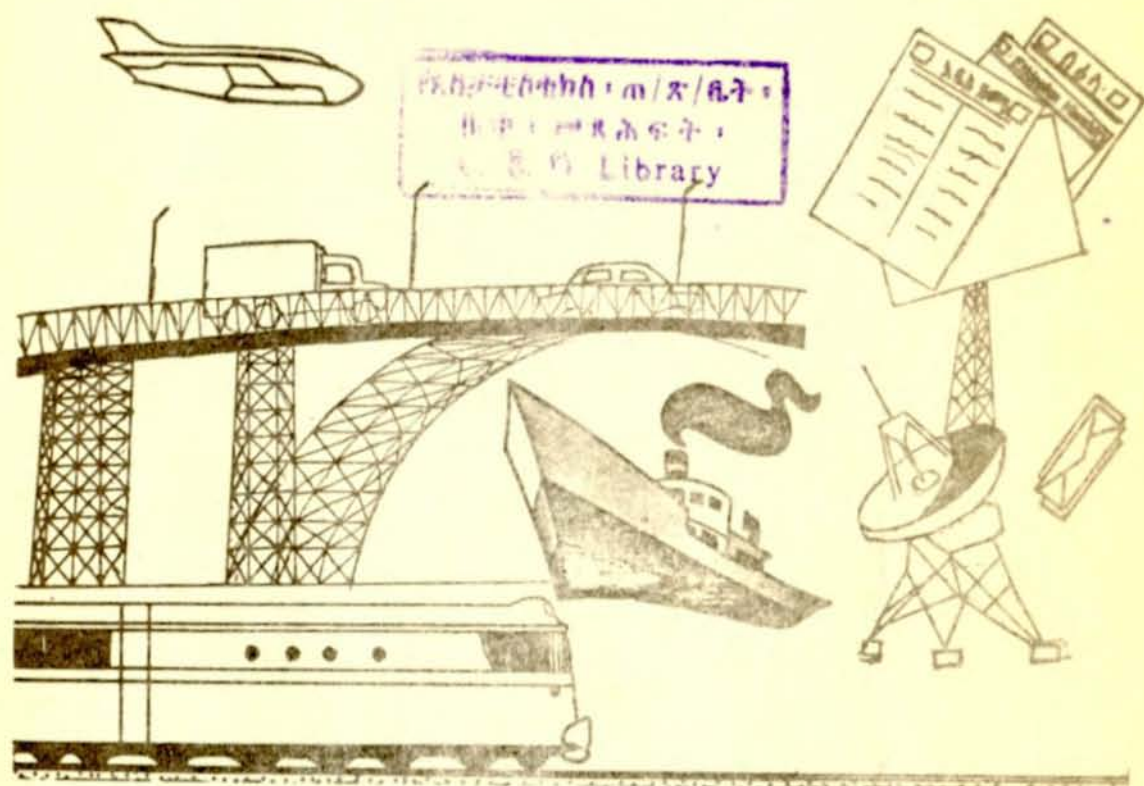
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ADDIS ABABA FEBRUARY 1983

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## INTRODUCTION

This publication of the Transport and Communications Statistics, like its predecessors, includes as much as possible, information on the activity of an important sector of the national economy, i.e., Transport and Communications. As it has been explained elsewhere, factual information on the situation of the transport and communications sector of the economy is the major indicator considered of vital importance in appraisal of the overall socio-economic condition of the country.

This fifth publication, by the Central Statistical Office (CSO), attempts to provide statistical information on transport and communications in a separate bulletin. Indicators about the overall activity of this sector are presented in the Statistical Abstract of Ethiopia, an annual publication of the CSO, but only in a very summarized form.

Effort has been made to provide statistical information on the different modes of transport (i.e., road, water, air, railway) and on all forms of mass media. The details provided are determined by the availability of information from the sources indicated and therefore vary from activity to activity. To some extent, the structure of the data is highlighted in each portion of the bulletin.

The publication is expected to be issued every year and it is hoped that future issues will be wider in scope and area of activity, but depends upon the cooperation of various institutions and organizations in providing the required information. In the meantime, the CSO would like to express its appreciation for the cooperation of all the sources of information indicated and will be grateful for comments and suggestions from all users of this publication.

### N.B.

In this report both the Gregorian and the Ethiopian budget year have been used. The budget year starts on July 8 of a year and ends on July 7 of the next year. All combined years are in Ethiopian Fiscal Year.

The following symbols are used to mean:-

- Nil or Negligible
- ... Data Not Available

Central Statistical Office

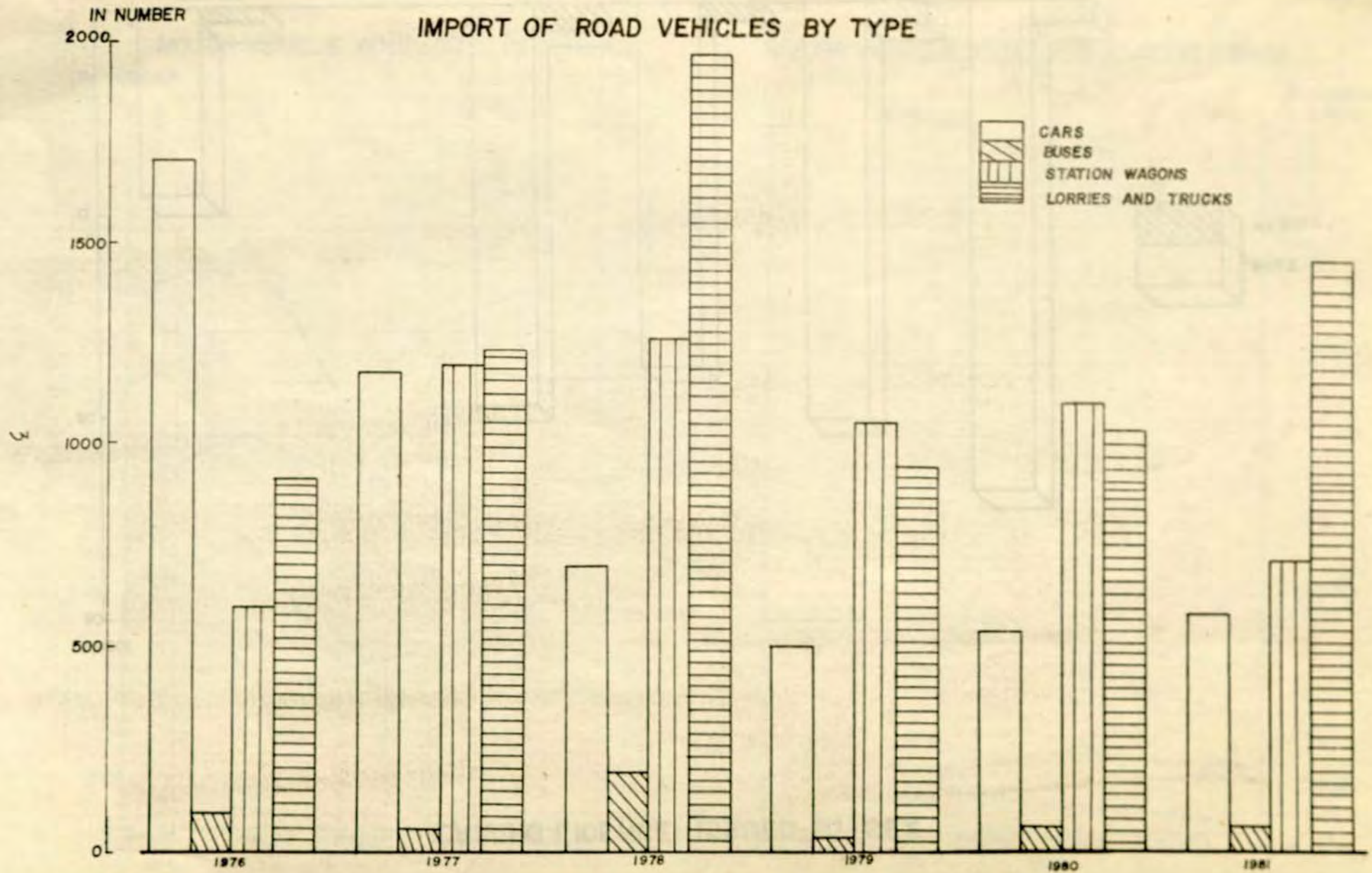
## ROAD STATISTICS

This portion of the bulletin contains statistical information on Motor Vehicles (imported, inspected, accidents), Driving Licences Issued, and Length of Roads (in kms.).

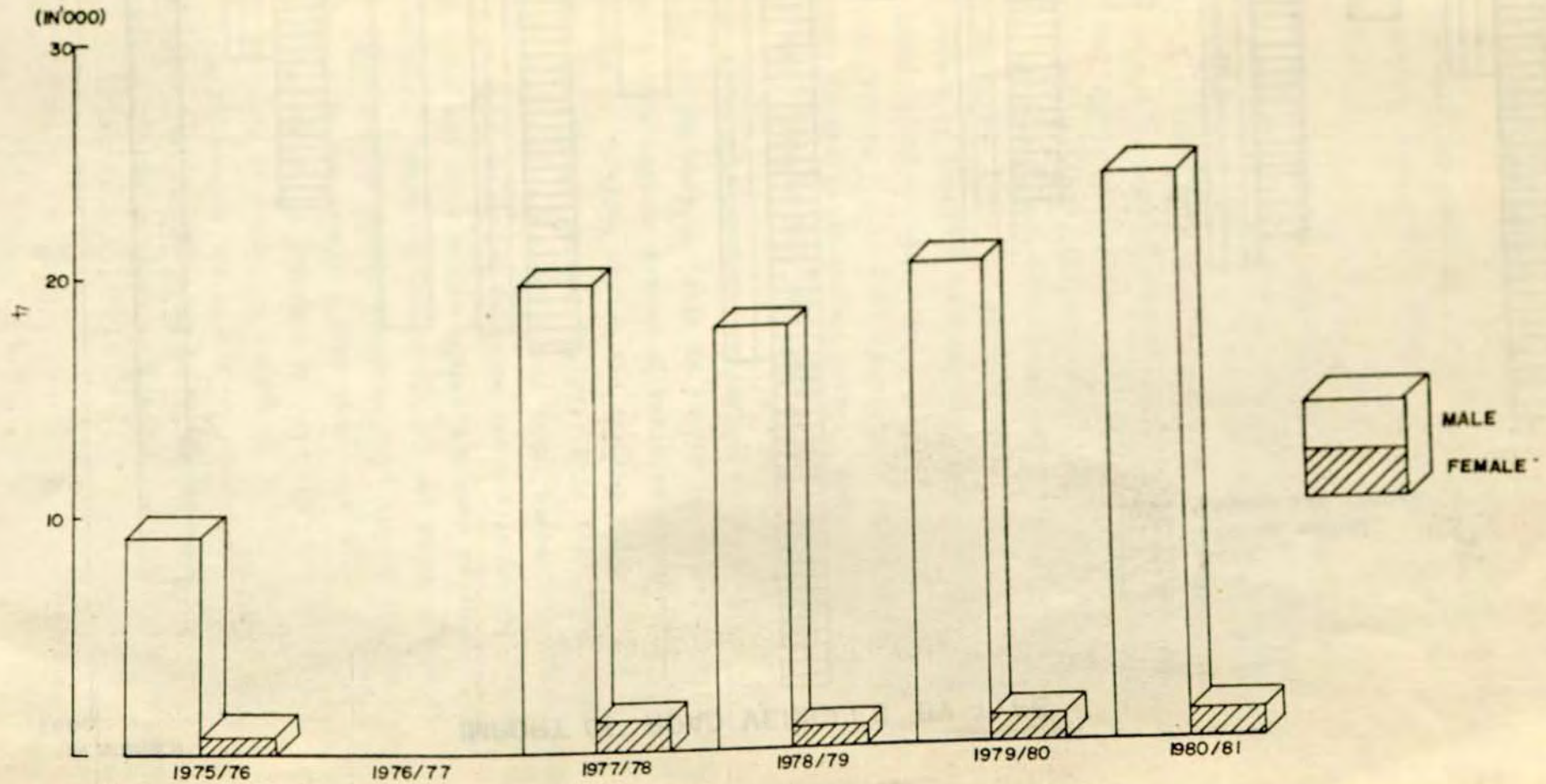
The import of road motor vehicles decreased from 4,161 in 1978 to 2,663 in 1979 (i.e., decreased by 36 percent) and slightly lower than that of 1980, which was 2,847. In 1981 the import of road motor vehicles numbered 2,885, an increase of 1.3 percent from that of the 1980. However, there is significant variation in the pattern of imports amongst the various type of road motor vehicles. The number of imported cars declined from 1,175 in 1977 to 545 and 589 in 1980 and 1981, respectively, i.e., decreased by 53 percent and 49 percent, whereas import of lorries and trucks of various use and carrying capacity decreased from 1,666 in 1978 to 941 in 1979 (decreased by 53 percent). The number of imported lorries and trucks in 1980 and 1981 was 1,038 and 1,459, respectively. Likewise, import of Station Wagons decreased from 1,193 in 1977 to 714 in 1981 (i.e., a decrease of 40 percent) with slight fluctuations in the intervening years. Meanwhile importations of buses swung up and down between 1977 and 1981. (see Table R1)

The total number of road motor vehicles inspected in Ethiopia is shown in Tables R2, R3 and R5 whereas Table R4 is for Addis Ababa only. As the three tables exhibit the maximum number of vehicles inspected in the whole country was 56,151 in 1979/80, whilst the minimum number inspected was 45,482 in 1977/78. In 1980/81 it was 55,794. Note that total number of vehicles inspected does not necessarily mean total number of vehicles in the country. For example, military vehicles are not included, besides some other vehicles might not show up for inspection such as those which are in garages for repair. Comparing Tables R2, R3 and R5 on one side and Table R4 on the other, it can be easily observed that out of the total road motor vehicles inspected in the country, more than half were in Addis Ababa. The length of all weather roads in Ethiopia by type and year is shown in Table R6. Furthermore Table R7 shows the length of all weather roads by type and region. Table R8 reveals the number of driving licences issued by nationality and year. And finally, Tables R9 and R10 carry number of accidents in Ethiopia and in Addis Ababa by severity of accidents and year.

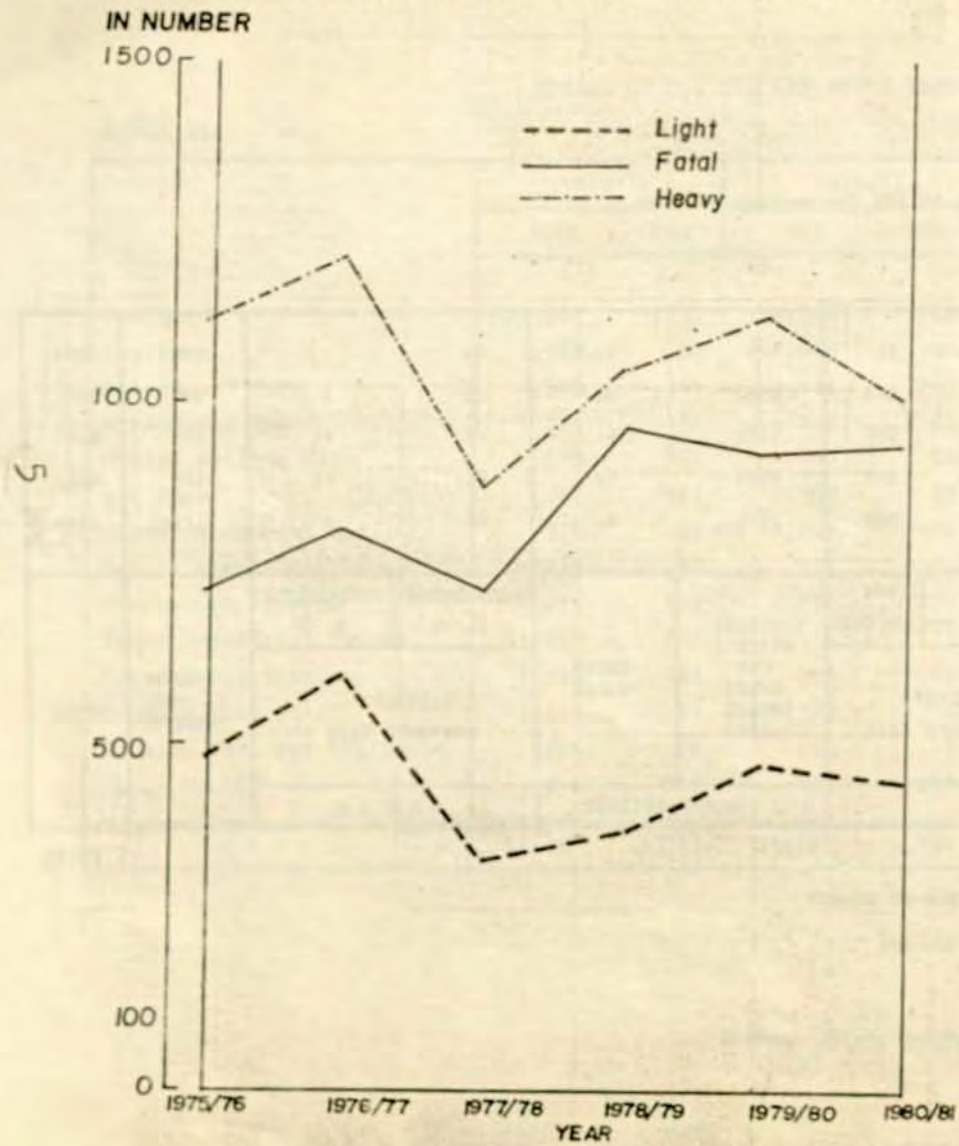
# IMPORT OF ROAD VEHICLES BY TYPE



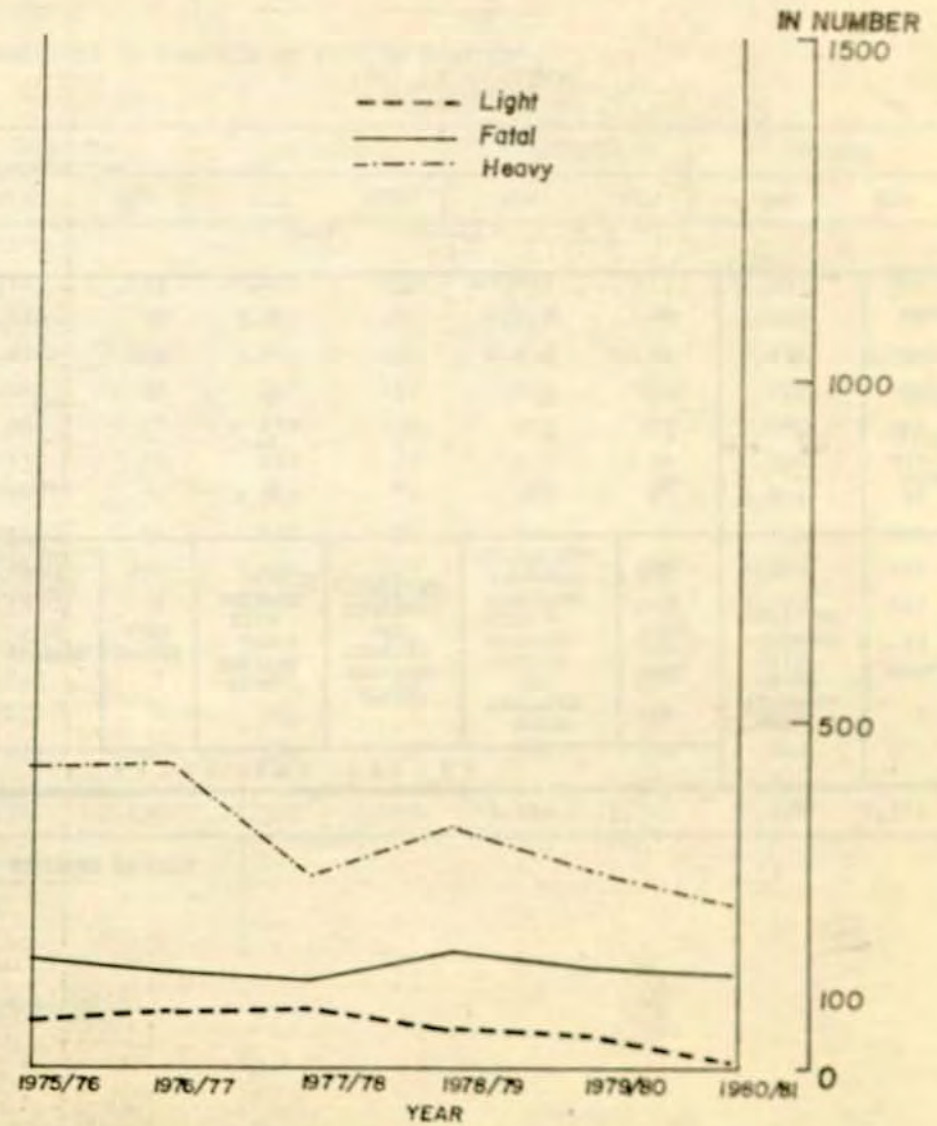
# DRIVING LICENCE ISSUED BY SEX



MOTOR VEHICLE ACCIDENTS IN ETHIOPIA



MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA



## IMPORT OF ROAD MOTOR VEHICLES BY TYPE

Table B1

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	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 $\leq 1500$ Kgs.			ROAD TRACTORS
		$\leq 15$ PASSENGERS	$> 15$ PASSENGERS			$\leq 1500$ Kgs.	$> 1500$ Kgs.								
1977	1175	2	55	32	1161	452	514	-	-	2	9	191	65	...	3650
1978	695	20	173	65	1196	407	1512	-	-	19	3	16	9	44	4161
1979	507	14	21	16	1035	165	628	101	-	8	-	39	-	129	2663
1980	545	4	62	36	1067	212	688	-	111	-	7	17	3	95	2847
1981	589	-	65	23	691	79	1247	-	73	5	11	4	40	58	2805

Source: Customs and Excise Tax Administration

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

Table R2

	1975/76		1976/77		1977/78		1978/79		1979/80		1980/81	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
Private	32,902	1,133	28,709	1,108	28,703	713	26,083	626	29,049	511	27,895	564
Taxis	1,968	36	1,889	101	1,349	11	3,077	15	2,703	7	2,806	77
Government Cars	4,306	1,161	4,756	850	5,054	869	5,914	833	6,916	1,248	7,415	1,253
Diplomatic Cars	324	139	211	64	162	76	227	116	171	102	201	157
United Nations Cars	549	124	287	32	481	45	299	110	411	129	292	182
Aid Cars	497	117	558	59	336	29	251	43	249	59	282	103
Micro Commercial Buses	945	28	1,046	14	765	21	1,963	71	1,562	63	2,054	92
Public Commercial Buses	1,063	38	849	10	371	18	617	20	990	6	767	128
Commercial Pickups	1,815	142	1,887	150	2,054	496	3,491	729	4,223	189	3,700	163
Heavy Commercial Trucks	4,281	257	2,915	77	2,231	96	3,591	795	4,656	285	4,195	245
Heavy Truck Trailors	1,340	149	981	62	708	18	1,106	378	1,269	210	1,565	73
Benzine Tank Cars	419	11	347	7	323	7	265	9	354	114	482	1
Benzine Tank Car Trailors	461	12	333	5	242	7	204	5	287	48	436	3
Motor Cycles	350	166	307	257	211	86	438	59	304	36	378	275
<b>T O T A L</b>	<b>51,220</b>	<b>3,513</b>	<b>45,075</b>	<b>2,796</b>	<b>42,990</b>	<b>2,492</b>	<b>47,526</b>	<b>3,809</b>	<b>53,144</b>	<b>3,007</b>	<b>52,468</b>	<b>3,316</b>

\* Year Ending July 7

Source: Road Transport Authority

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

Table R3

ADMINISTRATIVE REGION	1976/77		1977/78		1978/79		1979/80		1980/81	
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
ARSSI	976	11	806	18	1,206	19	1,222	34	1,393	22
BALE	-	-	-	-	-	-	-	-	36	181
ERITREA	6,921	81	2,425	36	4,342	64	4,973	9	3,884	3
GAMO GOFA	82	-	-	-	94	-	74	-	-	-
GOJJAM	346	-	389	-	377	-	476	-	554	-
GONDAR	430	1	479	-	519	1	787	8	878	25
HARARGHE	1,932	159	1,387	79	1,200	43	1,131	18	1,547	27
ILLUBABOR	-	-	-	-	-	-	-	-	122	9
KEFFA	775	4	834	7	905	6	870 <sup>+</sup>	3 <sup>+</sup>	865	59
SHEWA	31,154	2,519	34,325	2,323	35,987	3,670	40,905	2,924	39,653	2,916
SIDAMO	1,105	11	1,070	-	1,249	-	1,238	7	1,156	7
TIGRAI	433	-	437	-	491	-	421	-	424	-
WOLLEGA	282	5	283	4	518	6	366	1	406	16
WOLLO	639	5	555	25	638	-	681	3	663	47
ASSAB ASTEDADER	-	-	-	-	-	-	-	-	897	4
T O T A L	45,075	2,796	42,990	2,492	47,526	3,809	53,144	3,007	52,478	3,316

\* Year Ending July 7

+ Includes Motor Vehicles inspected in Illubabor

Source: Road Transport Authority

NUMBER OF OLD AND NEW MOTOR CARS INSPECTED IN ADDIS ABABA

Table R4

YEAR*	PRIVATE		GOVERNMENT		DIPLOMATIC		U.N.		AID		TOTAL	
	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD
1976/77	1,001	21,544	787	2,828	64	211	32	233	59	485	1,943	25,301
1977/78	676	24,923	837	3,342	76	159	45	432	29	285	1,663	29,141
1978/79	615	20,395	819	3,858	116	227	110	235	43	201	1,703	24,916
1979/80	475	23,691	1,237	4,753	102	134	129	385	59	189	2,002	29,152
1980/81	557	23,123	1,165	4,739	157	201	177	242	103	228	2,159	28,533

\* Year Ending July 7

Source: Road Transport Authority

NUMBER OF TOTAL NEW AND OLD MOTOR  
VEHICLES INSPECTED IN ETHIOPIA

Table R5

YEAR*	OLD	NEW	TOTAL
1976/77	45,075	2,796	47,871
1977/78	42,990	2,492	45,482
1978/79	47,526	3,809	51,335
1979/80	53,144	3,007	56,151
1980/81	52,478	3,316	55,794

\* Year Ending July 7

Source: Road Transport Authority

LENGTH OF ALL WEATHER ROADS BY TYPE (KM)

Table R6

YEAR**	GRAVEL*	ASPHALT	TOTAL
1976/77	7,290.0	3,229.0	10,519.0
1977/78	7,401.0	3,323.0	10,724.0
1978/79	8,262.0	3,229.0	11,491.0
1979/80	7,638.0	3,515.0	11,153.0
1980/81	8,778.0	3,783.0	12,561.0

\* Gravel Includes Service to Traffic

\*\* Year Ending July 7

Source: Ethiopian Transport Construction Authority

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

Table R7

ADMINISTRATIVE REGION	1979/80			1980/81		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
ARSSI	135	62	197	135	62	197
BALE	225	-	225	225	-	225
ERITREA	332	567	899	332	567	899
GAMO GOFA	213	-	213	213	-	213
GOJAM	536	101	637	533	111	644
HARARGHE	1,390	337	1,727	1,390	337	1,727
GONDAR	740	15	755	782	15	797
ILLUBABOR	273	115	388	295	115	410
KEFFA	527	133	660	517	187	704
SHEWA	1,153	1,228	2,381	1,197	1,228	2,425
SIDAMO	562	420	982	533	449	982
TIGRAI	563	37	600	563	37	600
WELLEGA	635	-	635	636	-	636
WELLO	322	641	963	306	675	981
TOTAL	7,606	3,656	11,262	7,657	3,783	11,440
RURAL ROADS						1,121
GRAND TOTAL						12,561

\* Year Ending July 7

Source: Ethiopian Transport Construction Authority

NUMBER OF DRIVING LICENCES ISSUED  
BY NATIONALITY AND SEX

Table R8

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
1976/77	...	...	...	...	...	...	...
1977/78	19,542	1,324	20,866	58	10	68	20,934
1978/79	17,729	810	18,539	44	9	53	18,592
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

\* Year Ending July 7

Source: Road Transport Authority

MOTOR VEHICLES ACCIDENT IN ETHIOPIA

Table R9

Year**	TOTAL NUMBER OF ACCIDENTS					NUMBER OF DEATHS				NUMBER OF PEOPLE INJURED			
	Light	Heavy	Fatal	Property Damage	Total	Young	Matured*	Old	Total	Young	Matured*	Old	Total
1975/76	485	1,120	727	679	3,011	120	721	84	925	262	2,776	129	3,167
1976/77	603	1,213	814	614	3,244	170	714	54	938	543	2,627	213	3,383
1977/78	335	873	729	595	2,532	166	618	63	847	370	2,045	161	2,576
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

\* Matured 16 - 50 years of age

\*\* Year Ending July 7

\*\*\* Matured 19 - 55 years of age

Source: Police Headquarters, Addis Ababa

MOTOR VEHICLES ACCIDENT IN ADDIS ABABA

Table R10

Year**	TOTAL NUMBER OF ACCIDENTS					NUMBER OF DEATHS				NUMBER OF PEOPLE INJURED			
	Light	Heavy	Fatal	Property Damage	Total	Young	Matured*	Old	Total	Young	Matured*	Old	Total
1975/76	68	431	154	286	939	42	93	24	159	167	430	60	657
1976/77	78	438	133	298	947	21	94	19	134	141	376	60	577
1977/78	86	277	125	1,116	1,604	36	74	17	127	346	692	176	1,214
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

\* Matured 16 - 50 years of age

\*\* Year Ending July 7

\*\*\* Matured 19 - 55 years of age

Source: Police Headquarters, Addis Ababa

## RAILWAY STATISTICS

It is worth to note that, in this section of the bulletin only operations of the Ethio-Djibouti Railway Company is considered. This railway, a 781 kms. in length, connects Addis Ababa with the port city of Djibouti, which is as well the capital city of the Djibouti Republic.

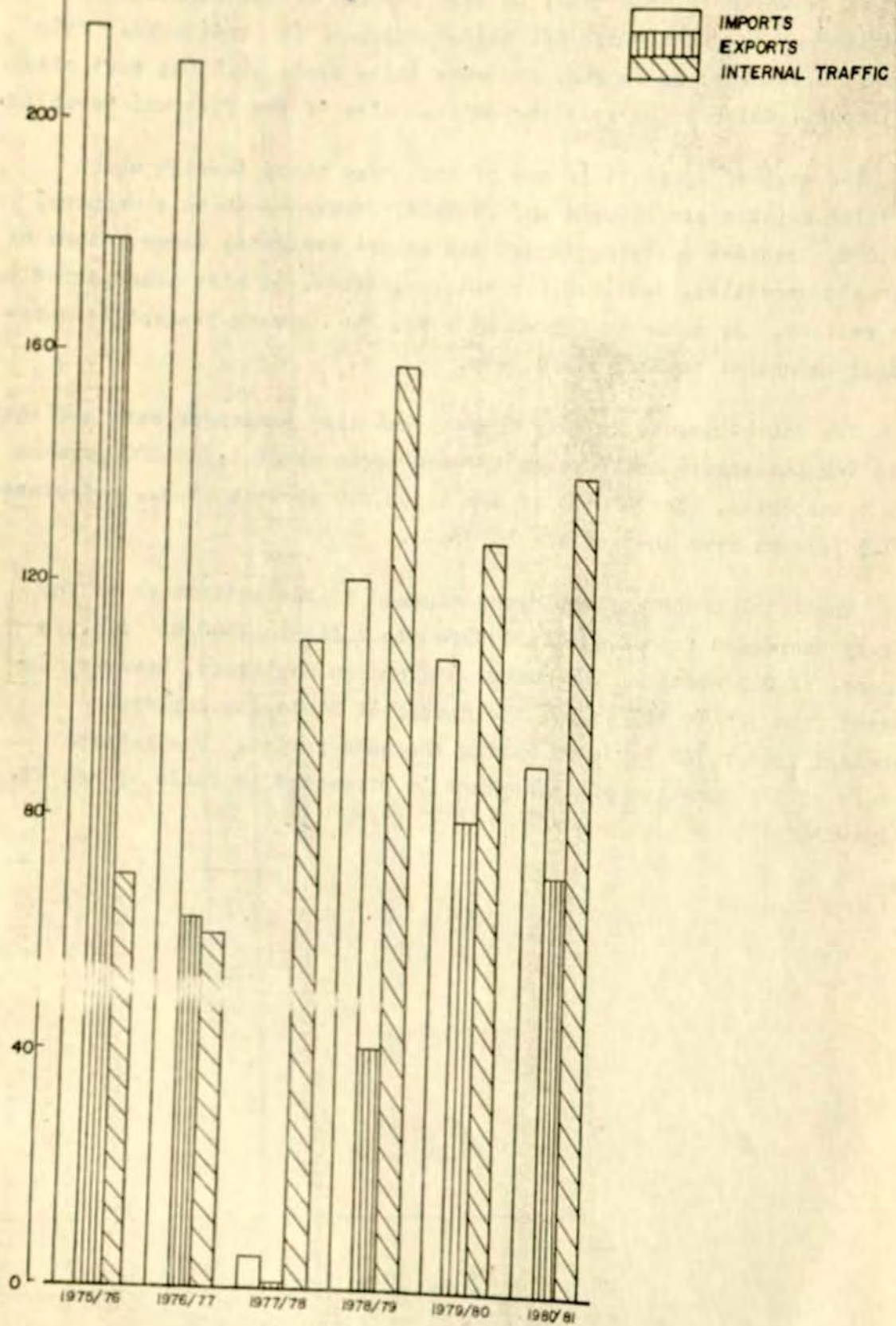
The port of Djibouti is one of the three ports through which Ethiopian exports are shipped and imports, consigned to this country, unloaded. Besides carrying import and export freights, large volume of various commodities, destined for internal trade, is also transported by this railway. As shown in Tables W5 - W8, the company transports substantial amount of freight every year.

The Ethio-Djibouti Railway Company has also passenger cars and auto-rails for passengers and thus in 1979/80 alone about 1,340,000 persons were transported. In 1980/81 it was 1,336,000 persons i.e., a decrease of 0.3 percent from that of the 1979/80 .

The total number of employees engaged in the activities of the railway decreased from 2,493 in 1979/80 to 2,445 in 1980/81 i.e., a decrease of 2 percent . The number of foreign employees, however, increased from 328 to 340 whilst the number of Ethiopian employees decreased from 2,165 to 2,105 during the same period. The general picture of the question of employment is presented in Table W1 and W2.

(IN 000 Ton)

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



NUMBER OF ETHIO-DJIBOUTI RAILWAY COMPANY  
 EMPLOYEES BY SALARY GROUP 1980/81\*

Table W1

SALARY GROUP	NUMBER OF EMPLOYEES	
	ETHIOPIANS	DJIBOUTIANS
50 - 149	830	-
150 - 249	571	124
250 - 349	247	84
350 - 449	142	38
450 - 549	35	23
550 - 649	35	9
650 - 749	96	7
750 - 849	61	6
850 - 949	42	12
950 - 1049	23	11
1050 - 1149	7	6
1150 - 1249	5	6
1250 - 1349	1	1
1350 & above	10	13
T O T A L	2,105	340

\* Year Ending July 7

Source: Ethio-Djibouti Railway

NUMBER OF ETHIO-DJIBOUTI RAILWAY EMPLOYEES  
BY NATIONALITY

Table W2

YEAR*	NUMBER OF EMPLOYEES		
	ETHIOPIANS	FOREIGNERS	TOTAL
1976/77	2,071	4	2,075
1977/78	2,069	266	2,335
1978/79	2,237	329	2,566
1979/80	2,165	328	2,493
1980/81	2,105	340	2,445

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

Table W3

	1976/77	1977/78	1978/79	1979/80	1980/81
Length of Railways (kmts.)	781	781	781	781	781
Rolling Stocks (Number)					
i) Steam Locomotives and Locotracors	12	10	10	5	5
ii) Diesel - Electric Locomotives	28	26	26	21	21
iii) Passenger Cars	46	43	43	45	45
iv) Freight Cars	875	618	595	630	630
v) Autorails	5	4	5	5	5
vi) Others	-	-	-	-	8

\* Year Ending July 7

Source: Ethio-Djibouti Railway

FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY

Table W4

Year*	REVENUE ('000 ETH. BIRR)				EXPENDITURE ('000 ETH. BIRR)			
	Passenger	Freight	Other	Total	Personnel	Material and Others	Provisions for Works & Renewal	Total
1976/77	3,694	16,871	414	20,979	12,538	7,507	934	20,979
1977/78	1,672	2,842	477	4,991	9,987	4,439	753	15,179
1978/79	3,838	12,235	972	17,045	13,041	6,763	1,259	21,063
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	886	23,780

PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY

Table W5

Year*	PASSENGERS ('000)			Passenger-Kms. (Million)	Average Kms. per Passenger	FREIGHT ('000 TONS)				Commercial Traffic Mill-Ton-Kms	Average Kms. per Ton of Comm. Traffic
	1st and 2nd Class	3rd Class	Total			Import	Export	Internal Traffic	Total		
1976/77	40	875	915	155	165	209.4	63.4	60.6	333.4	208	550
1977/78	7	497	504	68	135	4.9	0.7	110.6	116.2	30	258
1978/79	23	1,066	1,089	171	157	121.7	41.0	158.3	321.0	148	461
1979/80	60	1,280	1,340	247	187	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	437

\* Year Ending July 7

Source: Ethio-Djibouti Railway

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

Table W6

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				
	1976/77	1977/78	1978/79	1979/80	1980/81
Food and Live Animals	-	-	27.1	34.8	23.7
Beverages and Tobacco	0.2	-	0.2	-	-
Crude materials, except fuels	5.4	-	1.8	0.8	4.5
Fuels, lubricants and related materials	26.6	1.3	42.1	37.9	39.0
Animal and vegetable oil and fats	3.4	-	-	-	-
Chemicals	3.5	3.4	33.3	1.7	11.2
Manufactured articles	2.3	-	11.0	25.5	5.6
Machinery and transport equipment	4.3	0.2	2.1	2.1	3.4
Misellaneous articles, n.e.s.	163.6	-	4.1	5.2	2.6
T O T A L	209.4	4.9	121.7	108.0	90.0

\* Year Ending July 7

Source: Ethio-Djibouti Railway

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

Table W7

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				
	1976/77	1977/78	1978/79	1979/80	1980/81
Food and Live Animals	0.8	0.7	34.4	72.0	65.3
Beverages and Tobacco	-	-	-	0.5	-
Crude materials, except fuels	0.1	-	0.3	0.6	1.4
Fuels, lubricants and related materials	0.1	-	-	-	-
Animal and vegetable oils and fats	2.4	-	-	-	-
Chemicals	0.3	-	-	-	0.1
Manufactured goods	0.4	-	1.4	3.9	0.1
Machinery and transport equipment	0.1	-	-	-	0.1
Miscellaneous articles, n.e.s.	59.2	-	4.8	3.4	4.3
T O T A L	63.4	0.7	41.0	80.4	71.3

\* Year Ending July 7

Source: Ethio-Djibouti Railway

## INTERNAL TRANSPORT OF GOODS BY THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY\*

Table W8

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				
	1976/77	1977/78	1978/79	1979/80	1980/81
Food and Live Animals	1.2	69.8	88.3	85.0	96.6
Beverages and Tobacco	0.1	-	0.5	1.8	1.5
Crude materials, except fuels	0.1	0.8	3.0	7.6	8.5
Fuels, lubricants and related materials	0.5	4.5	1.9	1.0	0.6
Animal and vegetable oils and fats	0.2	0.1	-	-	-
Chemicals	0.1	5.5	14.7	3.0	2.0
Manufactured articles	0.2	22.7	42.6	23.0	23.7
Machinery and transport equipment	0.7	2.5	1.9	2.5	3.6
Miscellaneous goods, n.e.s.	57.5	4.7	5.4	3.9	2.6
T O T A L	60.6	110.6	158.3	127.8	139.1

\* Year Ending July 7

Source: Ethio-Djibouti Railway

## HARBOUR AND INLAND WATERWAYS STATISTICS

Statistical information on the operations of the ports of Assab and Massawa and on activities of some inland waterways is presented in this part of the bulletin. Although lightly dealt, the information is presented with the help of 5 Tables to provide a hint about the performance of the ports and inland waterways.

The operations at the port of Assab and Massawa are presented in Tables H1 and H2. From these tables, one can spell out the number of ships entered, net and gross registered tonnage. The number of ships entered varies from year to year and in the port of Assab it was 497 in 1980/81, where the maximum record was 608 in 1976/77. The number of ships entered in the port of Massawa amounted to 166 in 1980/81, but it was 320 in 1976/77. In this port one can also observe a nil figure in 1977/78 and 83 in 1978/79.

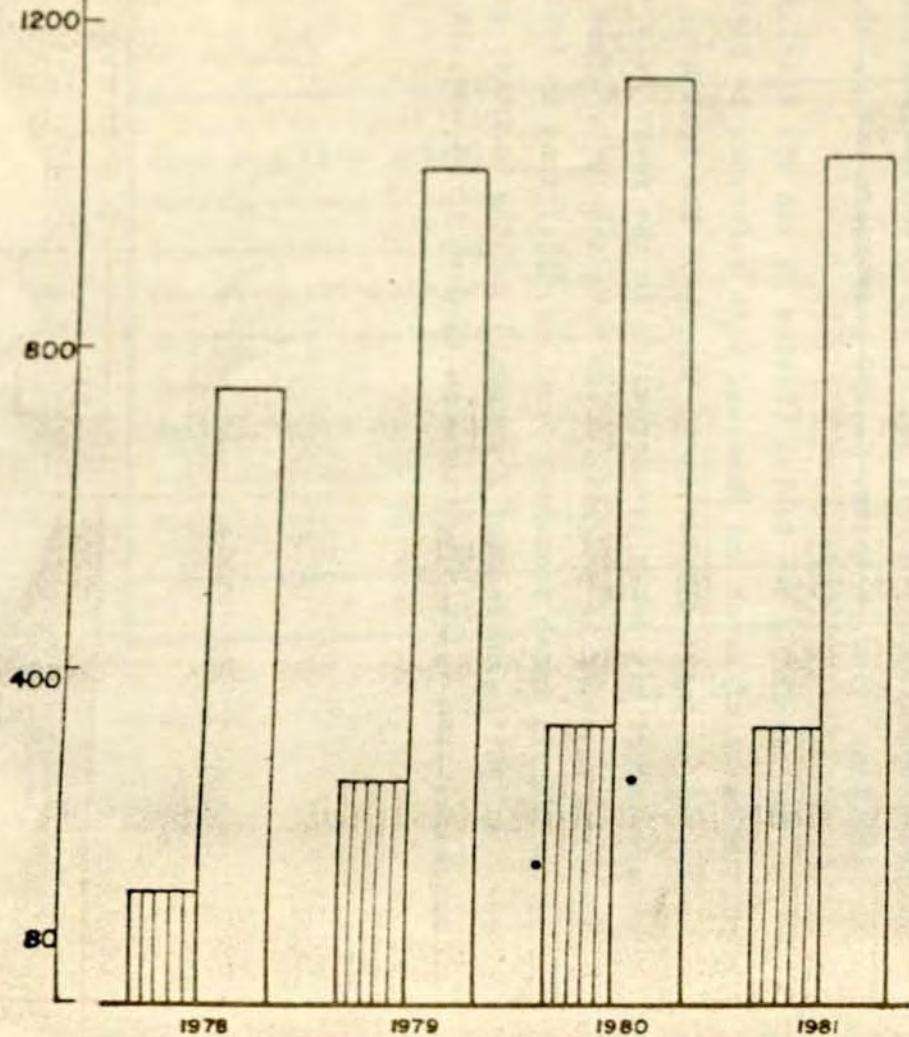
Table H3 reveals the activities of inland waterways in Lakes Tana, Abaya and Chamo and in Rivers Baro and Akobo. With the help of 13 boats 63,845 passengers, 3,465,987 kgs. of freight were transported in all the inland waterways in 1980/81, out of which the maximum number is recorded in Lake Tana i.e., 8 boats, 54,250 passengers and 2,739,272 kgs. of freight

The remaining two tables (Tables H4 and H5) display the importance of the ports of Assab and Massawa, with reference to Ethiopia's external trade, as an inlet and outlet to the sea. For instance, the quantity of export-import via Assab is increasing in the years 1978 - 1981, although the 1981 quantity is slightly lower than the 1980. That is, the quantity of export via Assab decreased from 337,885.7 tons in 1980 to 332,367.5 tons in 1981 (a decrease of 2 percent) and the quantity of import via Assab decreased from 1,128,935.7 tons in 1980 to 1,035,907.6 tons in 1981.

(IN 000 TONS)

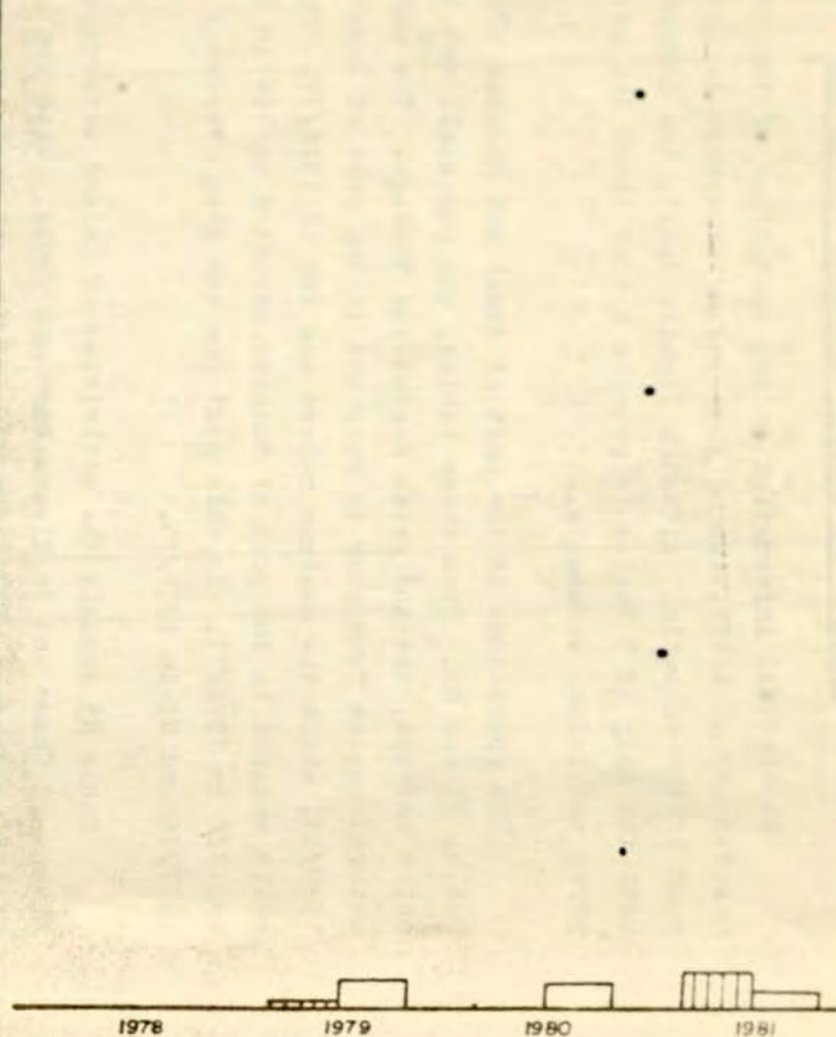
### EXPORT-IMPORT VIA ASSAB

EXPORT  
IMPORT



### EXPORT-IMPORT VIA MASSAWA

EXPORT  
IMPORT



OPERATIONS AT THE PORT OF ASSAB

Table H1

Year*	No. of Ships Entered	Net Registered Tonnage	Gross Registered Tonnage	C A R G O		PASSENGERS CARRIED	
				Loaded (Mt. Tons)	Unloaded (Mt. Tons)	In	Out
1975/76	606	1,914,489	3,191,845	438,520	668,613	392	435
1976/77	608	2,041,184	3,392,070	538,625	894,729	302	514
1977/78	486	1,744,214	2,915,697	372,200	1,027,579	156	342
1978/79	488	1,822,393	2,976,017	462,273	1,391,522	137	597
1979/80	477	1,936,105	3,176,709	482,971	1,502,313	1,300	1,297
1980/81	497	2,272,565	3,739,004	551,013	1,371,020	275	333

OPERATIONS AT THE PORT OF MASSAWA

Table H2

Year*	No. of Ships Entered	Net Registered Tonnage	Gross Registered Tonnage	C A R G O		PASSENGERS CARRIED	
				Loaded (Mt. Tons)	Unloaded (Mt. Tons)	In	Out
1975/76	334	770,535	1,379,157	97,090	144,145	3,933	4,935
1976/77	320	623,561	1,102,006	89,575	185,149	299	310
1977/78	-	-	-	-	-	-	-
1978/79**	83	140,977	255,357	19,010	106,864	202	95
1979/80	164	328,785	597,116	35,329	192,902	690	588
1980/81	166	331,068	623,346	74,100	224,369	359	613

\* Year Ending July 7

\*\* For the second half of the year

Source: Marine Transport Authority

Table H3

Name (Lake or River)	1978/79			1979/80		
	No. of Boats	Passengers Carried	Freight Carried (Kg)	No. of Boats	Passengers Carried	Freight Carried (Kg)
Lake Tana	9	44,398	2,514,342	8	47,168	2,354,042
Baro and Akobo (River)	2	-	-	2	768	305,675
Abaya and Chamo (Lakes)	3	12,280	979,500	3	28,529	378,785
T O T A L	14	56,678	3,493,842	13	76,465	3,038,502

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Table H3 (Cont'd)

Name (Lake or River)	1980/81		
	No. of Boats	Passengers Carried	Freight Carried (Kg)
Lake Tana	8	54,250	2,739,272
Baro and Akobo (River)	2	458	484,500
Abaya and Chamo (Lakes)	3	19,137	242,215
T O T A L	13	63,845	3,465,987

\* Year Ending July 7

Source: Marine Transport Authority

## EXPORT - IMPORT VIA ASSAB

Table B4

COMMODITY	1 9 7 8				1 9 7 9			
	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	103,649.7	515,424.5	12,100.2	21,859.2	140,819.1	622,342.4	73,242.1	44,332.4
Beverages and Tobacco	-	-	246.5	699.9	-	-	26.0	47.8
Crude materials, in- edible, except fuels	23,378.8	72,742.9	5,523.9	10,767.5	23,218.0	139,286.8	3,480.0	8,307.9
Mineral fuels, lubricants and related materials	-	-	612,703.8	129,021.1	103,559.1	29,427.4	723,333.4	208,170.6
Animal and vegetable oils and fats	557.3	5,141.8	515.9	854.9	399.1	3,993.1	2,730.4	4,754.3
Chemical elements and compounds	-	-	31,420.1	60,304.9	100.8	100.4	139,321.0	110,573.0
Manufactured goods, classi- fied by material	2,294.6	1,019.9	65,499.7	104,021.7	1,425.4	1,013.5	53,541.5	112,837.5
Machinery and transport equipment	-	-	17,652.9	156,305.1	0.3	39.8	19,671.5	196,579.5
Miscellaneous manufactured articles	-	-	4,565.2	37,249.6	0.4	1.6	1,810.1	17,529.3
Commodities n.e.s.	-	-	0.2	1.1	-	-	-	-
T O T A L	129,880.4	594,329.1	750,228.4	521,085.0	269,522.2	796,205.0	1,017,156.0	703,112.3

Table H4 (Cont'd)

COMMODITY	1 9 8 0				1 9 8 1			
	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	111,827.4	591,568.9	133,916.3	78,248.5	126,205.3	496,899.8	137,488.8	93,582.1
Beverages and Tobacco	-	-	0.1	0.8	4.1	12.9	6.6	3.4
Crude materials, in- edible, except fuels	30,387.5	135,530.8	3,370.5	99,000.0	20,707.5	115,416.9	5,505.1	14,501.0
Mineral fuels, lubricants and related materials	195,026.9	65,192.6	726,537.0	347,195.6	183,003.1	84,420.0	753,639.5	344,648.5
Animal and vegetable oils and fats	422.9	4,192.1	2,451.4	8,006.7	278.4	2,582.5	3,643.2	7,593.7
Chemical elements and compounds	100.0	70.2	97,958.9	145,823.4	3.0	14.3	42,558.8	104,082.6
Manufactured goods, classi- fied by material	112.5	68.1	129,821.0	174,744.9	38.6	113.6	63,583.6	157,846.5
Machinery and transport equipment	-	-	30,696.5	250,539.4	75.0	397.0	25,899.4	306,143.3
Miscellaneous manufactured articles	8.5	301.1	4,184.0	34,248.6	-	-	3,582.6	30,163.7
Commodities n.e.s.	-	-	-	-	2,052.5	5,523.3	-	-
T O T A L	337,885.7	796,923.8	1,128,935.7	1,137,807.9	332,367.5	705,380.3	1,035,907.6	1,058,564.8

Source: Customs and Excise Tax Administration

## EXPORT - IMPORT VIA MASSAWA

Table H5

C O M M O D I T Y	1 9 7 9			
	E X P O R T		I M P O R T	
	Quantity in Tons	Value in '000 Birr	Quantity in Tons	Value in '000 Birr
Food and live animals	2,523.4	882.6	14,429.3	4,933.9
Beverages and Tobacco	-	-	31.8	685.5
Crude materials, in- edible except fuels	1,689.3	5,256.8	217.9	464.7
Mineral fuels, lubricants and related materials	-	-	14,082.7	6,663.0
Animal and vegetable oils and fats	-	-	622.9	1,240.1
Chemical elements and compounds	-	-	2,601.9	5,899.7
Manufactured goods, classi- fied by material	-	-	782.9	3,789.0
Machinery and transport equipment	-	-	54.3	992.9
Miscellaneous manufactured articles	-	-	21.5	320.7
Commodities n.e.s.	-	-	-	-
T O T A L	4,212.7	6,139.4	32,845.2	24,989.5

Source: Customs and Excise Tax Administration

Table H5 (Cont'd)

COMMODITY	1 9 8 0				1 9 8 1			
	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	661.4	628.7	3,982.3	4,933.1	10,312.4	13,230.0	2,109.2	3,858.4
Beverages and Tobacco	-	-	166.6	2,348.5	-	-	39.0	856.5
Crude materials, in- edible, except fuels	290.7	3,051.5	649.6	1,708.8	30,845.9	22,640.1	426.7	887.2
Mineral fuels, lubricants and related materials	-	-	4,505.5	4,024.6	-	-	1,776.2	3,713.6
Animals and vegetable oils and fats	-	-	979.8	1,927.0	-	-	1,451.0	2,050.0
Chemical elements and compounds	-	-	10,812.5	19,351.2	-	-	5,765.8	12,347.0
Manufactured goods, classi- fied by material	-	-	6,648.9	23,254.7	-	-	6,723.8	19,076.7
Machinery and transport equipment	-	-	662.8	8,465.9	-	-	498.7	8,018.0
Miscellaneous manufactured articles	-	-	99.6	1,327.5	-	-	115.7	882.9
Commodities n.e.s.	-	-	673.3	3,818.8	-	-	0.5	7.0
T O T A L	952.1	3,680.2	29,180.9	71,160.1	41,158.3	35,870.1	18,906.6	51,697.3

Source: Customs and Excise Tax Administration

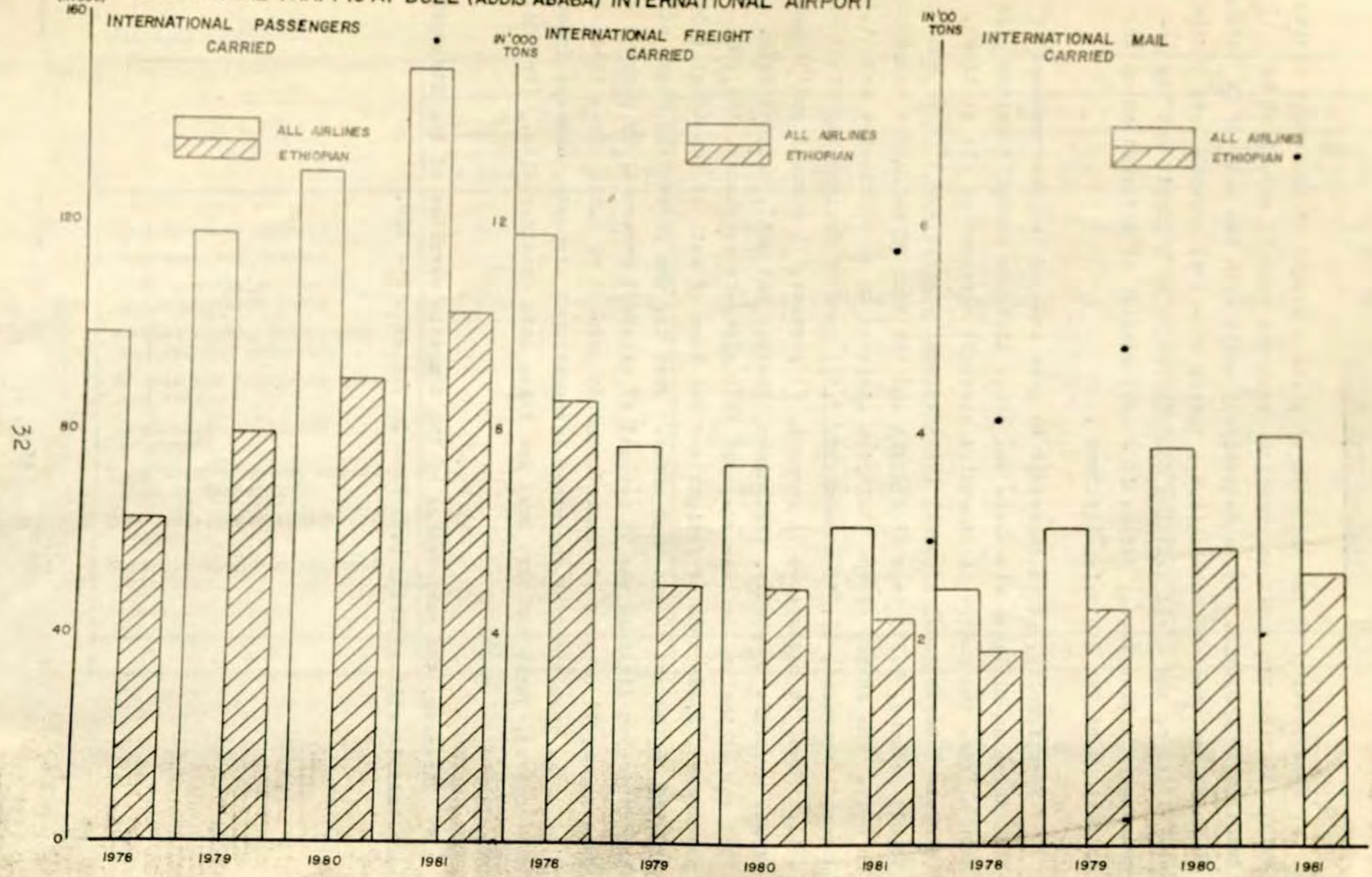
## AVIATION STATISTICS

This section of the bulletin consists a series of important tables which describe the basic information about the overall situation of Aviation in Ethiopia. It is extensively dealt with the help of 26 tables in which the first 15 tables (i.e., Tables A1 - A15) provide data on the activities of the Civil Aviation Administration of Ethiopia and the remaining 11 tables (i.e., Tables A16 - A26) consist of information on the operations of the Ethiopian Airlines .

Specifically, it is important to note some of the performances of the Ethiopian Airlines vis-a-vis the other Airlines summed together. In such a case, the number of scheduled aircraft movement of all airlines, (at Bole International Airport) international traffic was 3112 by which 94,041 persons, 9,513 tons of freight and 358 tons of mail were transported in 1977. The shares of the Ethiopian Airlines in these figures were 1,650 aircraft movement, 67,215 passengers, 7,131 tons of freight and 279 tons of mail. Thus, it registered 53 percent, 71 percent, 75 percent and 78 percent of all aircraft movements, passengers, freight and mail, respectively. In 1981 the Ethiopian Airlines recorded 1870 aircraft movements, 103,478 passengers, 4,468 tons of freight and 268 tons of mail of the total 3,392, 150,187, 6,199 and 394 in that order. That is, the percentage share of the Ethiopian Airlines was 55 percent of aircraft movement, 69 percent of passengers, 72 percent of freight, and 68 percent of mail. (See Table A10). Similarly, operations of the other international airports, namely, Yohannes IV (Asmara), Assab and Dire Dawa are taken into consideration. (For details see Tables A11 - A15)

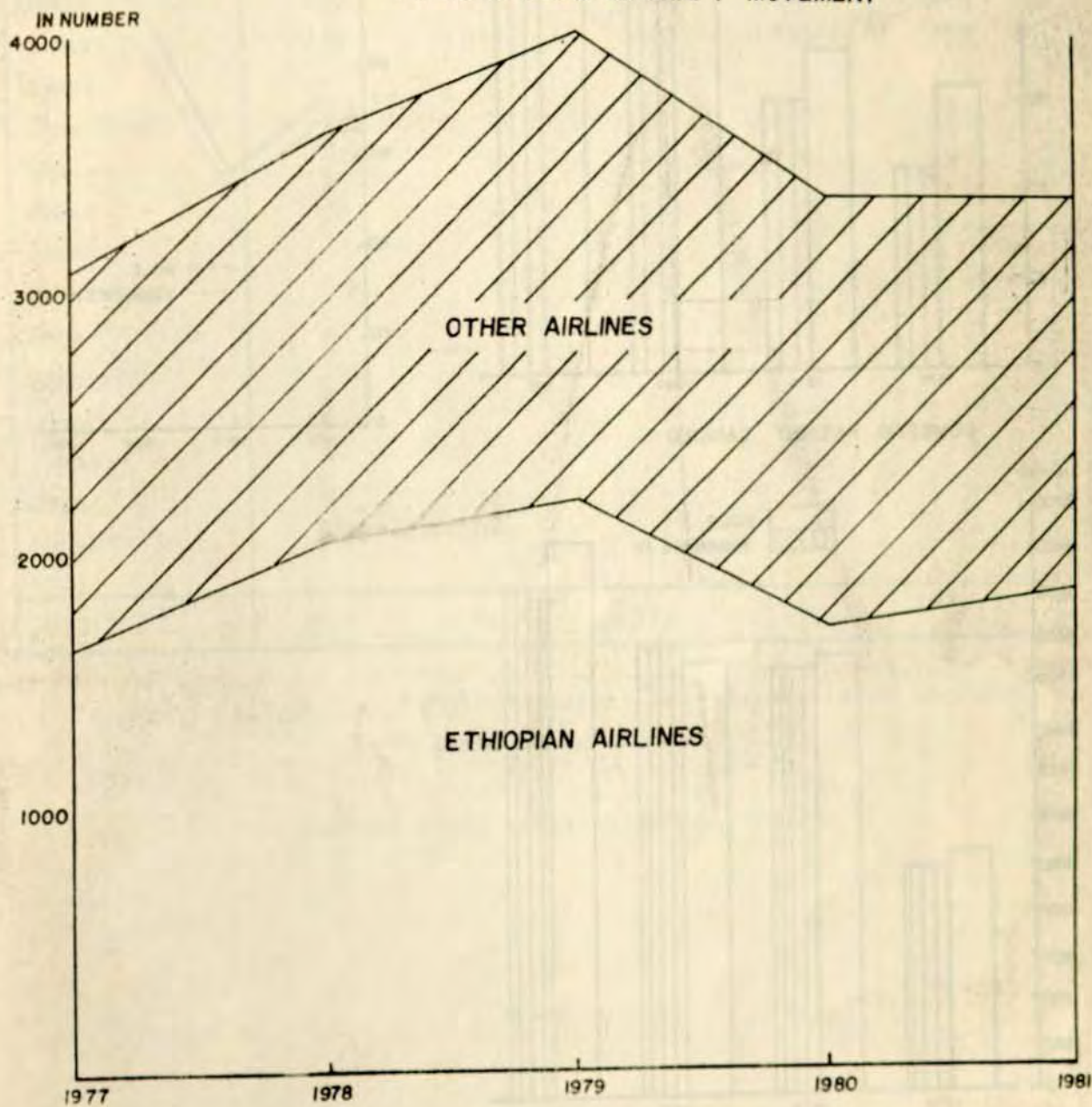
Moreover, the performance of the domestic services of the Ethiopian Airlines is statistically presented in Tables A16 - A26.

# INTERNATIONAL TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT

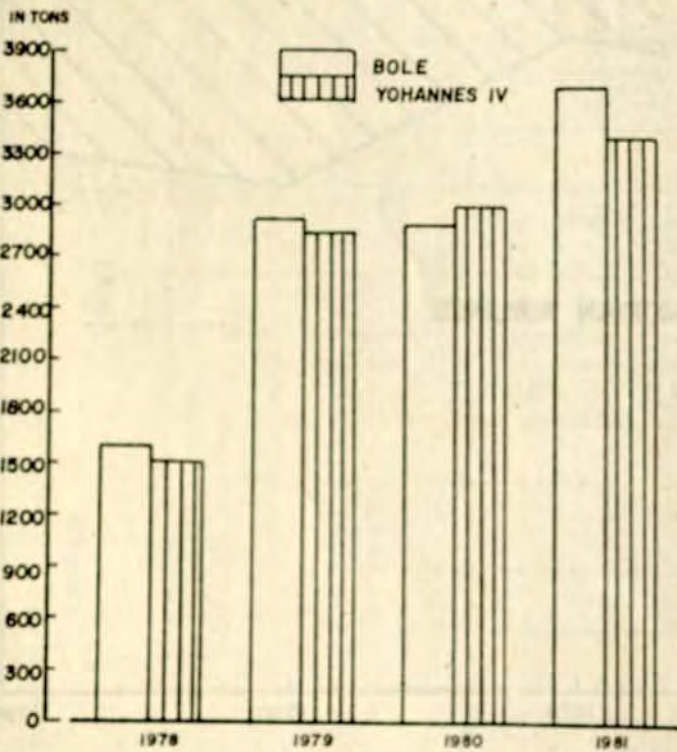
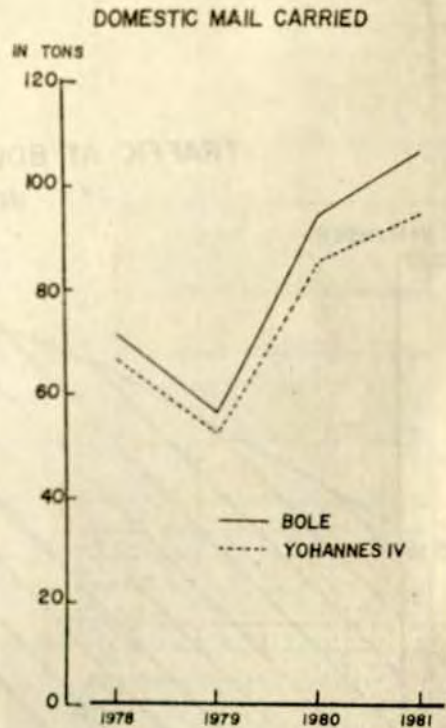
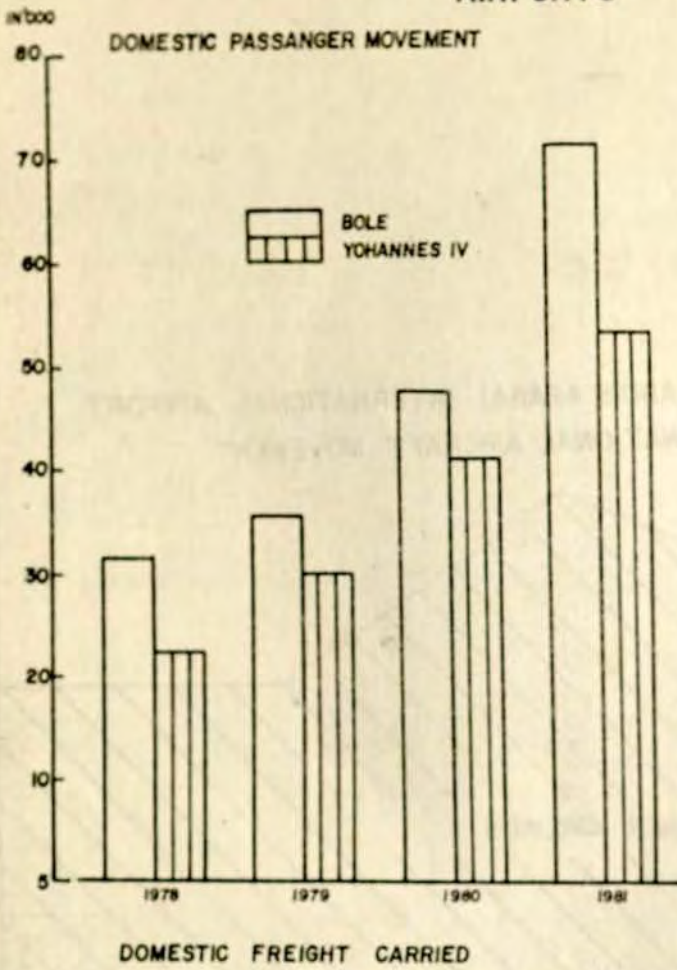


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### TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL AIRCRAFT MOVEMENT



# DOMESTIC TRAFFIC SCHEDULE AT BOLE (ADDIS ABEBA) AND YOHANNES IV (ASMARA) INTERNATIONAL AIRPORTS



NUMBER OF CIVIL AVIATION EMPLOYEES BY PLACE OF ASSIGNMENT

Table A1

PLACE OF ASSIGNMENT	Y E A R				
	1977*	1978*	1979	1980	1980/81**
Addis Ababa	530	565	472	495	484
Asmara	178	181	153	153	153
Assab	-	-	9	9	9
Dire Dawa	54	56	59	52	63
Jimma	23	23	20	21	21
Awasa	3	3	1	-	-
Awash	2	2	-	-	-
Bahar Dar	2	2	-	-	-
Debre Markos	1	1	-	-	-
Combolcha	2	2	-	-	-
Goba	1	1	-	-	-
Gondar	2	2	-	-	-
Gore	1	1	-	-	-
Lekemt	2	2	-	-	-
T O T A L	801	841	714	730	730

\* Meteorological Service Employees included

\*\* Year Ending July 7

Source: Civil Aviation Administration

CIVIL AVIATION EMPLOYEES BY SALARY GROUP

Table A2

SALARY GROUP	NUMBER OF EMPLOYEES				
	1977*	1978*	1979	1980	1980/81**
50 - 149	173	127	128	112	112
150 - 249	149	197	167	184	185
250 - 349	130	178	175	153	153
350 - 449	170	150	96	124	124
450 - 549	91	103	79	90	90
550 - 649	41	37	31	28	28
650 - 749	8	8	10	8	8
750 - 849	27	30	20	17	17
850 - 949	8	9	7	10	10
950 - 1049	2	-	-	1	1
1050 - 1149	-	-	-	-	-
1150 - 1249	1	1	-	-	-
1250 - 1349	-	-	-	-	-
1350 - 1449	-	-	-	1	1
1450 - 1549	1	1	1	2	1
1550+	-	-	-	-	-
TOTAL	801	841	714	730	730

\* Meteorological Service Employees included

\*\* Year Ending July 7

Source: Civil Aviation Administration

CIVIL AVIATION EMPLOYEES BY OCCUPATION

Table A3

O C C U P A T I O N	Y E A R				
	1977	1978	1979	1980	1980/81*
Administrative Personnel	361	382	536	543	564
Technical Personnel	440	459	178	187	166
T O T A L	801	841	714	730	730

CAPITAL EXPENDITURE BY TYPE AND LOCATION

Table A4

YEAR	LOCATION	T Y P E			
		NEW	MAINTENANCE	EXPANSION	TOTAL
1977	Addis Ababa	1,349,602.00	228,462.00	42,076.00	1,620,140.00
	Asmara	-	-	-	-
	Dire Dawa	82,720.00	-	-	82,720.00
	Others	9,360.00	99,000.00	-	108,360.00
1978	Addis Ababa	369,000.00	122,000.00	54,000.00	545,000.00
	Asmara	-	-	-	-
	Dire Dawa	207,000.00	-	-	207,000.00
	Others	40,000.00	-	-	40,000.00
1979	Addis Ababa	3,630,888.00	635,791.00	9,788.00	4,276,467.00
	Asmara	-	-	30,033.00	30,033.00
	Dire Dawa	-	-	214,743.00	214,743.00
	Others	-	-	-	-
1980	Addis Ababa	393,943.00	-	-	393,943.00
	Asmara	-	-	-	-
	Dire Dawa	-	-	-	-
	Others	-	-	-	-
1981	Addis Ababa	2,090,000.00	542,000.00	-	2,632,000.00
	Asmara	-	-	-	-
	Dire Dawa	642,000.00	-	-	642,000.00
	Others	-	-	-	-

\* Year Ending July 7

Source: Civil Aviation Administration

SCHEDULED INTERNATIONAL AIR SERVICES OPERATED TO BOLE (ADDIS ABABA)  
INTERNATIONAL AIRPORT BY TYPE OF AIRLINES AND AIRCRAFT

Table A5

SR. NO.	A I R L I N E S	A I R C R A F T	
		1979/80*	1980/81*
01	ETHIOPIAN AIRLINES (ET)	B-720, B-707, B-727	B-720, B-707, B-727
02	AIR INDIA (AI)	B-707	B-707
03	ALITALIA (AZ)	DC-8, B-707	DC-8, DC-10, B-707
04	BRITISH AIRWAYS (BA)	VC-10, B-707	B-707
05	KENYA AIRWAYS (KQ)	DC-9	B-720, DC-9
06	LUFTHANSA (LH)	B-707	B-707
07	AEROFLOT (SU)	TU-154	TU-154
08	INTERFLUG (IF)	ILL-60	ILL-62
09	CHINA (CA)	B-707	B-707
10	AIR TANZANIA (TC)	B-737	B-737
11	ALYEMDA (DY)	B-720, B-707	B-720, B-707, DHC-7
12	AIR DJIBOUTI (DJ)	B-737	B-727
13	SUDAN AIRWAYS (SD)	B-737	B-737
14	YEMEN AIRLINES (IY)	B-720, B-737	B-727, B-737

\* Year Ending July 7

Source: Civil Aviation Administration

## LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE 1979/80\*

Table A6

SR. NO.	A I R P O R T	ADMINISTRATIVE REGION	T Y P E
01	BOLE (ADDIS ABABA)	SHEWA	INTERNATIONAL
02	YOHANNES IV (ASMARA)	ERITREA	"
03	DEJ. YIELMA ABATENA (DIRE DAWA)	HARARGHE	"
04	JIMMA	KEFFA	DOMESTIC
05	MEKALE	TIGRAI	"
06	AXUM	TIGRAI	"
07	GONDAR	GONDAR	"
08	GOBA	BALE	"
09	DEMBI DOLLO	WOLLEGA	"
10	OTHERS**	VARIES	"

Table A6 (Cont'd) 1980/81\*

SR. NO.	A I R P O R T	ADMINISTRATIVE REGION	T Y P E
01	BOLE (ADDIS ABABA)	SHEWA	INTERNATIONAL
02	YOHANNES IV (ASMARA)	ERITREA	"
03	DEJ. YIELMA ABATENA (DIRE DAWA)	HARARGHE	"
04	JIMMA	KEFFA	DOMESTIC
05	MEKALE	TIGRAI	"
06	AXUM	TIGRAI	"
07	GONDAR	GONDAR	"
08	BAHAR DAR	GOJAM	"
09	MASSAWA	ERITREA	"
10	LALIBELA	WOLLO	"
11	OTHERS***	VARIES	"

\* Year Ending July 7

\*\* There are 20 Domestic Airports which serve less than 500 passengers annually.

\*\*\* There are 15 Domestic Airports which serve less than 500 passengers annually.

Source: Civil Aviation Administration

## INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS 1979/80\*

Table A7

AIRPORT (NAME)	AIRCRAFT MOVEMENT							
	SCHEDULED		NON-SCHEDULED**		OTHERS***		TOTAL	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
BOLE (ADDIS ABABA)	2,147	2,135	2,040	2,072	6,972	6,981	11,159	11,188
YOHANNES IV (ASMARA)	324	323	4,784	4,770	3,323	3,323	8,431	8,416
DEJ. YIELMA ABATENA (DIRE DAWA)	131	131	3,276	3,305	80	81	3,487	3,517
TOTAL	2,602	2,589	10,100	10,147	10,375	10,385	23,077	23,121

Table A7 (Cont'd) 1980/81\*

AIRPORT (NAME)	AIRCRAFT MOVEMENT							
	SCHEDULED		NON-SCHEDULED**		OTHERS***		TOTAL	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT
BOLE (ADDIS ABABA)	1,688	1,688	414	413	-	-	2,102	2,101
YOHANNES IV (ASMARA)	319	318	110	110	-	-	429	429
DEJ. YIELMA ABATENA (DIRE DAWA)	164	163	169	170	-	-	333	333
TOTAL	2,171	2,169	693	693	-	-	2,864	2,863

\* Year Ending July 7

\*\* Non-Scheduled: Private, Special, Military and Similar Flights

\*\*\* Others: Tests, Training, Research and Forced return due to mechanical failures

Source: Civil Aviation Administration

BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED

Table A8

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	1,630	22,395	24,291	46,686	833,550	719,116	1,552,666	47,428	80,984	128,412
1978	1,038	15,752	15,617	31,369	437,316	1,171,012	1,608,328	18,119	53,235	71,354
1979	790	17,807	17,798	35,605	991,000	1,938,000	2,929,000	24,000	32,000	56,000
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

BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED

Table A9

YEAR	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	3,112	42,358	51,683	...	94,041	7,656,969	1,855,615	9,512,584	254,080	103,889	357,969
1978	3,649	47,455	51,098	...	98,553	9,741,780	2,077,111	11,818,891	169,535	84,500	254,035
1979	4,057	57,096	60,895	24,496	142,487	5,301,000	2,417,000	7,718,000	210,000	113,000	323,000
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

Source: Civil Aviation Administration

## BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC BY CARRIER SCHEDULED

Table A10

YEAR	AIRCRAFT MOVEMENT	ETHIOPIAN AIRLINES						OTHER AIRLINES						
		PASSENGERS		FREIGHT (KG.)		MAIL (KG.)		AIRCRAFT MOVEMENT	PASSENGERS		FREIGHT (KG.)		MAIL (KG.)	
		IN	OUT	IN	OUT	IN	OUT		IN	OUT	IN	OUT		
1977	1,650	31,692	35,523	5,954,342	1,176,628	182,707	96,290	1,462	10,666	16,160	1,702,627	676,987	71,373	7,599
1978	2,071	29,910	32,966	6,963,282	1,667,985	108,956	80,558	1,578	17,545	18,132	2,778,498	409,126	60,579	3,942
1979	2,227	37,387	42,074	3,222,000	1,808,000	132,000	101,000	1,830	19,709	18,821	2,079,000	609,000	78,000	12,000
1980	1,723	43,032	46,321	3,206,000	1,648,000	175,000	111,000	1,664	20,484	20,320	2,034,000	525,000	98,000	7,000
1981	1,870	50,262	53,216	3,225,732	1,181,771	178,433	89,796	1,522	22,905	23,804	1,300,990	490,358	116,736	8,900

Source: Civil Aviation Administration

YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED

Table A11

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	758	20,185	17,246	37,431	566,217	805,596	1,371,813	63,600	42,644	106,244
1978	262	10,686	11,701	22,387	1,109,779	413,602	1,523,381	50,605	15,986	66,591
1979	258	14,815	15,251	30,066	1,873,000	978,000	2,851,000	29,000	23,000	52,000
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

YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED

Table A12

YEAR	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	313	1,833	2,202	...	4,035	143,629	42,067	185,696	7,839	6,522	14,361
1978	-	-	-	-	-	-	-	-	-	-	-
1979	96	631	591	-	1,222	6,000	6,000	12,000	-	1,000	1,000
1980	492	2,104	2,391	18,723	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

Source: Civil Aviation Administration

ASSAB INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED

Table A13

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	1,647	1,457	3,104	28,659	10,077	38,736	3,590	1,506	5,096
1978	1,636	1,674	3,310	44,831	23,056	67,887	621	2,170	2,791
1979	546	528	1,074	32,000	8,000	40,000	400	300	700
1980	-	-	-	-	-	-	-	-	-
1981	823	656	1,479	18,402	4,882	23,284	56	177	233

Source: Civil Aviation Administration

DEJ. YIELMA A. TENA DIRE DAWA INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED

Table A14

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	3,155	3,612	6,767	118,713	48,036	166,749	5,290	2,388	7,678
1978	1,178	1,152	2,330	15,169	35,818	50,987	57	57	114
1979	2,375	2,349	4,724	32,000	37,000	69,000	1,000	1,000	2,000
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

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DEJ. YIELMA A. TENA DIRE DAWA INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED

Table A15

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1977	1,565	1,839	3,404	86,451	1,050,798	1,137,249	73	69	142
1978	-	-	-	-	-	-	-	-	-
1979	713	1,450	2,163	12,000	6,000	18,000	-	-	-
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

Source: Civil Aviation Administration

NUMBER OF ETHIOPIAN AIRLINES EMPLOYEES BY PLACE OF ASSIGNMENT

Table A16

YEAR	WITHIN ETHIOPIA			A B R O A D			GRAND TOTAL
	ETHIOPIANS	FOREIGNERS	TOTAL	ETHIOPIANS	FOREIGNERS	TOTAL	
1977	2,695	10	2,705	85	331	416	3,121
1978	2,789	13	2,802	91	360	451	3,253
1979	2,903	27	2,930	80	365	445	3,375
1980	2,559	2	2,561	74	351	425	2,986
1980/81**	2,513	2	2,515	82	347	429	2,944

NUMBER OF ETHIOPIAN AIRLINES EMPLOYEES BY LOCATION

Table A17

L O C A T I O N	Y E A R				
	1977	1978	1979	1980	1980/81**
Africa*	173	208	211	210	215
Ethiopia	2,705	2,802	2,930	2,561	2,515
North & South America	15	13	15	11	11
Asia and Middle East	37	48	39	36	38
Europe	191	182	180	168	165
T O T A L	3,121	3,253	3,375	2,986	2,944

\* Excluding Ethiopia

\*\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

NUMBER OF ETHIOPIAN AIRLINES EMPLOYEES BY ADMINISTRATIVE REGION

Table A18

ADMINISTRATIVE REGION	1977	1978	1979	1980	1980/81*
Arssi	-	-	-	-	-
Bale	2	8	9	7	8
Eritrea	113	91	101	100	108
Gamo Gofa	21	20	16	3	3
Gojam	19	15	13	5	5
Gondar	19	16	17	7	7
Hararghe	38	28	33	27	24
Illubabor	25	22	18	3	3
Keffa	39	34	40	10	19
Sidam•	6	6	7	1	1
Shewa	2,377	2,512	2,628	2,358	2,304
Tigray	21	22	18	12	12
Wollega	13	13	11	8	8
Wollo	12	15	19	11	13
T O T A L	2,705	2,802	2,930	2,561	2,515

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

NUMBER OF ETHIOPIAN AIRLINES EMPLOYEES BY OCCUPATION

Table A19

O C C U P A T I O N	Y E A R				
	1977	1978	1979	1980	1980/81*
Flying	254	294	274	258	281
a) Cabin Attendants	138	167	163	137	158
d) Flying Hostesses	77	85	82	65	92
ii) " Purser	13	33	30	22	20
iii) " Attendants	17	21	19	18	16
iv) International F/Sup.	8	7	9	7	7
v) Lead Cabin Crews	23	21	23	25	23
b) Pilots	116	127	111	121	123
i) Captains	44	50	50	42	49
ii) First Officers	39	46	33	51	44
iii) Second Officers	30	28	24	24	26
iv) Adm's Directors	3	3	4	4	4
Traffic and Sales Personnel	1,170	1,171	1,163	1,047	1,010
Maintenance and O'haul	1,125	1,208	1,335	1,121	1,124
Others	572	580	603	560	529
T O T A L	3,121	3,253	3,375	2,986	2,944

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

## ETHIOPIAN AIRLINES REVENUE BY SOURCE

Table A20

S O U R C E	IN MILLIONS ETH. BIRR				
	1977	1978	1979	1980	1980/81*
Passengers	83	82	99	125	138
Freight	20	23	18	24	23
Charter	25	45	21	34	35
Mail	1	1	1	2	2
Excess Baggage	3	4	5	8	8
Commission	2	2	2	3	2
Miscellaneous Service	4	1	5	5	6
T • T A L	138	158	151	201	214

\* July 1, 1980 to June 30, 1981

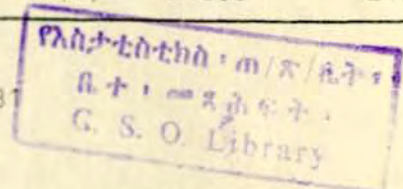
Source: Ethiopian Airlines

ETHIOPIAN AIRLINES EXPENDITURE BY PURPOSE

Table A21

P U R P O S E	IN-MILLION ETH. BIRR				
	1977	1978	1979	1980	1980/81*
Salaries and Pension	32.2	34.5	35.2	33.4	33
Travel Expenses	4.3	5.5	8.2	8.9	9
Aviation Gas-Oil	37.1	44.6	59.9	83.8	89
Aircraft Material	6.3	6.0	4.0	5.0	5
Handling Fees of Aircraft and Landing	10.8	14.1	14.0	14.7	16
Commission Expenses	7.6	7.0	8.5	16.4	21
Advertising and Publicity	2.0	2.4	3.1	1.7	2
Insurance	2.8	4.0	4.3	4.8	4
Depreciation	3.4	3.4	4.6	10.0	12
Interest Expense - Net	1.0	0.2	2.0	8.4	8
Service and Miscellaneous Expenses	18.4	26.3	20.9	19.7	19
Other Non-Operating Items	-	-	-	-	(4)
T O T A L	125.9	148.0	164.7	206.8	214

\* July 1, 1980 to June 30, 1981



Source: Ethiopian Airlines

## ETHIOPIAN AIRLINES OPERATING STATISTICS

Table A22

I T E M	1977	1978	1979	1980	1980/81*
Average-Miles per Passenger					
International	1,886	2,220	4,129	2,896	1,595
Domestic	200	281	993	894	225
Average	1,472	1,714	3,561	2,691	1,424
Revenue Passenger-Miles ('000)					
International	321,646	304,641	329,578	395,285	440,225
Domestic	11,088	13,663	11,769	6,565	8,806
T o t a l	332,734	318,304	341,347	401,850	449,031
Revenue Freight carried (Long Tons)					
International	9,887	9,807	5,471	6,753	6,574
Domestic	1,548	2,133	3,222	1,998	2,022
T o t a l	11,435	11,940	8,693	8,751	8,596
Revenue Freight Ton-Miles ('000)					
International	12,389	14,880	12,595	14,410	10,517
Domestic	453	676	1,299	870	860
T o t a l	12,842	15,556	13,894	15,280	11,377
Revenue Plane-Miles ('000)	8,871	9,917	7,146	8,344	7,002
Pay Load Factor (%)	59	63	44	56	55

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

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

Table A21

Category	Type of Aircraft	1977			1978			1979			1980			1980/81*		
		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	1	-	1	-	-	-
	DC - 6B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Intercontinental B707 - 320C	1	-	1	1	-	1	1	-	1	1	-	1	1	-	1
	Stratoliner 720 - B	5	-	5	5	-	5	5	-	5	5	-	5	5	-	5
	TOTAL	6	-	6	7	-	7	7	-	7	7	-	7	6	-	6
Tri Engine	Boeing 727 - 200	-	-	-	-	-	-	-	-	-	2	1	3	3	-	3
2 Engines	Douglas DC - 3/C - 47	-	-	-	-	-	-	7	-	7	7	-	7	8	-	8
	Dash - 5	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
	GRAND TOTAL	6	-	6	7	-	7	14	-	14	16	1	17	19	-	19

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

DOMESTIC PASSENGERS BY ORIGIN, DESTINATION  
AND MAJOR AIRPORTS, 1977

Table A24

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	1,214	2,524	768	933	6,785	12,224
ASA	1,073	-	78	262	-	44	1,457
ASM	1,288	76	-	2	-	6,064	7,430
DIR	1,165	302	3	-	-	233	1,703
JIM	1,327	-	-	-	-	3,098	4,425
OTHERS	6,066	39	6,132	333	3,735	-	16,305
TOTAL	10,919	1,631	8,737	1,365	4,668	16,224	43,544

Table A24 (Cont'd) 1978

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	1,521	8,247	1,071	813	3,965	15,617
ASA	1,453	-	20	107	-	94	1,674
ASM	8,581	-	-	-	-	2,812	11,393
DIR	1,069	83	-	-	-	-	1,152
JIM	1,218	-	-	-	-	2,883	4,101
OTHERS	3,401	212	1,829	-	3,003	-	8,445
TOTAL	15,722	1,816	10,096	1,178	3,816	9,754	42,382

N.B.

ADD Addis Ababa  
 ASA Assab  
 ASM Asmara  
 DIR Dire Dawa  
 JIM Jimma

Table A24 (Cont'd) 1979

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	534	13,084	2,208	245	1,727	17,798
ASA	532	-	-	48	-	5	585
ASM	13,400	-	-	-	-	1,272	14,672
DIR	2,012	56	-	-	-	286	2,354
JIM	441	-	-	-	-	1,942	2,383
OTHERS	1,422	6	1,209	119	2,231	1,689	6,676
TOTAL	17,807	596	14,293	2,375	2,476	6,921	44,468

Table A24 (Cont'd) 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 A24 (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

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN,  
DESTINATION AND MAJOR AIRPORTS, 1977

Table A25

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	8	229	30	17	70	354
ASA	7	-	2	1	-	-	10
ASM	505	3	-	-	-	42	550
DIR	13	17	1	-	-	2	33
JIM	16	-	-	-	-	80	96
OTHERS	32	-	52	-	71	-	155
<b>TOTAL</b>	<b>573</b>	<b>28</b>	<b>284</b>	<b>31</b>	<b>88</b>	<b>194</b>	<b>1,198</b>

Table A25 (Cont'd) 1978

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	12	944	9	15	46	1,026
ASA	16	-	1	6	-	-	23
ASM	363	1	-	-	-	36	400
DIR	3	33	-	-	-	-	36
JIM	14	-	-	-	-	95	109
OTHERS	36	-	20	-	96	-	152
<b>TOTAL</b>	<b>432</b>	<b>46</b>	<b>965</b>	<b>15</b>	<b>111</b>	<b>177</b>	<b>1,746</b>

Table A25 (Cont'd) 1979

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	10	1,868	32	11	19	1,940
ASA	9	-	-	1	-	-	10
ASM	960	-	-	-	-	4	964
DIR	11	24	-	-	-	2	37
JIM	5	-	-	-	-	64	69
OTHERS	15	-	3	-	69	167	254
TOTAL	1,000	34	1,871	33	80	256	3,274

Table A25 (Cont'd) 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 A25 (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

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

DOMESTIC MAIL TRAFFIC IN KILOGRAMMES BY ORIGIN,  
DESTINATION AND MAJOR AIRPORTS, 1977

Table A26

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	3,217	9,704	2,800	276	10,214	26,211
ASA	1,228	-	42	236	-	-	1,506
ASM	12,568	68	-	-	-	3,480	16,116
DIR	1,120	268	-	-	-	590	1,978
JIM	1,386	-	-	-	-	927	2,313
OTHERS	4,188	37	1,239	109	672	-	6,245
TOTAL	20,490	3,590	10,985	3,145	948	15,211	54,369

Table A26 (Cont'd) 1978

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	615	48,945	57	461	3,157	53,235
ASA	2,107	-	-	-	-	63	2,170
ASM	14,035	6	-	-	-	1,788	15,829
DIR	57	-	-	-	-	-	57
JIM	173	-	-	-	-	699	872
OTHERS	1,590	-	1,660	-	179	-	3,429
TOTAL	17,962	621	50,605	57	640	5,707	75,592

Table A26 (Cont'd) 1979

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	372	28,451	1,094	59	1,385	31,361
ASA	293	-	-	51	-	-	344
ASM	23,149	-	-	-	-	119	23,268
DIR	25	-	-	-	-	771	796
JIM	66	-	-	-	-	1,587	1,653
OTHERS	616	-	143	3	240	713	1,715
TOTAL	24,149	372	28,594	1,148	299	4,575	59,137

Table A26 (Cont'd) 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

NUMBER OF POST OFFICES AND EMPLOYEES  
IN ETHIOPIA

Table A26 (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

\* July 1, 1980 to June 30, 1981

Source: Ethiopian Airlines

## POSTAL STATISTICS

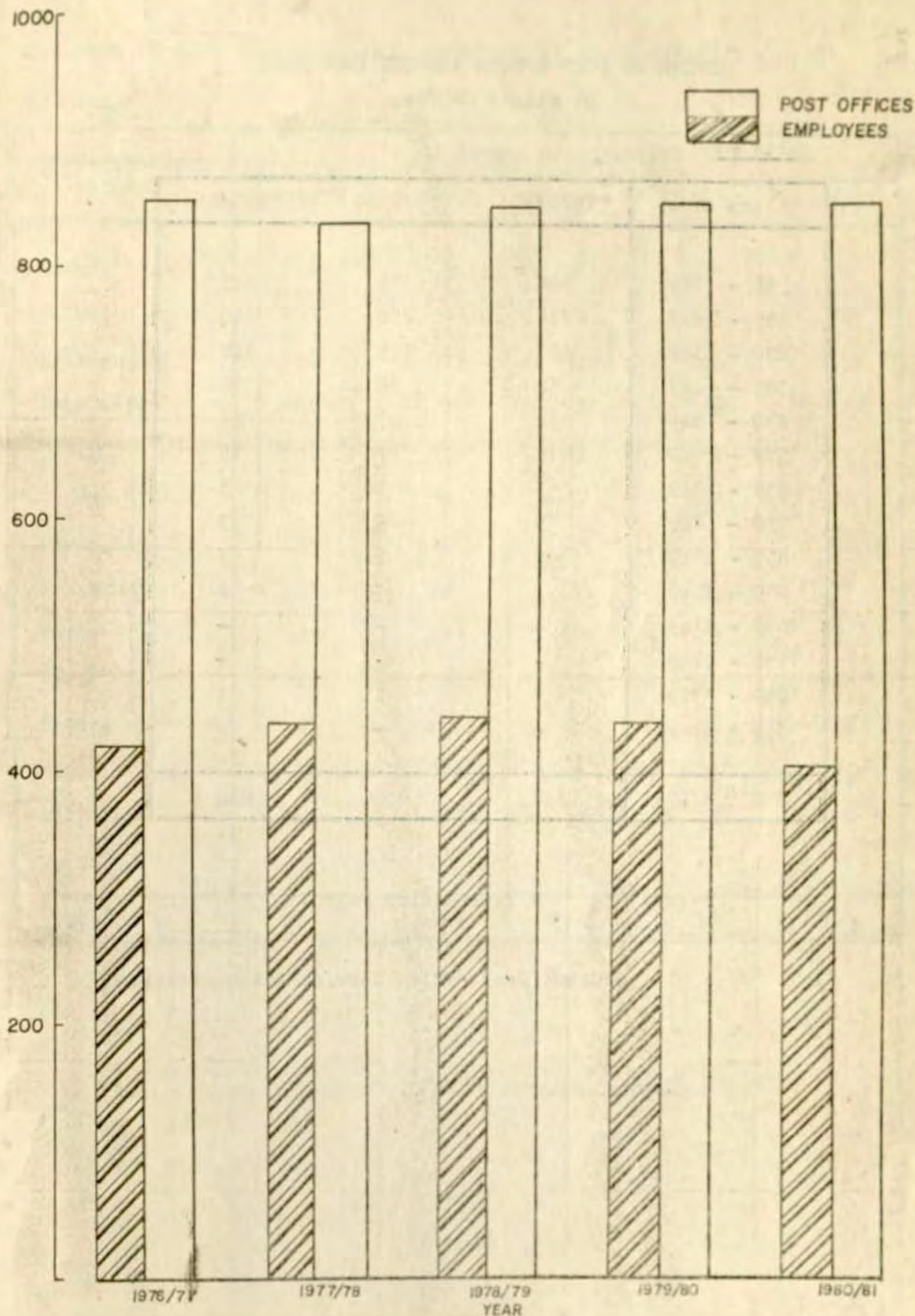
Postal Service Statistics is prepared here to show just the activities of the Post Office Service Administration of Ethiopia. As can be observed from Table P3 the Administration has branch offices in all regions of the country. The total number of post offices in 1980/81 were 404 in which the maximum number is found in the region of Shewa, where the number increased to 109. The figure of all the post offices in 1980/81 is less in number than the other years indicated in the table.

As far as the situation of employment is concerned, Table P1 shows that there were 850 personnels in 1980/81, indicating no improvement in the expansion of employment from that of the 1979/80.

Coming to the major activity of the Post Office Service, the number of mails handled by type of mail traffic is provided in Table P4. The total number of mails handled in 1980/81 was 25,111,400 out of which 18,792,000 mails were handled domestically. The remaining 6,319,400 mails were the incoming and outgoing international letters and parcels.

# NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA

IN NUMBER



NUMBER OF POST OFFICE SERVICE EMPLOYEES  
BY SALARY GROUP\*

Table P1

Salary Group	1978/79	1979/80	1980/81
50 - 149	308	273	285
150 - 249	246	258	260
250 - 349	151	145	148
350 - 449	62	98	72
450 - 549	54	47	56
550 - 649	15	17	15
650 - 749	3	3	3
750 - 849	5	6	7
850 - 949	1	1	1
950 - 1049	1	1	2
1050 - 1149	-	-	-
1150 - 1249	-	-	-
1250 - 1349	1	1	1
1350 & above	-	-	-
T O T A L	847	850	850

\* Year Ending July 7

Source: Post Office Service Administration

NUMBER OF POST OFFICE SERVICE EMPLOYEES BY ADMINISTRATIVE REGION\*

Table P2

ADMINISTRATIVE REGION	NUMBER OF EMPLOYEES				
	1976/77	1977/78	1978/79	1979/80	1980/81
Arssi	8	8	8	8	7
Bale	7	7	6	7	8
Eritrea	82	77	94	112	105
Gamo Goffa	6	7	7	6	7
Gojam	12	11	13	10	14
Gondar	18	18	17	20	19
Hararghe	51	46	43	51	52
Illubabor	24	22	22	12	17
Keffa	22	21	22	23	24
Shewa	529	529	524	520	514
Sidam	21	20	22	15	22
Tigrai	24	25	26	23	26
Wollega	26	23	20	23	18
Wello	22	20	23	20	17
T O T A L	852	834	847	850	850

\* Year Ending July 7

Source: Post Office Service Administration

NUMBER OF POST OFFICE BY ADMINISTRATIVE REGION\*

Table P3

ADMINISTRATIVE REGION	NUMBER OF POST OFFICE				
	1976/77	1977/78	1978/79	1979/80	1980/81
Arsisi	11	12	12	13	12
Bale	11	11	11	11	11
Eritrea	42	42	42	34	35
Gam• Goffa	9	9	9	8	8
Gcjam	25	27	27	20	19
Gondar	33	30	33	29	29
Hararghe	50	52	52	50	51
Illubabor	15	13	13	13	13
Keffa	24	24	24	24	27
Shewa	78	94	96	108	109
Sidamo	32	27	27	29	29
Tigrai	35	35	35	26	28
Wollega	25	29	29	29	27
Wello	31	34	34	45	44
T O T A L	421	439	444	439	404

\* Year Ending July 7

Source: Post Office Service Administration

NUMBER OF MAILES HANDLED BY TYPE OF MAIL TRAFFIC\*

Table P4

MAIL TRAFFIC	NUMBER OF MAILES		
	1978/79	1979/80	1980/81
<b>A. DOMESTIC MAIL</b>			
Letters** . . . . .	22,119,334	14,138,600	18,774,000
Parcels*** . . . . .	5,598,312	61,900	18,000
T O T A L . . . . .	27,717,646	14,200,500	18,792,000
<b>B. INTERNATIONAL MAIL</b>			
<b>I. INCOMING INTERNATIONAL</b>			
Letters** . . . . .	1,794,156	4,228,500	5,132,000
Parcels*** . . . . .	1,241,910	36,800	51,000
T O T A L . . . . .	3,036,066	4,265,300	5,183,000
<b>II. OUTGOING INTERNATIONAL</b>			
Letters** . . . . .	918,596	1,366,100	1,130,000
Parcels*** . . . . .	246,528	15,900	6,400
T O T A L . . . . .	1,165,124	1,382,000	1,136,400
GRAND TOTAL	31,918,836	19,847,800	25,111,400

\* Year Ending July 7

\*\* Includes small packets for 1978/79

\*\*\* Includes second class letters

Source: Post Office Service Administration

## TELECOMMUNICATIONS STATISTICS

The Telecommunications Service of Ethiopia appears to be a means in expanding communications network. Concomitantly, it has expanded employment opportunity; for instance, the number of employees of the organization has increased from 4,605 in 1979/80 to 4,691 in 1980/81 (an increment of 2 percent). Comparing the 1980/81 to that of the 1977, the increment in employment in 1980/81 is approximated to 17 percent. The general expansion in employment opportunity is displayed in Table T1.

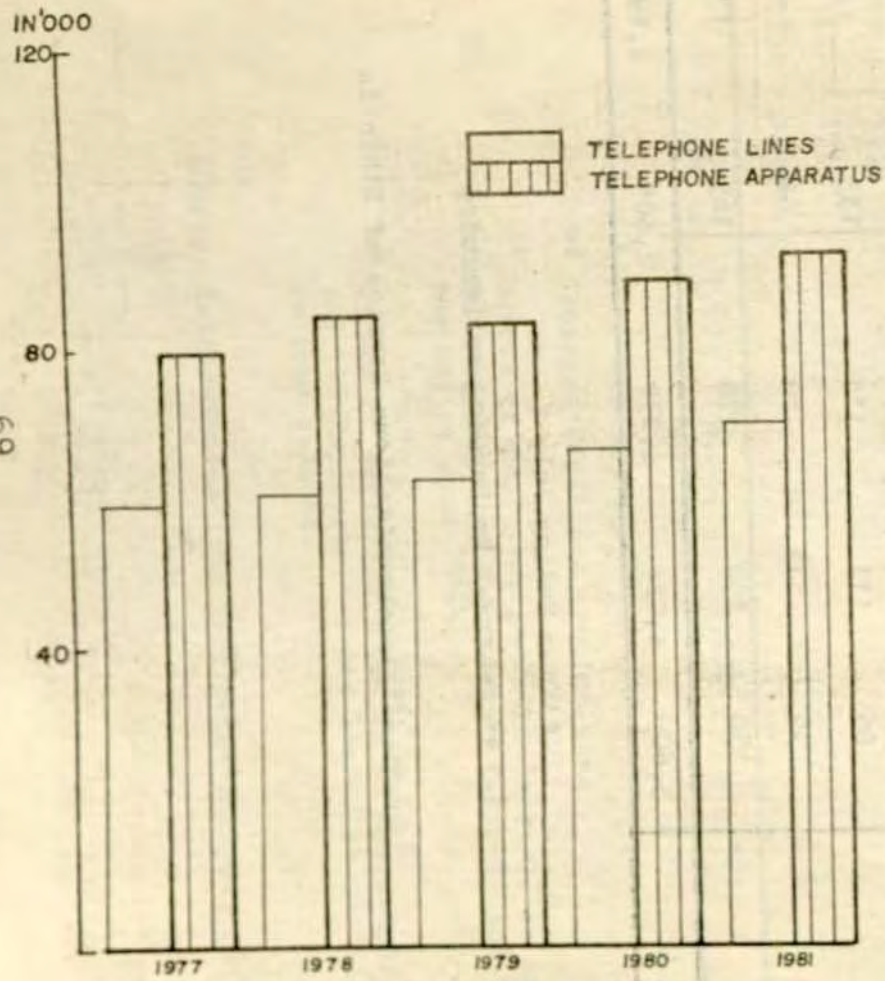
An examination of the financial operation of this service (Tables T4 and T5) reveals that revenues exceeded expenditure for all years indicated except for the year 1978/79, where expenditure exceeded revenue by about one and half million. In 1980/81 the total amount of revenue exceeded the expenditure amount by about 6.3 million Birr.

Table T6 displays that the number of telephone lines and apparatus has been stepping up every year in virtually all urban areas of all regions in the country. One can notice, however, that improvement in the number of telephone lines and apparatus is more pronounced in the big urban areas, particularly in Addis Ababa. As far as Table T6 is concerned, out of the total 65,714 lines and 88,184 apparatus in the country, 35,453 lines and 52,052 apparatus were in Addis Ababa (i.e., 54 percent of line and 59 percent of apparatus) in 1979/80. Similarly, in 1980/81, out of the total 68,792 lines and 91,551 apparatus, 37,807 lines and 54,732 apparatus were recorded for Addis Ababa, the share being 55 percent of lines and 60 percent of apparatus from the total.

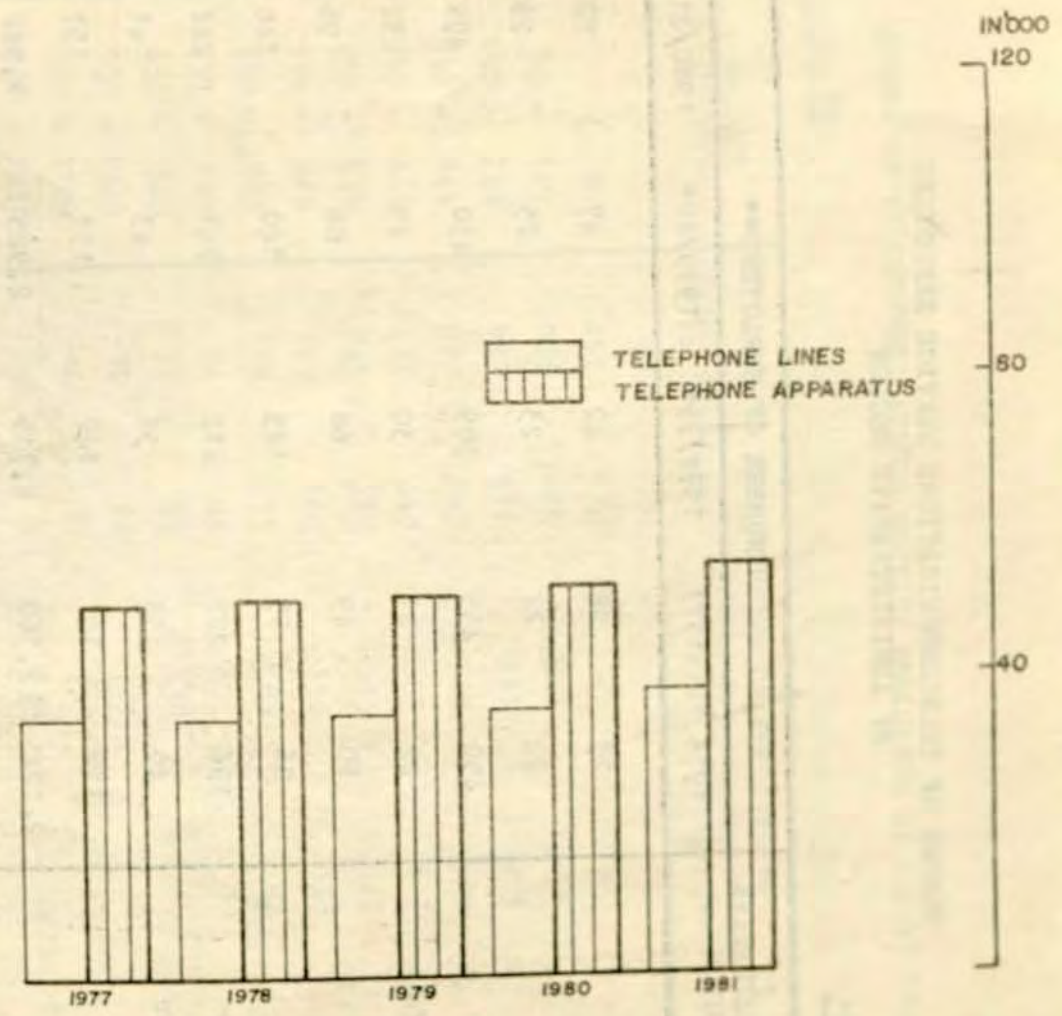
Table T7 shows the quantitative illustration of Public Telephones (Coin Box Telephones) by selected urban areas. The capital city, Addis Ababa, took the lion's share; in 1980/81, for example, there were 689 public telephones out of which 478 were in Addis Ababa.

The last table, Table T8, is prepared just to display the number of interurban telephone calls among regional capital cities for four successive years (i.e., 1977/78 - 1980/81). One can, however, observe from this table that most of the calls are from and to Addis Ababa.

NUMBER OF TELEPHONE IN USE  
IN ETHIOPIA



NUMBER OF TELEPHONE IN USE IN  
ADDIS ABABA



NUMBER OF TELECOMMUNICATIONS SERVICE EMPLOYEES  
BY ADMINISTRATIVE REGION

Table T1

ADMINISTRATIVE REGION	NUMBER OF EMPLOYEES**				
	1976	1977	1978/79*	1979/80*	1980/81
Arssi	23	28	42	47	52
Bale	20	22	23	25	28
Eritrea	450	435	389	430	458
Gamo Gofa	22	21	30	29	32
Gcjjam	60	49	68	86	96
Gondar	86	99	125	140	148
Hararghe	196	227	212	241	244
Illubabor	40	38	36	43	41
Keffa	130	137	142	151	151
Shewa	2,224	2,560	2,715	2,925	2,942
Sidamo	72	96	104	118	113
Tigrai	86	111	115	133	142
Wollega	50	51	59	68	68
Wello	150	150	178	169	176
<b>T O T A L</b>	<b>3,609</b>	<b>4,024</b>	<b>4,238</b>	<b>4,605</b>	<b>4,691</b>

\* Year Ending July 7

\*\* Contract Employees are included

Source: Telecommunications Service of Ethiopia

NUMBER OF TELECOMMUNICATIONS SERVICE EMPLOYEES BY SALARY GROUP

Table T2

SALARY GROUP	NUMBER OF EMPLOYEES**				
	1976	1977	1978/79*	1979/80**	1980/81** <sup>‡</sup>
↳ 50	457	572	-	-	-
50 - 149	825	1,025	1,542	1,472	1,584
150 - 249	621	670	837	913	917
250 - 349	572	592	541	538	560
350 - 449	412	442	607	603	595
450 - 549	245	225	295	427	510
550 - 649	140	160	136	136	124
650 - 749	106	115	82	82	89
750 - 849	94	85	102	99	104
850 - 949	75	81	39	45	47
950 - 1049	32	26	21	11	16
1050 - 1149	10	11	9	14	7
1150 - 1249	6	5	18	18	17
1250 - 1349	4	5	4	4	6
1350 - 1449	1	1	1	1	1
1450 - 1549	4	4	1	1	1
1550 & above	5	5	3	3	3
T O T A L	3,609	4,024	4,238	4,367	4,581

\* Year Ending July 7

\*\* Contract Employees are included

+ Number of Employees shown in Table T2 is at the end of February 1980, while that in Table T1 and T3 is at the end of June 1980.

‡ Number of Employees shown is at the end of June 1981 and 110 Employees are not listed in payrolls for various reasons.

Source: Telecommunications Service of Ethiopia

NUMBER OF TELECOMMUNICATIONS SERVICE EMPLOYEES BY OCCUPATION

Table T3

OCCUPATION	1976	1977	1978/79*	1979/80*	1980/81*
Managerial Personnel	48	44	47	51	47
Technical "	1,283	1,435	1,435	1,526	1,557
Traffic "	1,078	1,211	1,265	1,375	1,414
Administrative "	575	607	675	775	775
Others	625	727	816	878	898
T O T A L	3,609	4,024	4,238	4,605	4,691

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

TELECOMMUNICATIONS SERVICE REVENUE BY SOURCE (IN '000 BIRR)\*

Table T4

S O U R C E	1976/77	1977/78	1978/79	1979/80	1980/81
<u>URBAN TELEPHONE</u>	20,789	18,758	19,819	23,908	33,369
Initial Subscription	1,317	821	1,113	1,079	2,256
Rent	5,531	5,706	6,099	6,537	6,942
Moves and Changes	192	253	307	263	308
Urban Calls	13,749	11,978	12,300	16,029	23,863
<u>INTERURBAN TELEPHONE</u>	7,323	7,817	8,185	12,510	15,806
Inland Calls	5,316	5,762	6,545	7,375	7,709
International Calls	1,956	1,868	1,618	4,996	8,010
Radi• Licence	51	187	22	139	87
<u>TELEGRAPH</u>	4,042	4,643	4,819	3,609	3,390
Inland Telegrams	491	696	692	460	445
International Telegrams	2,960	2,998	3,268	2,231	1,963
Other Telegraph Services	591	949	859	918	982
<u>TELEX</u>	4,170	4,414	5,179	6,350	7,556
Urban	623	687	754	759	782
Interurban	128	160	199	203	250
Foreign	3,419	3,567	4,226	5,388	5,327
<u>BROADCASTING</u>	1,865	748	-	-	-
<u>MISCELLANEOUS</u>	1,261	2,645	698	1,674	1,197
<b>TOTAL REVENUE</b>	<b>39,450</b>	<b>39,025</b>	<b>38,700</b>	<b>48,051</b>	<b>60,121</b>

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

## TELECOMMUNICATIONS SERVICE EXPENDITURE BY PURPOSE

(IN '000 BIRR)\*

Table T5

PURPOSE	1976/77	1977/78	1978/79	1979/80	1980/81
Personnel Emolument	2,877	2,455	4,770	4,989	5,357
Training	227	410	308	477	689
Maint. and depreciation of Telephone					
i) Urban Telephone	7,949	8,365	8,805	9,524	10,384
ii) Interurban Telephone	6,360	6,624	6,773	7,242	8,296
Maint. and depreciation of Telegraph	2,395	2,488	2,686	2,720	3,649
Maint. and depreciation of Telex	524	406	516	842	870
Broadcasting	1,737	593	32	-	-
Maint. and depreciation of Building	1,056	1,080	953	1,515	1,741
Depreciation of furniture and equipment	80	95	103	114	108
Interest on loan	3,012	3,998	4,180	6,632	6,894
Provision for profit Tax	3,677	1,322	250	3,806	6,483
Capital Charge	-	-	4,797	4,827	5,277
Miscellaneous	4,170	9,618	6,055	1,557	4,034
<b>TOTAL EXPENDITURE</b>	<b>34,064</b>	<b>37,454</b>	<b>40,228</b>	<b>44,245</b>	<b>53,782</b>

\* Year Ending July 7

- Note:- 1) 1977/78 figure for broadcasting is for 3 months  
 2) Miscellaneous figure for 1977/78 includes 5% Capital Charge

Source: Telecommunications Service of Ethiopia

NUMBER OF TELEPHONES IN USE BY ADMINISTRATIVE CAPITAL CITIES AND OTHER TOWNS

Table T6

Year	A R S S I				B A L E				G O N D A R			
	Assella		Other towns		Goba		Other towns		Gondar		Other towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1977	209	285	168	184	183	191	83	83	793	925	174	176
1978	221	299	172	189	193	218	108	111	855	1,088	186	190
1978/79*	228	301	128	137	196	221	116	118	957	1,209	1,394	1,625
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

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
1977	7,746	9,918	1,256	1,724	171	188	53	56	286	300	529	566
1978	7,966	10,092	1,262	1,840	179	197	41	44	372	399	615	652
1978/79*	7,932	10,063	1,949	2,511	180	180	40	61	390	423	601	682
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

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

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
1977	745	839	2,206	2,548	163	171	188	193	990	1,105	457	410
1978	831	925	2,147	2,439	163	171	173	177	1,089	1,206	599	676
1978/79*	897	997	2,133	2,291	175	199	220	224	1,131	1,250	1,095	1,170
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

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		Nekele		Other towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1977	34,442	49,471	4,158	5,109	352	421	1,018	1,049	446	494	292	307
1978	34,343	50,094	3,610	7,285	380	450	1,056	1,086	467	511	383	402
1978/79*	34,878	50,848	3,703	4,287	196	221	986	1,021	467	511	388	407
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

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

Table T6 (Cont'd)

Year	W O L L E G A				W O L L O				T O T A L	
	Nekemte		Other Towns		Dessie		Other Towns			
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1977	220	240	232	271	792	830	495	559	58,847	78,613
1978	229	244	260	266	905	980	1,367	1,616	60,172	83,847
1978/79*	242	211	318	329	909	986	424	493	62,273	82,976
1979/80*	280	380	379	385	905	980	604	735	65,714	88,184
1980/81*	357	433	433	433	922	992	835	995	68,792	91,551

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

77

PUBLIC TELEPHONES (COIN BOX TELEPHONES) BY SELECTED URBAN AREAS

Table T7

URBAN AREAS	Y E A R				
	1977	1978	1978/79*	1979/80*	1980/81*
Addis Ababa	441	449	460	468	478
Asmara	64	64	66	70	71
Dire Dawa	22	21	21	20	19
Jimma	29	28	29	32	32
Harar	8	8	9	12	12
Dessie	13	15	16	16	17
Gondar	7	14	14	17	17
Massawa	7	7	7	4	5
Assab	10	12	15	18	18
Nazareth	8	8	8	8	8
Shashemene	-	-	-	5	5
Awassa	-	-	-	-	4
Makalle	-	-	-	-	3
T O T A L	609	626	645	670	689

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

NUMBER OF INTERURBAN TELEPHONE CALLS AMONG REGIONAL CAPITAL CITIES, 1977/78\*

Table T8

TO FROM	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemete
Addis Ababa	-	12,557	17,148	18,398	38,818	25,215	11,645	13,271	30,241	31,813	15,962	46,176	7,320	14,551
Arba Minch	17,487	-	117	32	1,329	134	206	470	62	257	205	95	39	61
Assella	22,834	75	-	11	390	89	59	125	26	719	216	59	22	1,433
Asmara	14,599	36	27	-	62	45	217	25	542	78	65	2,021	18	16
Awassa	49,859	910	245	35	-	108	177	1,524	148	506	353	107	43	125
Debre Marcos	25,714	48	84	96	104	-	108	70	1,039	437	186	197	11	182
Dessie	20,570	121	72	462	283	166	-	82	160	445	313	3,689	11	114
Goba	15,989	266	199	36	1,269	142	89	-	57	297	171	135	18	124
Gondar	36,651	52	76	1,576	85	1,047	167	33	-	374	185	386	12	45
Harar	...	...	...	...	...	...	...	...	...	-	...	...	...	...
Jimma	3,944	144	208	36	243	117	78	3	180	65	-	147	1,516	186
Mekelle	26,091	54	11	2,688	84	102	2,506	62	90	208	216	-	2	96
Mettu	9,288	16	15	46	51	15	16	2	37	56	2,190	93	-	32
Nekemete	21,619	23	68	16	145	77	176	72	67	166	319	33	42	-

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

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Table 78 (Cont'd.) 1978/79\*

FROM \ TO	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemete
Addis Ababa	-	10,612	18,519	26,858	37,807	29,903	11,393	12,670	37,959	19,888	16,037	40,040	7,954	16,807
Arba Minch	15,107	-	136	2	1,964	74	371	201	61	81	134	96	8	62
Assella	24,213	888	-	2,277	248	106	110	171	154	2,422	272	157	9	163
Asmara	22,021	9	1	-	34	36	285	27	305	170	72	3,024	9	35
Awassa	59,448	1,126	320	53	-	234	384	1,106	294	964	721	254	52	203
Debre Marcos	21,708	26	58	24	68	-	90	90	728	198	292	148	12	49
Dessie	19,328	85	122	493	355	124	-	136	286	264	202	4,696	17	63
Goba	17,352	162	510	36	2,000	143	125	-	61	280	264	80	13	102
Gondar	62,690	16	94	780	88	2,236	218	32	-	344	124	1,056	42	6
Harar	14,728	20	248	16	92	16	195	46	255	-	216	120	28	88
Jimma	5,116	36	261	180	354	278	34	-	112	31	-	166	1,596	261
Mekelle	19,155	-	91	796	28	25	3,022	-	-	51	56	-	-	24
Mettu	2,760	10	54	8	-	-	-	-	-	10	1,116	-	-	-
Nekemete	20,804	18	25	104	121	22	70	24	48	128	254	89	15	-

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

Table TB (Cont'd.) 1979/80\*

TO FROM	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Marcos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemete
Addis Ababa	-	10,818	20,197	13,407	35,874	27,036	3,875	12,947	35,471	17,334	13,694	38,044	8,837	18,817
Arba Minch	1,425	-	104	171	1,143	61	103	140	38	60	99	60	21	11
Assella	23,307	48	-	291	291	84	132	235	70	356	238	174	38	210
Asmara	25,233	108	-	-	327	511	1,116	278	4,076	929	349	13,774	80	215
Awassa	49,874	1,443	1,165	800	-	281	336	1,818	259	914	635	314	70	599
Debre Marcos	21,522	43	62	693	85	-	57	53	1,308	116	278	93	18	91
Dessie	15,212	40	80	2,294	182	130	-	73	174	165	201	4,167	44	77
Goba	16,502	113	387	304	1,213	136	135	-	66	243	175	53	18	72
Gondar	41,002	24	62	4,974	58	1,598	476	49	-	144	228	1,773	50	37
Harar	...	...	...	...	...	...	...	...	...	-	...	...	...	...
Jimma	7,626	57	189	219	215	197	105	67	165	64	-	288	2,635	482
Mekelle	77,800	41	-	21,097	264	186	6,656	18	408	251	64	-	30	205
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Nekemete	25,690	21	337	96	155	49	42	14	68	131	151	52	26	-

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

Table T8 (Cont'd) 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	32
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	14,356	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	-

\* Year Ending July 7

Source: Telecommunications Service of Ethiopia

## BROADCASTING STATISTICS

The Broadcasting Service of Ethiopia renders its broadcasting services in 9 languages through its programmes of national and international services. The details about the languages transmitted are presented in Tables B4 and B5. Here it is important to note that Amharic takes the lion's share of Broadcasting hours and it is the national language of Ethiopia.

The data, in this section of the bulletin, reveals important information on the Broadcasting services rendered from the Radio Voice of Revolutionary Ethiopia, the Ethiopian Television Service and the Ministry of Education Mass Media Service.

The Radio Voice of Revolutionary Ethiopia transmits its programmes from two studios in Addis Ababa, one in Asmara and one in Harar. Asmara and Harar studios are intended exclusively for national services and broadcast in Tigrigna, Tigre and Gromigna in that order. As estimated by the Ministry of Information and National Guidance, the number of radio sets in the country was 3,000,000, almost the same every year from 1978 to 1980/81.

Amharic and English are the usual transmission media of the Ethiopian Television Service. The estimated number of television sets, estimated by the Ethiopian Television Service, is shown in Table B6. The number of households with television sets was about 35,000 in 1980/81 and this is the maximum among the 5 years indicated in Table B6.

The Ministry of Education Mass Media Service presents Educational programmes that are transmitted from ten radio studios from October to May. (For details see Table B7)

NUMBER OF MINISTRY OF INFORMATION AND NATIONAL GUIDANCE  
(BROADCASTING SERVICE) EMPLOYEES BY SALARY GROUP\*\*

Table B1

SALARY GROUP	NUMBER OF EMPLOYEES				
	1976	1977/78*	1978/79*	1979/80*	1980/81*
50 - 149	29	248	262	239	171
150 - 249	65	210	188	182	99
250 - 349	71	181	215	208	133
350 - 449	43	102	95	99	78
450 - 549	20	98	87	93	59
550 - 649	29	54	71	66	64
650 - 749	11	31	50	52	31
750 - 849	9	33	32	35	36
850 - 949	1	11	9	8	6
950 - 1049	3	9	9	12	7
1050 - 1149	-	4	5	3	2
1150 - 1249	1	2	2	4	4
1250 - 1349	-	3	-	-	-
1350 - 1449	-	2	1	1	-
1450 - 1549	-	1	1	1	2
1550 +	-	3	2	2	1
T O T A L	282	992	1,029	1,005	693

NUMBER OF MINISTRY OF INFORMATION AND NATIONAL GUIDANCE  
(BROADCASTING SERVICE) EMPLOYEES BY OCCUPATION\*\*

Table B2

O C C U P A T I O N	E N D O F Y E A R				
	1976	1977/78*	1978/79*	1979/80*	1980/81*
Administrative Personnel	105	483	492	435	348
Radio Programmers	121	186	191	186	-
Television Programmers	29	34	36	70	-
Technical Personnel	27	289	310	193	141
Journalist	-	-	-	121	204 <sup>+</sup>
T O T A L	282	992	1,029	1,005	693

\* Year Ending July 7

\*\* Employees of International Service i.e. employees of the Ex-Radio Voice of the Gospel are included in 1977/78 to 1979/80

+ Radio and Television Programmers are said to be as Journalists

Source: Ministry of Information and National Guidance

NUMBER OF RADIO STATIONS, TRANSMITTERS  
AND HOUSEHOLDS WITH RADIO SETS

Table B3

Year	Radio Station	Transmitters	Households with Radio Sets*
1977	3	10	...
1978	3	10	3,000,000
1978/79**	3	13	3,000,000
1979/80**	3	13	3,000,000
1980/81**	3	12 <sup>+</sup>	3,000,000

\* Estimated by Ministry of Information and National Guidance

\*\* Year Ending July 7

Note:

Radio Station    1. Harar ..... 1  
                   2. Addis Ababa ... •  
                   3. Asmara ..... 1

+ Transmitters:

•            5-Short Wave with 100 K.W.  
               2-Medium Wave with 100 K.W.  
               1- "        "        "        50 K.W.  
               4- "        "        "        1 K.W.

Source: Ministry of Information and National Guidance

RADIO BROADCASTING HOURS AND LANGUAGES USED BY LOCATION OF STUDIO, NATIONAL SERVICES

Table B4

Year	ADDIS ABABA STUDIO							
	AMHARIC				SOMALI*			
	News	General Information	Recreation	Commercial	News	General Information	Recreation	Commercial
1977	434:00	541:40	913:40	216:40	150:00	65:00	285:40	30:20
1978	577:00	1575:00	421:00	38:00	-	-	-	-
1978/79**	577:00	1575:00	421:00	38:00	-	-	-	-
1979/80**	577:00	1575:00	421:00	38:00	-	-	-	-
1980/81**	470:00	967:00	724:00	-	-	-	-	-

\* Transferred to International Service

\*\* Year Ending July 7

Source: Ministry of Information and National Guidance

Table B4 (Cont'd)

Year	ADDIS ABABA STUDIO											
	ENGLISH**				OROMGNA				TIGRENA			
	News	General Information	Recreation	Commercial	News	General Information	Recreation	Commercial	News	General Information	Recreation	Commercial
1977	121:10	97:00	158:40	39:00	91:00	125:40	121:20	26:00	39:00	21:20	121:40	8:40
1978	60:00	30:00	86:00	4:00	121:00	449:00	172:00	10:00	121:00	365:00	239:00	4:00
1978/79*	60:00	30:00	86:00	4:00	121:00	449:00	172:00	10:00	121:00	365:00	239:00	4:00
1979/80*	60:00	30:00	86:00	4:00	121:00	449:00	172:00	10:00	121:00	365:00	239:00	4:00
1980/81*	-	-	-	-	121:00	449:00	172:00	10:00	121:00	365:00	239:00	4:00

\* Year Ending July 7

\*\* Transferred to International Service

Source: Ministry of Information and National Guidance

Table B4 (Cont'd)

Year	AS MARA STUDIO								H A R A R STUDIO			
	T I G R E				T I G R E G N A				O R O M O G R A			
	News	General Information	Recreation	Commercial	News	General Information	Recreation	Commercial	News	General Information	Recreation	Commercial
1977	64:00	52:00	151:40	8:05	60:40	60:40	212:20	30:40	64:40	91:00	210:36	52:00
1978	60:00	121:00	181:00	1:00	60:00	182:00	118:00	3:00	182:00	365:00	180:00	2:00
1978/79*	60:00	121:00	181:00	1:00	60:00	182:00	118:00	3:00	182:00	365:00	180:00	2:00
1979/80*	60:00	121:00	181:00	1:00	60:00	182:00	118:00	3:00	182:00	365:00	180:00	2:00
1980/81*	60:00	121:00	181:00	1:00	60:00	182:00	118:00	3:00	182:00	365:00	180:00	2:00

\* Year Ending July 7

Source: Ministry of Information and National Guidance

RADIO BROADCASTING HOURS AND LANGUAGES USED, INTERNATIONAL SERVICES

Table B5

Year	A M H A R I C			E N G L I S H			F R E N C H		
	News	General Information	Recreation	News	General Information	Recreation	News	General Information	Recreation
1977	60:50	304:10	-	60:50	304:10	-	48:40	135:50	-
1978	60:00	243:00	60:00	60:00	152:00	152:00	60:00	170:00	133:00
1978/79*	60:00	244:00	60:00	60:00	152:00	152:00	60:00	170:00	134:00
1979/80*	60:00	244:00	60:00	60:00	152:00	152:00	60:00	170:00	134:00
1980/81*	60:00	304:00	-	60:00	304:00	-	60:00	304:00	-

\* Year Ending July 7

Source: Ministry of Information and National Guidance

Table 5 (Cont'd.)

Year	A R A B I C			S O M A L I			A F F A R		
	News	General Information	Recreation	News	General Information	Recreation	News	General Information	Recreation
1977	60:50	304:10	-	121:40	608:20	-	60:50	304:10	-
1978	60:00	164:00	139:00	60:00	152:00	152:00	60:00	152:00	152:00
1978/79*	60:00	164:00	140:00	60:00	152:00	152:00	60:00	152:00	152:00
1979/80*	60:00	164:00	140:00	60:00	152:00	152:00	60:00	152:00	152:00
1980/81*	60:00	304:00	-	60:00	304:00	-	60:00	304:00	-

\* Year Ending July 7

Source: Ministry of Information and National Guidance

## ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED

Table B6

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	News	General Information	Recreation	Commercial	Educational
1977	22,780*	129:00	418:00	130:00	18:00	80:00	129:00	109:00	52:00	18:00	78:00
1978	30,000**	182:00	139:00	70:00	12:00	164:00	152:00	26:00	117:00	3:30	110:00
1978/79***	21,500**	182:00	139:00	70:00	12:00	164:00	152:00	26:00	117:00	4:00	110:00
1979/80***	25,500**	182:00	139:00	70:00	12:00	164:00	152:00	26:00	117:00	4:00	110:00
1980/81***	35,000**	182:00	184:00	70:00	12:00	164:00	152:00	26:00	117:00	4:00	110:00

\* Estimate based on Annual Trade Statistics Publications for 1977

\*\* Estimate by Ethiopian Television Service

\*\*\* Year Ending July 7

Note:

In the 1980/81 data the number of TV Sets cover Addis Ababa, Harar, Dire Dawa, Asmara, Hareth, Assela and Shashemene but it does not show the exact figure of household with TV Sets but it nearly gives rough estimation.

Source: Ministry of Information and National Guidance

EDUCATIONAL RADIO AND TELEVISION BROADCASTING  
HOURS BY LANGUAGES USED

Table B7

YEAR*	RADIO BROADCASTING HOURS								TELEVISION BROADCASTING HOURS		
	ADDIS ABABA TRANSMITTER				WOLLAYTA SODO TRANSMITTER				Amharic	English	Total
	Amharic	English	Others	Total	Amharic	English	Others	Total			
1976/77	264:00	96:00	-	360:00	264:00	96:00	-	360:00	12:00	-	12:00
1977/78	580:00	105:00	60:00	745:00	570:00	105:00	100:00	775:00	250:00	-	250:00
1978/79	579:00	140:00	60:00	779:00	539:00	140:00	100:00	779:00	250:00	-	250:00
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

\* Year Ending July 7

Source: Ministry of Education, Mass Media Service

Table B7 (Cont'd.)

YEAR*	RADIO BROADCASTING HOURS									
	LEGEDADI TRANSMITTER					ALEMAYA TRANSMITTER				
	Amharic	English	Others	Total	Amharic	English	Others	Total		
1980/81	981	130	86	1,197	241	-	76	317		

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Table B7 (Cont'd.)

YEAR*	RADIO BROADCASTING HOURS							
	ROBE TRANSMITTER				GORE TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	375	39	39	453	154	-	8	162

\* Year Ending July 7

Source: Ministry of Education, Mass Media Service

Table B7 (Cont'd.)

YEAR*	RADIO BROADCASTING HOURS							
	GIMBI TRANSMITTER				DEBRE MARCOS TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	154	-	8	162	177	-	26	203

Table B7 (Cont'd.)

YEAR*	RADIO BROADCASTING HOURS							
	BAHIR DAR TRANSMITTER				DESSIE TRANSMITTER			
	Amharic	English	Others	Total	Amharic	English	Others	Total
1980/81	185	-	-	185	161	-	12	173

\* Year Ending July 7

Source: Ministry of Education, Mass Media Service

## PRESS STATISTICS

Press is one of the most useful means of disseminating news, general information, government regulations and proclamations including notices, etc. to the masses. In this final part of the bulletin, data on daily, weekly, bi-monthly, monthly and quarterly newspapers and magazines of special interest are presented.

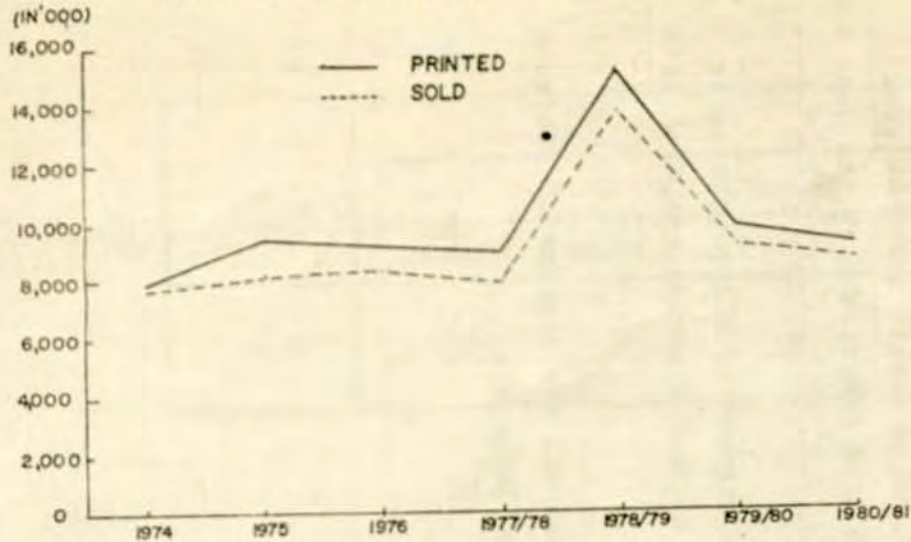
Appearance and disappearance of newspapers and magazines has been experienced. For instance, the daily newspaper Addis Soir and the monthly edition, Birhan Family Magazine disappeared whereas Yekatit and Recte Alem are added. In this portion of the publication information on 13 newspapers and magazines is provided. Addis Zemen, Hibrata, Ethiopia, Al Alem, Berrisa, Ethiopian Herald, Yezarietu Ethiopia, Yekatit, Recte Alem are published by the Ministry of Information and National Guidance, whereas Revolutionary Police, Zena Betekeristian and Ethiopian Medical Journal are published by the Police Force, Ethiopian Orthodox Church and Medical Association of Ethiopia, respectively.

Berrisa, Hibrata, Al Alem and Ethiopian Herald are Oromigna, Tigrigna, Arabic and English papers, in that order, whilst the rest are Amharic papers and magazines.

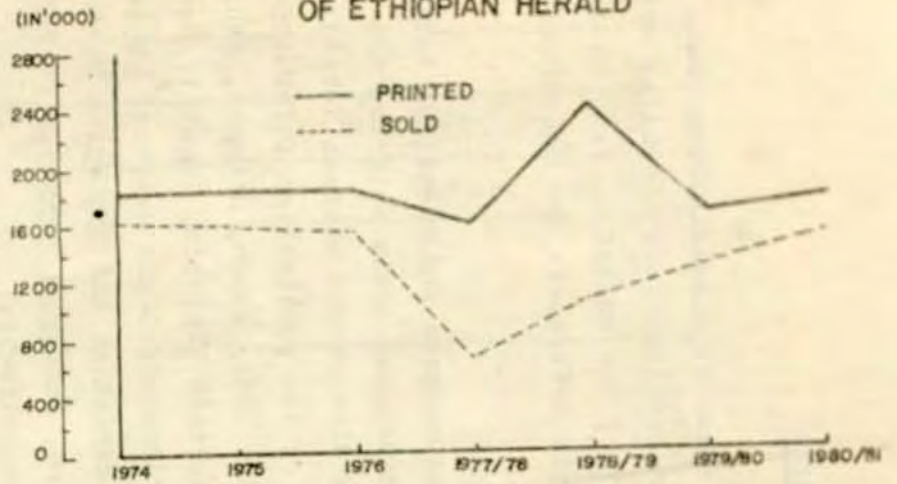
Circulation of Addis Zemen is the highest of all papers as is shown in Table N2 and it is printed in a greater amount compared with that of the others.

Circulation of newspapers in almost all the regions of Ethiopia appears to be increasing, as revealed in Table N7.

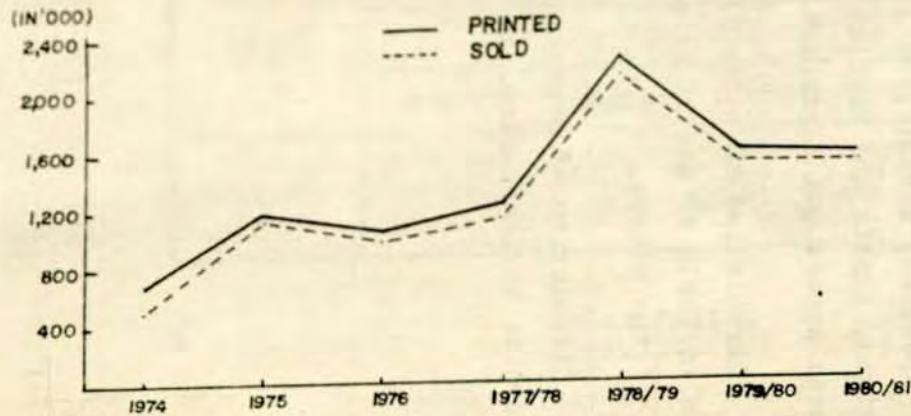
TOTAL PRINT AND NET PAID CIRCULATION OF ADDIS ZEMEN



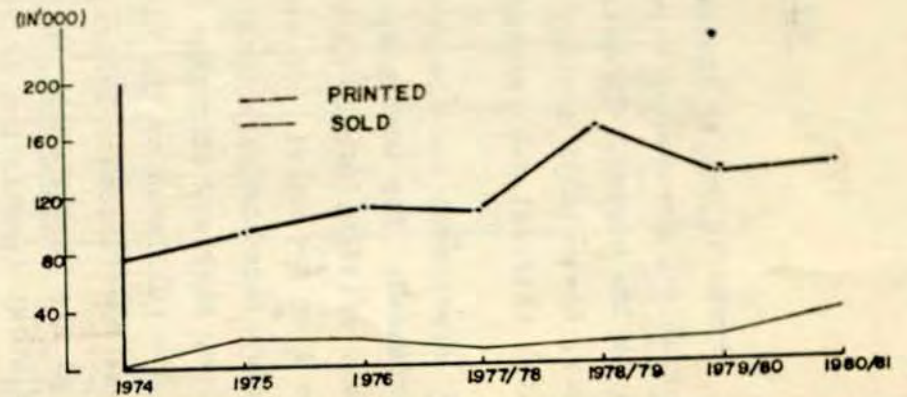
TOTAL PRINT AND NET PAID CIRCULATION OF ETHIOPIAN HERALD



TOTAL PRINT AND NET PAID CIRCULATION OF YEZAREITU ETHIOPIAN



TOTAL PRINT AND NET PAID CIRCULATION OF AL ALEM



NUMBER OF MINISTRY OF INFORMATION AND NATIONAL GUIDANCE  
(PRESS SERVICE) EMPLOYEES BY SALARY GROUP\*

Table N1

SALARY GROUP	NUMBER OF EMPLOYEES			
	1977/78	1978/79	1979/80	1980/81
50 - 149	47	53	55	42
150 - 249	52	52	65	47
250 - 349	51	50	61	48
350 - 449	20	15	19	24
450 - 549	31	23	19	18
550 - 649	20	21	25	19
650 - 749	13	10	13	13
750 - 849	11	8	11	5
850 - 949	2	1	-	-
950 - 1049	5	3	6	8
1050 - 1149	1	2	-	1
1150 - 1249	-	-	-	-
1250 - 1349	-	-	-	-
1350 - 1449	1	-	-	-
1450 - 1549	-	-	-	-
1550 +	-	-	-	-
<b>T O T A L</b>	<b>254</b>	<b>238</b>	<b>274</b>	<b>225</b>

\* Year Ending July 7

Source: Ministry of Information and National  
Guidance

NUMBER OF COPIES OF DAILY NEWSPAPERS PRINTED, SOLD, DONATED AND RETAINED

Table N2

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
1974	296,000	83,081	41,996	170,923	7,954,180	7,714,941	122,818	116,421	1,833,255	1,628,649	107,114	97,492
1975	223,827	83,581	63,972	76,274	9,535,117	8,145,481	661,088	728,548	1,835,125	1,595,847	109,271	130,007
1976	101,827	...	...	...	9,320,800	8,369,847	819,310	131,643	1,842,700	1,541,683	186,453	114,564
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	545,618	2,723	1,771,500	1,497,693	262,698	11,109

NUMBER OF COPIES OF WEEKLY NEWSPAPERS PRINTED, SOLD  
DONATED AND RETAINED

Table N3

Year*	B E R R I S S A			
	Printed	Sold	Donated	Retained
1976/77	104,000	...	...	...
1977/78	124,000	44,087	7,905	72,008
1978/79	173,000	80,407	10,087	82,506
1979/80	104,000	64,057	6,723	33,220
1980/81	104,000	66,141	7,958	29,901

\* Year Ending July 7

Source: Ministry of Information and National  
Guidance

Table N3 (Cont'd)

Year	A L A L E M				Y E Z A R I E T U E T H I O P I A				Z E N A B E T E K R I S T I A N			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1974	76,112	1,308	51,802	23,002	679,000	492,534	160,890	25,576	12,000	12,000	-	-
1975	91,000	20,263	46,505	24,232	1,163,000	1,131,817	18,383	12,800	12,000	9,000	-	3,000
1976	110,500	19,521	65,428	25,551	1,065,000	990,506	55,654	18,840	12,000	12,000	-	-
1977/78*	106,000	11,231	67,976	26,793	1,244,000	1,140,834	30,605	72,561	23,000	20,700	1,840	460
1978/79*	164,500	14,688	106,148	43,664	2,278,000	2,143,389	57,662	76,949	28,100	25,290	2,530	280
1979/80*	129,000	17,130	81,668	30,202	1,599,000	1,522,889	54,491	21,620	15,600	15,410	190	-
1980/81*	132,000	33,383	76,081	22,536	1,570,000	1,515,290	54,603	107	30,000	23,900	100	6,000

\* Year Ending July 7

Source: Ministry of Information and National Guidance, and  
Ethiopian Orthodox Church

NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS AND MONTHLY MAGAZINES  
PRINTED, SOLD, DONATED AND RETAINED

Table N4

YEAR	REVOLUTIONARY POLICE				BIRHAN FAMILY MAGAZINE			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1974	...	...	...	...	11,150	11,100	...	50
1975	1,437,600	1,437,600	-	-	97,000	92,003	...	4,997
1976	1,419,000	1,419,000	-	-	85,740	76,036	...	6,704
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	-	-	-	-	-

\* Year Ending July 7

Source: Police Headquarters and Evangelical  
Church, Mekane Yesus

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

Table N5

YEAR*	ETHIOPIA				HIBRATE			
	Printed	Sold	Donated	Retained	Printed	Sold	Donated	Retained
1977/78	65,200	7,808	54,910	2,482	206,200	174,361	6,535	25,304
1978/79	70,157	56,708	9,946	3,503	225,465	183,554	30,829	11,082
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

\* Year Ending July 7

Note: Ethiopia is a weekly Amharic language Newspaper, while Hibrata is daily Tigrigna language Newspaper.

Source: Ministry of National Guidance and Information, Eritrea Region

NUMBER OF COPIES OF MONTHLY MAGAZINE PRINTED, SOLD, DONATED AND RETAINED

Table N6

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
1978/79	-	-	-	-	-	-	-	-
1979/80	-	-	-	-	-	-	-	-
1980/81	122,961	118,904	2,370	1,687	79,850	50,109	1,264	28,477

\* Year Ending July 7

\*\* Monthly in Amharic, Quarterly in English

\*\*\* Monthly

Source: Ministry of Information and National Guidance

NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL  
JOURNAL PRINTED, SOLD, DONATED AND RETAINED

Table N7

Year*	Printed	Sold	Donated	Retained
1975/76	500	-	120	-
1976/77	500	-	120	-
1977/78	500	-	120	-
1978/79	500	140	120	240
1979/80	500	220	120	160
1980/81	450	250	130	70

\* Year Ending July 7

Source: Ethiopian Medical Association

## CIRCULATION OF NEWSPAPERS BY ADMINISTRATIVE REGION (NEWSPAPERS PRINTED IN ADDIS ABABA ONLY ARE CONSIDERED HERE)\*

Table NB

Administrative Region	1 9 7 6			1977/78			1978/79		
	Amharic	Others	Total	Amharic	Others	Total	Amharic	Others	Total
Arsi	54,900	8,100	63,000	118,200	5,431	123,631	141,900	7,276	149,176
Bale	31,950	3,500	35,450	36,297	2,680	38,977	115,835	5,060	120,895
Eritrea	687,350	166,800	854,150	577,275	99,565	676,840	659,625	79,103	738,728
Gamo Gofa	36,700	6,600	43,300	86,000	8,035	94,035	92,605	6,385	98,990
Gojjam	150,100	15,950	166,050	143,345	7,349	150,694	304,845	11,820	316,665
Gondar	170,900	9,870	180,770	54,580	6,006	60,586	109,060	8,704	117,764
Hararghe	862,800	30,200	893,000	444,625	35,991	480,616	916,925	55,591	972,516
Illubabor	167,570	5,900	173,470	137,029	12,604	149,633	210,023	19,267	229,290
Keffa	890,350	17,660	908,010	326,588	13,748	340,336	394,725	13,065	407,790
Shewa	5,171,120	2,057,430	7,228,550	1,562,315	66,706	1,629,021	2,073,016	72,527	2,145,543
Sidamo	156,500	4,050	160,550	407,345	15,876	423,221	610,590	16,725	627,315
Tigray	272,700	15,420	288,120	166,015	9,325	175,340	235,550	11,020	246,570
Wollega	72,050	5,250	77,300	132,938	13,087	146,025	193,920	14,965	208,885
Wollo	202,300	10,680	212,980	221,650	10,250	231,900	323,475	5,765	329,240
T O T A L	8,927,290	2,357,410	11,284,700	4,414,202	306,653	4,720,855	6,382,094	327,273	6,709,367

\* Year Ending July 7

Source: Ministry of Information and National Guidance

CIRCULATION OF NEWSPAPERS BY ADMINISTRATIVE REGION (NEWSPAPERS PRINTED IN ADDIS ABABA ONLY ARE CONSIDERED HERE)\*

Table N8

Administrative Region	1 9 7 6			1977/78			1978/79		
	Amharic	Others	Total	Amharic	Others	Total	Amharic	Others	Total
Arssi	54,900	8,100	63,000	118,200	5,431	123,631	141,900	7,276	149,176
Bale	31,950	3,500	35,450	36,297	2,680	38,977	115,835	5,060	120,895
Eritrea	687,350	166,800	854,150	577,275	99,565	676,840	659,625	79,103	738,728
Gamo Gofa	36,700	6,600	43,300	86,000	8,035	94,035	92,605	6,385	98,990
Gojjam	150,100	15,950	166,050	143,345	7,349	150,694	304,845	11,820	316,665
Gondar	170,900	9,870	180,770	54,580	6,006	60,586	109,060	8,704	117,764
Hararghe	862,800	30,200	893,000	444,625	35,991	480,616	916,925	55,591	972,516
Illubabor	167,570	5,900	173,470	137,029	12,604	149,633	210,023	19,267	229,290
Keffa	890,350	17,660	908,010	326,588	13,748	340,336	394,725	13,065	407,790
Shewa	5,171,120	2,057,430	7,228,550	1,562,315	66,706	1,629,021	2,073,016	72,527	2,145,543
Sidamo	156,500	4,050	160,550	407,345	15,876	423,221	610,590	16,725	627,315
Tigray	272,700	15,420	288,120	166,015	9,325	175,340	235,550	11,020	246,570
Wollega	72,050	5,250	77,300	132,938	13,087	146,025	193,920	14,965	208,885
Wollo	202,300	10,680	212,980	221,650	10,250	231,900	323,475	5,765	329,240
T O T A L	8,927,290	2,357,410	11,284,700	4,414,202	306,653	4,720,855	6,382,094	327,273	6,709,367

\* Year Ending July 7

Source: Ministry of Information and National Guidance

Table N8 (Cont'd)\*

Administrative Region	1979/80			1980/81		
	Amharic	Others	Total	Amharic	Others	Total
Arssi	215,000	10,261	225,261	230,273	21,494	251,767
Bale	119,600	4,445	124,045	131,219	3,540	134,759
Eritrea	744,700	97,370	842,070	745,090	106,535	851,625
Gamo Gofa	91,250	6,505	97,755	77,105	6,380	83,485
Gojjam	388,700	17,160	405,860	340,603	22,671	363,274
Gondar	126,575	12,692	139,267	127,327	14,153	141,480
Hararghe	1,023,620	71,975	1,095,595	958,556	93,354	1,051,910
Illubabor	274,430	23,584	298,014	250,755	20,500	271,255
Keffa	373,420	33,457	406,877	366,307	38,466	404,773
Shewa	1,880,165	95,175	1,975,340	1,899,774	110,608	2,010,382
Sidamo	766,800	30,371	797,171	672,275	37,690	709,965
Tigray	166,740	14,040	180,780	152,445	12,590	165,035
Wollega	195,600	18,840	214,440	214,707	21,062	235,769
Wollo	422,400	9,360	431,760	420,090	19,595	439,685
T O T A L	6,789,000	445,235	7,234,235	6,586,526	528,638	7,115,164

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\* Year Ending July 7

Source: Ministry of Information and National Guidance