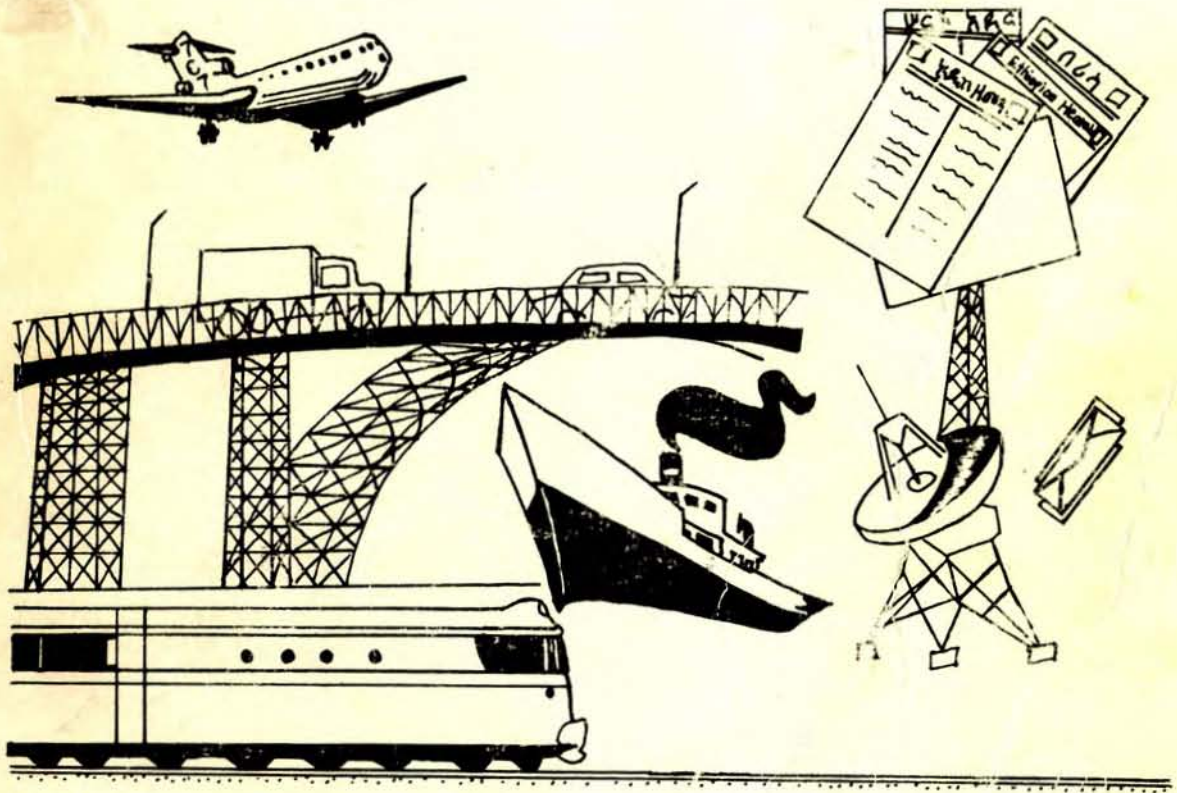


THE PEOPLE'S DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA MARCH, 1988

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STATISTICAL BULLETIN

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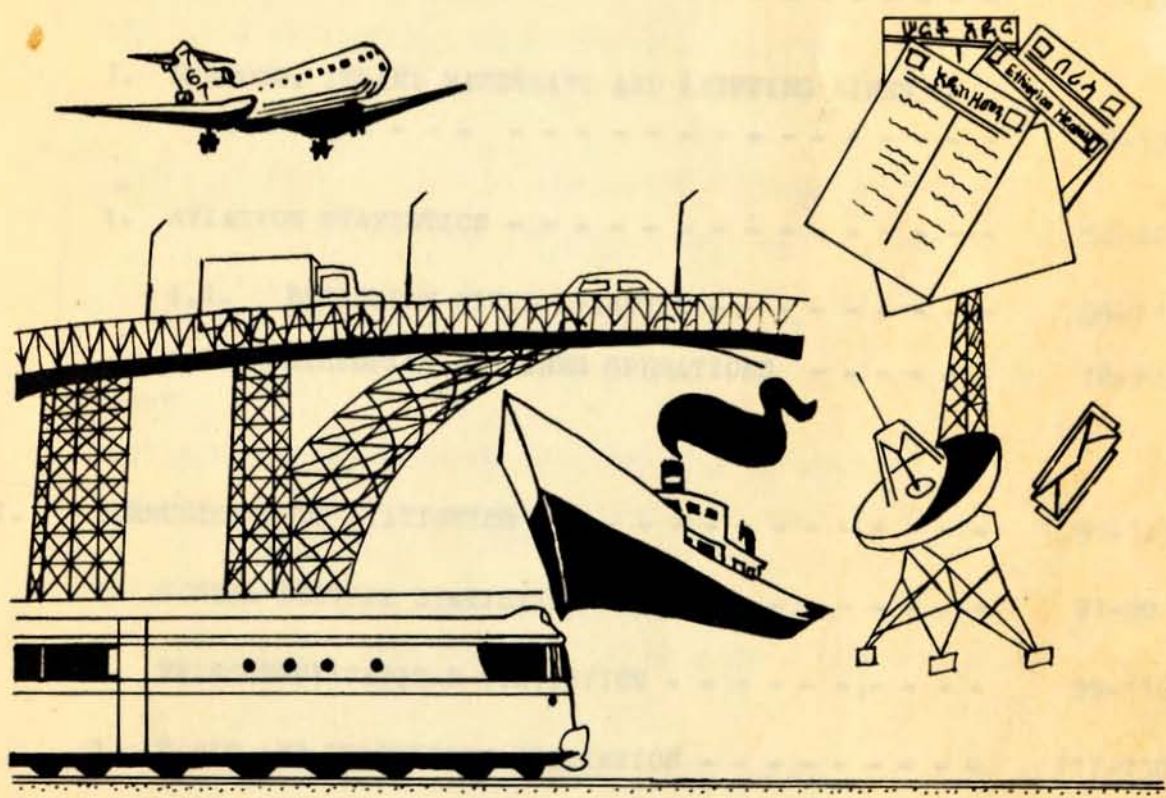
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TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA MARCH, 1988

C O N T E N T S

	<u>PAGE</u>
INTRODUCTION - - - - -	1-2
I. TRANSPORT STATISTICS - - - - -	3-90
1. ROAD STATISTICS - - - - -	3-33
2. RAILWAY STATISTICS - - - - -	34-41
3. HARBOUR, INLAND WATERWAYS AND SHIPPING LINES STATISTICS - - - - -	42-53
4. AVIATION STATISTICS - - - - -	54-90
4.1. ETHIOPIAN CIVIL AVIATION - - - - -	59-71
4.2. ETHIOPIAN AIRLINES OPERATIONS - - - - -	72-90
II. COMMUNICATIONS STATISTICS - - - - -	91-143
1. POSTAL SERVICE STATISTICS - - - - -	91-98
2. TELECOMMUNICATIONS STATISTICS - - - - -	99-116
3. RADIO AND TELEVISION STATISTICS - - - - -	117-130
4. PRESS STATISTICS - - - - -	131-143

LIST OF TABLES

<u>TABLES</u>	<u>PAGE</u>
R1 - IMPORT OF ROAD MOTOR VEHICLES BY TYPE - - - - -	10
R2 - NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED IN ETHIOPIA BY TYPE OF SERVICE - - - - -	11
R3 - NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED BY ADMINISTRATIVE REGION - - - - -	12
R4 - LENGTH OF ALL WEATHER ROADS (IN KMS) BY TYPE AND ADMINISTRATIVE REGION - - - - -	13
R5 - NUMBER OF DRIVING LICENSES ISSUED BY NATIONALITY AND SEX - - - - -	14
R6 - NUMBER OF PUBLIC TRANSPORT BUSES BY SIZE AND OWNERSHIP IN ETHIOPIA 1981/82 - 1985/86 - - - - -	15
R7 - NUMBER OF PASSENGERS BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES IN ETHIOPIA 1981/82 - 1985/86 - - - - -	16
R8 - DISTANCE COVERED BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES IN ETHIOPIA 1981/82 - 1985/86 - - - - -	17
R9 - NUMBER OF TRUCKS BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA 1982/83 - 1985/86 - - - - -	18-21
R10 - FREIGHT TRANSPORTED BY OWNERSHIP AND ZONE IN ETHIOPIA 1982/83 - 1985/86 - - - - -	22-23
R11 - DISTANCE COVERED BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA 1982/83 - 1985/86 - - - - -	24-27
R12 - FREIGHT-KMS PERFORMED BY OWNERSHIP AND ZONE IN ETHIOPIA 1982/83 - 1985/86 - - - - -	28-29
R13 - QUANTITY OF FUEL TRANSPORTED BY OWNERSHIP AND M ³ /KM PERFORMED IN ETHIOPIA 1982/83 - 1985/86 - - - - -	30

LIST OF TABLES

LIST OF TABLES (CONT'D)

<u>TABLES</u>	<u>PAGE</u>
R14 - MOTOR VEHICLES ACCIDENT IN ETHIOPIA - - - - -	31
R15 - MOTOR VEHICLES ACCIDENT IN ADDIS ABABA - - - - -	32
R16 - NUMBER OF ROAD MOTOR VEHICLES' TRAFFIC ACCIDENT IN ETHIOPIA AND IN ADDIS ABABA BY TYPE OF VEHICLES - - -	33
W1 - NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY SALARY GROUP AND SEX - - - - -	36
W2 - NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY BY NATIONALITY AND SEX - - - - -	37
W3 - NUMBER OF ROLLING STOCKS OF THE ETHIO-DJIBOUTI RAILWAY	37
W4 - PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY - - - - -	38
W5 - IMPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY - - - - -	38
W6 - EXPORTS CARRIED ON THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY - - - - -	39
W7 - INTERNAL TRANSPORT OF GOODS BY THE ETHIO-DJIBOUTI RAILWAY BY TYPE OF COMMODITY - - - - -	40
W8 - FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY - - -	41
H1 - OPERATIONS AT PORT OF ASSAB - - - - -	45
H2 - OPERATIONS AT PORT OF MASSAWA - - - - -	45
H3 - EXPORT - IMPORT VIA ASSAB - - - - -	46-47

LIST OF TABLES (CONT'D)

<u>TABLES</u>	<u>PAGE</u>
H4 - EXPORT-IMPORT VIA MASSAWA - - - - -	48-49
H5 - ACTIVITIES OF INLAND WATERWAYS - - - - -	50
H6 - NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION BY SALARY GROUP AND SEX - - - - -	51
H7 - VESSELS IN USE BY NUMBER AND NET AND GROSS REGISTERED TONNAGE - - - - -	52
H8 - FREIGHT CARRIED BY ETHIOPIAN SHIPPING LINES - - - - -	52
H9 - FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES CORPORATION - - - - -	53
A1 - NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY PLACE OF ASSIGNMENT AND SEX - - - - -	59
A2 - NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY SALARY GROUP AND SEX - - - - -	60
A3 - NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY OCCUPATION AND SEX - - - - -	61
A4 - CAPITAL EXPENDITURE BY TYPE AND LOCATION - - - - -	62
A5 - SCHEDULED INTERNATIONAL AIR SERVICES OPERATED TO BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT BY TYPE OF AIRLINES AND AIRCRAFT - - - - -	63
A6 - LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE - - - -	64
A7 - INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS - - - - -	65

LIST OF TABLES (CONT'D)

<u>TABLES</u>	<u>PAGE</u>
A8 - BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED - - - - -	66
A9 - BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED - - - - -	67
A10 - BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC BY CARRIER SCHEDULED - - - - -	68
A11 - YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED - - - - -	69
A12 - YOHANNES IV (ASMARA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED - - - - -	69
A13 - ASSAB DOMESTIC AIRPORT DOMESTIC TRAFFIC SCHEDULED - - - - -	70
A14 - DIRE DAWA INTERNATIONAL AIRPORT DOMESTIC TRAFFIC SCHEDULED - - - - -	71
A15 - DIRE DAWA INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED - - - - -	71
A16 - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND PLACE OF ASSIGNMENT - - - - -	72
A17 - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND CONTINENT - - - - -	73
A18 - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SALARY GROUP, SEX AND NATIONALITY - - - - -	74
A19 - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND ADMINISTRATIVE REGION - - - - -	75

LIST OF TABLES (CONT'D)

<u>TABLES</u>	<u>PAGE</u>
A20 - NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND OCCUPATION - - - - -	76
A21 - NUMBER AND TYPE OF AIRCRAFT OF ETHIOPIAN AIRLINES USED FOR INTERNATIONAL AND DOMESTIC SERVICES - - - -	77
A22 - DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS - - - - -	78-80
A23 - DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS - - - - -	81-83
A24 - DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS - - - - -	84-86
A25 - REVENUE OF ETHIOPIAN AIRLINES BY SOURCE - - - - -	87
A26 - EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE - - - - -	88
A27 - ETHIOPIAN AIRLINES OPERATING STATISTICS - - - - -	89
A28 - AIR DISTANCE IN KILOMETERS BETWEEN MAJOR AIRPORTS IN ETHIOPIA - - - - -	90
P1 - NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION - - - -	93
P2 - NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY BY ADMINISTRATIVE REGION AND SEX - - - - -	94
P3 - NUMBER OF EMPLOYEES OF POSTAL SERVICE AUTHORITY BY SALARY GROUP AND SEX - - - - -	95
P4 - NUMBER OF MAIL AND POST BOXES BY ADMINISTRATIVE REGION - - - - -	96
P5 - NUMBER OF MAILED HANDLED BY TYPE OF MAIL TRAFFIC - - - -	97

LIST OF TABLES (CONT'D)

<u>TABLES</u>	<u>PAGE</u>
P6 - REVENUE OF POSTAL SERVICE AUTHORITY BY SOURCE - - - - -	98
P7 - EXPENDITURE OF POSTAL SERVICE AUTHORITY PURPOSE - - - - -	98
T1 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY ADMINISTRATIVE REGION AND SEX - - - - -	102
T2 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY SALARY GROUP AND SEX - - - - -	103
T3 - NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY OCCUPATION AND SEX - - - - -	104
T4 - NUMBER OF TELEPHONES IN USE BY ADMINISTRATIVE REGION, CAPITAL CITIES AND OTHER TOWNS - - - - -	105-107
T5 - PUBLIC TELEPHONES (COIN BOX TELEPHONES) BY SELECTED URBAN AREAS - - - - -	108
T6 - NUMBER OF TELEPHONES AND TELEPHONES PER '000 POPULATION BY ADMINISTRATIVE REGION - - - - -	109
T7 - NUMBER OF INTER-URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE CAPITAL CITIES - - - - -	110-114
T8 - REVENUE OF ELECOMMUNICATIONS AUTHORITY BY SOURCE - - - - -	115
T9 - EXPENDITURE OF TELECOMMUNICATION AUTHORITY BY PURPOSE - - - - -	116
B1 - NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY OF INFORMATION BY SALARY GROUP AND SEX - - - - -	119
B2 - NUMBER OF EMPLOYEES OF BROADCASTING SERVICE MINISTRY OF INFORMATION BY OCCUPATION AND SEX - - - - -	120
B3 - NUMBER OF RADIO STATIONS, TRANSMITTERS AND HOUSEHOLDS WITH RADIO SETS - - - - -	121

LIST OF TABLES (CONT'D)

TABLES		PAGE
B4	RADIO BROADCASTING HOURS AND LANGUAGES USED BY LOCATION OF STUDIO, NATIONAL SERVICE - - - - -	122-124
B5	RADIO BROADCASTING HOURS AND LANGUAGES USED, INTERNATIONAL SERVICE - - - - -	125-126
B6	ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED - - - - -	127
B7	EDUCATIONAL RADIO BROADCASTING HOURS BY LANGUAGES USED AND LOCATION OF STUDIO - - - - -	128-130
N1	NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION BY SALARY GROUP AND SEX - - - - -	133
N2	NUMBER OF COPIES OF DAILY NEWSPAPERS PRINTED, SOLD, DONATED AND RETAINED - - - - -	134
N3	NUMBER OF COPIES OF WEEKLY NEWSPAPERS PRINTED, SOLD, DONATED AND RETAINED - - - - -	135-136
N4	NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS AND MONTHLY MAGAZINES PRINTED, SOLD, DONATED AND RETAINED - - - - -	137
N5	NUMBER OF COPIES PRINTED, SOLD, DONATED AND RETAINED OF NEWSPAPERS, PRINTED IN ASMARA - - - - -	138
N6	NUMBER OF COPIES OF MONTHLY MAGAZINES PRINTED, SOLD, DONATED AND RETAINED - - - - -	139 - 140
N7	NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND MESKEREM (MAGAZINE) PRINTED, SOLD, DONATED AND RETAINED - - - - -	141
N8	CIRCULATION OF NEWSPAPERS BY ADMINISTRATIVE REGION - - - - -	142-143

<u>CHARTS AND GRAPHS</u>	<u>PAGE</u>
1. IMPORT OF ROAD MOTOR VEHICLES BY TYPE - - - - -	5
2. DRIVING LICENCES ISSUED BY SEX - - - - -	6
3. NUMBER OF PUBLIC TRANSPORT BUSES IN ETHIOPIA - - - - -	7
4. NUMBER OF PASSENGERS TRANSPORTED BY BUSES - - - - -	7
5. NUMBER OF TRUCKS IN ETHIOPIA - - - - -	8
6. FREIGHT TRANSPORTED BY TRUCKS - - - - -	8
7. MOTOR VEHICLES ACCIDENTS IN THEIOPIA - - - - -	9
8. MOTOR VEHICLES ACCIDENTS IN ADDIS ABABA - - - - -	9
9. INTERNAL TRANSPORT OF GOODS, IMPORTS AND EXPORTS CARRIED BY THE ETHIO-DJIBOUTI RAILWAY - - - - -	35
10. IMPORT-EXPORT VIA ASSAB - - - - -	44
11. IMPORT-EXPORT VIA MASSAWA - - - - -	44
12. TRAFFIC AT BOLE INTERNATIONAL AIRPORT, INTERNATIONAL AIRCRAFT MOVEMENT - - - - -	56
13. DOMESTIC TRAFFIC SCHEDULED AT BOLE (ADDIS ABABA) AND YOHANNES IV INTERNATIONAL AIRPORT - - - - -	57
14. INTERNATIONAL TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT - - - - -	58
15. NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA - - - - -	92
16. NUMBER OF TELEPHONES IN USE IN ETHIOPIA - - - - -	101
17. NUMBER OF TELEPHONES IN USE IN ADDIS ABABA - - - - -	101
18. TOTAL PRINT AND NET PAID CIRCULATION OF ADDIS ZEMEN, ETHIOPIAN-HERALD, YEZAREITU ETHIOPIA AND AL ALEM - - - - -	132

Introduction

Transport and Communications play substantial part towards the promotion of socio-economic development objectives and the extent of the net-work is virtually an indicator the level of the latter. In recognition of its vital role in the national economy the Central Statistical Authority (C.S.A) found it imperative to collect, compile and publish data and thus provide planners, researchers and policy makers with essential inputs.

Data presented in the bulletin have wider coverage and scope than those provided in the Annual Statistical Abstract of Ethiopia, a publication of the Authority. However, it is not claimed that this bulletin is exhaustive enough to satisfy the demands of all users. Though effort is exerted every year to improve the quality and wider the details of the data, contents are determined by the availability of information at the sources which varies from activity to activity.

In here, the tenth publication of its kind, some data on the activities of Public and Road Transport Corporations and Freight Transport Co-ordination Centre are included for the first time.

The publication has two parts. In part one, data on all modes of transport i.e., land, water, air and rail are depicted. The second part treats data on telecommunications, posts, broadcasting and press services. Attempts have been made to arrange the tables and graphs in a very convenient manner to suit the needs of the users.

The co-operation of government and non-government institutions is an important asset to the publication of the bulletin. The C.S.A. would like therefore to express its appreciation to its sources of data and welcomes corrections, comments and suggestions towards the improvement of this bulletin.

Note:-

1. The data in this bulletin relate to Gregorian Calendar and Ethiopian Budget Year in accordance with the reference period of the sources. The budget year starts on July 8th of a year.

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

3. The following symbols have been used:-

" - " Nil or negligible

"..." Data not available.

TRANSPORT STATISTICS

Road Statistics

Road Transport as a factor of development, is the most important of the four modes of transport. In this section number of imported and inspected motor vehicles (old and new) length of all weather roads, bus services, road haulage, traffic accidents and number of issuance of driving licences are treated.

The overall picture of imported motor vehicles shows that the highest number of import was in 1985 among the years under discussion. Import of lorries and trucks of various capacity and use has increased from 948 in 1982 to 2,129 in 1986, an increase of 125 percent. On the other hand, import of passenger cars has fallen by 67 percent from 1156 in 1982 to only 386 in 1986.

Tables R2 and R3 deals with the number of old and new motor vehicles inspected in Ethiopia. As these two tables depict, total number of inspected motor vehicles has increased from 57,394 in 1981/82 to 64,416 in 1985/86, an increase of about 12 percent.

Data on all weather roads by type and administrative region is given in Table R5. Considering the total length of all roads, (i.e including rural roads) it could be observed that 3,952 kms of road were constructed in 4 years. However, significant construction was done in 1982/83, particularly in rural roads, and thereafter gradual increment in construction was made. Despite the rise in construction of all type of roads in the country, the network density remains very small i.e., about 1.3. That is for every 100 km², there is only 1.3 kms of road network.

Road Haulage

The number of public transport buses of three different sizes has increased from 2881 in 1981/82 to 3332 in 1985/86, a gain of 15 percent. Nonetheless, with the exception of the medium sized, which showed strict upward swing, there are ups and downs between the years indicated. Likewise the number of passengers and distance covered have expanded from 39,273 thousand in 1981/82 to 47,656 thousand in 1985/86 and from 90,901 thousand kms in 1981/82 to 112,666 thousand kms in 1985/86, giving increases of 21 percent and 24 percent in that order. Note that the number of passengers and distance covered by medium size buses is about 50 percent of the total in all the years considered. (see Tables R7 to R9).

Road haulage activities are shown in Tables R10 to R14. In 1982/83, the number of trucks of three different sizes in Ethiopia was 6733 and increased to 6839 in 1985/86. In 1982/83, to transport about 4.4 million tons of freight about 151 million kms were covered whereas in 1985/86 for the haulage of about 5.3 million tons, the corresponding distance was about 238 million kms. Freight transport (in tons) between 1982/83 and 1985/86 rose by 19 percent. Yet distance covered (in kms) between 1982/83 and 1985/86 went up by about 58 percent.

The last three tables, i.e., Tables R15-R17, indicate motor vehicle accidents in Ethiopia and Addis Ababa. From these tables one can observe that traffic accidents are on the up-word trend. Amongst all vehicles involved in accidents government cars have the highest share.

FIG 1

IMPORT OF ROAD MOTOR VEHICLES BY TYPE

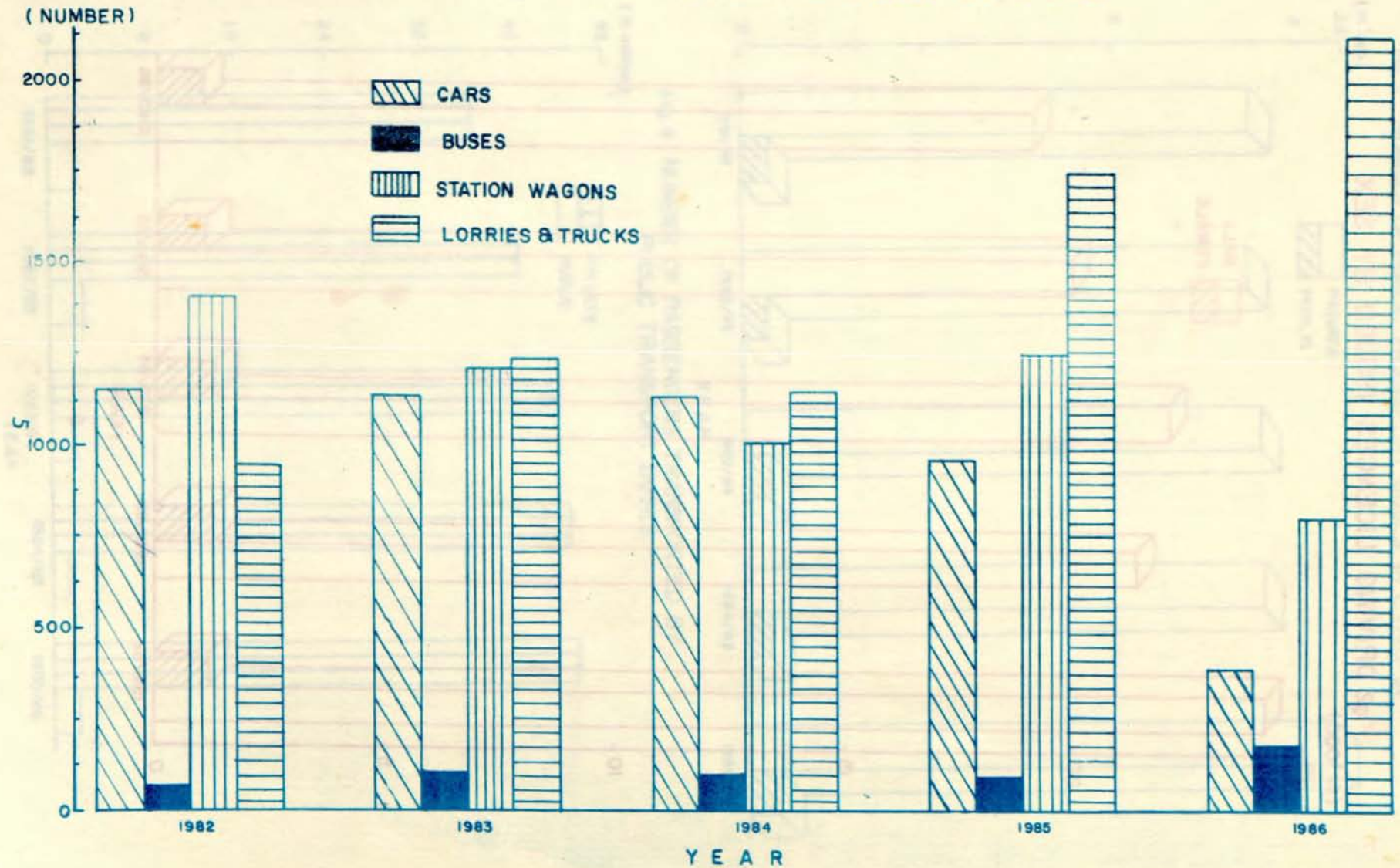


Fig2 DRIVING LICENCES ISSUED BY SEX

(IN '000)

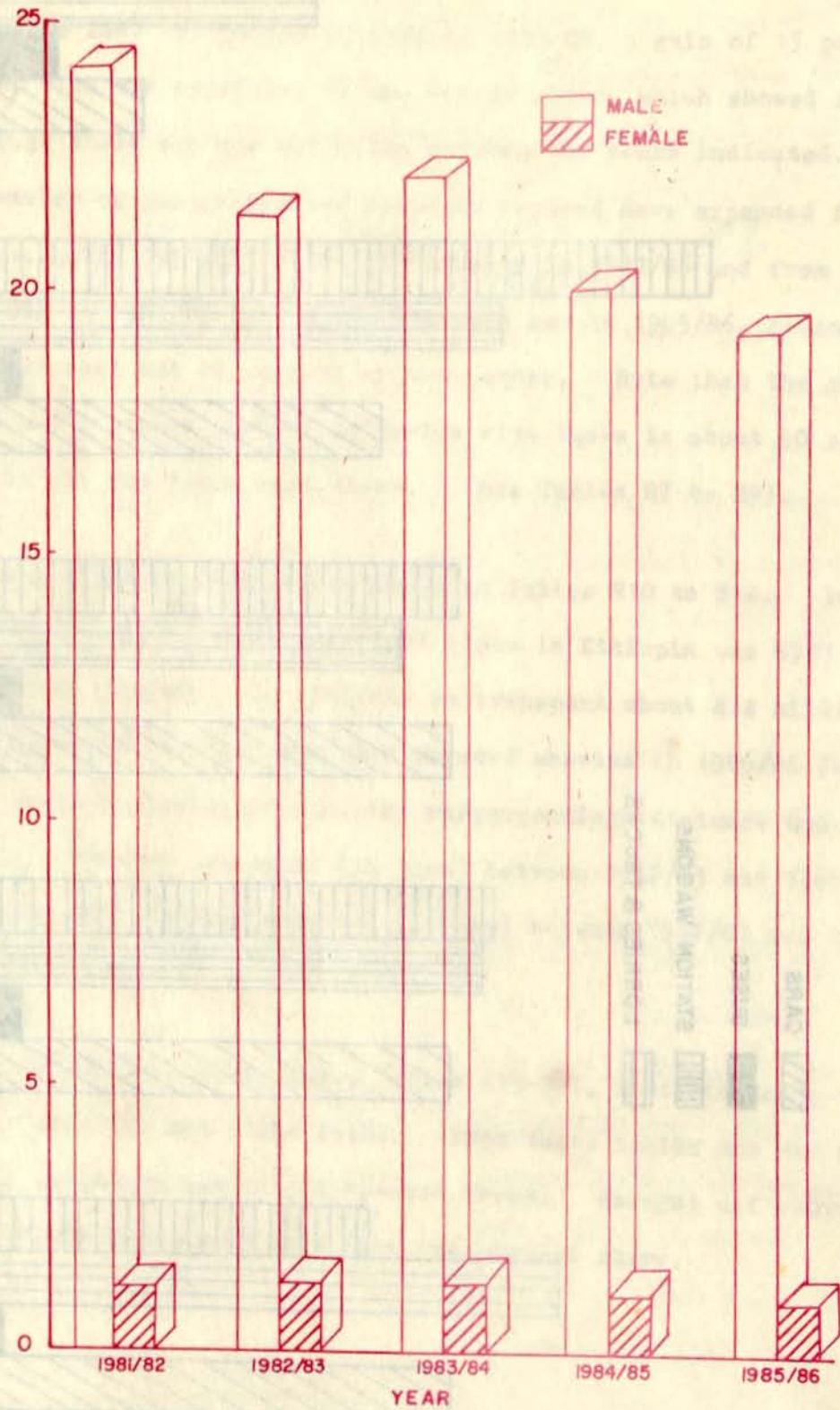


Fig. 3 NUMBER OF PUBLIC TRANSPORT BUSES IN ETHIOPIA

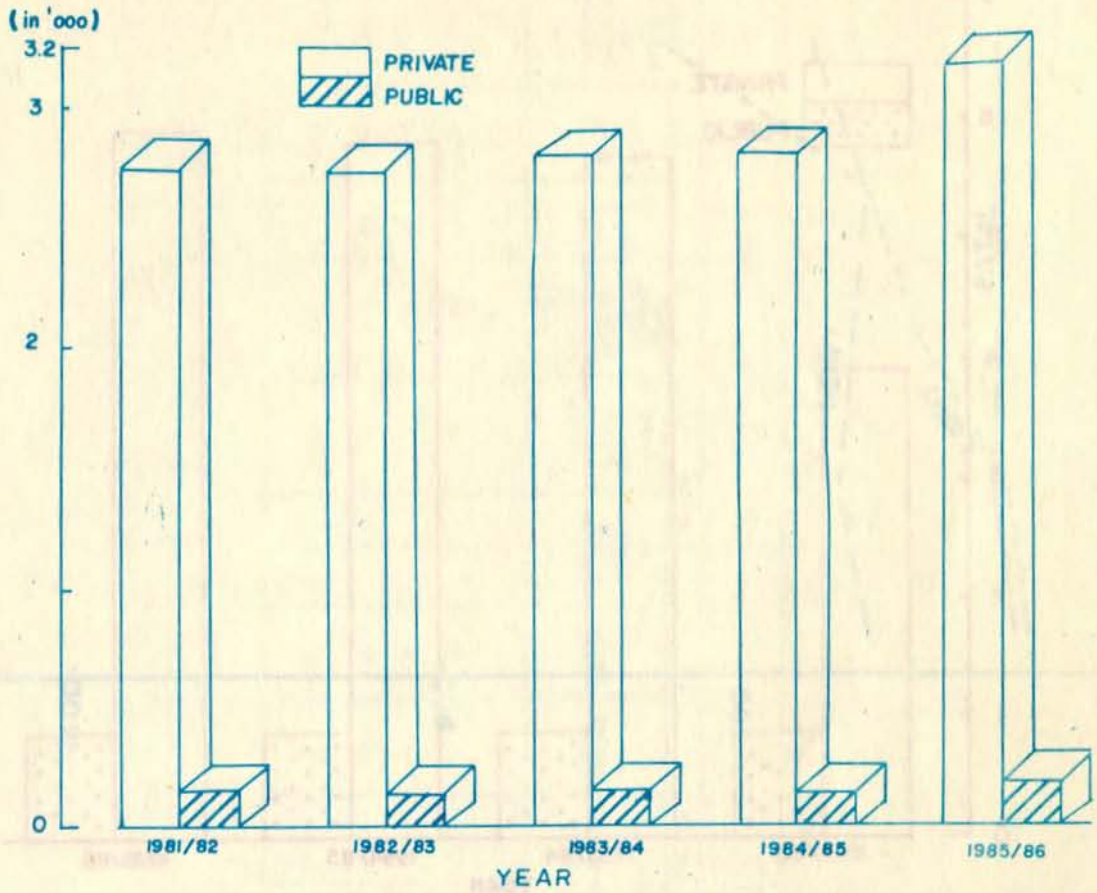


Fig. 4 NUMBER OF PASSENGERS TRANSPORTED BY PUBLIC TRANSPORT BUSES

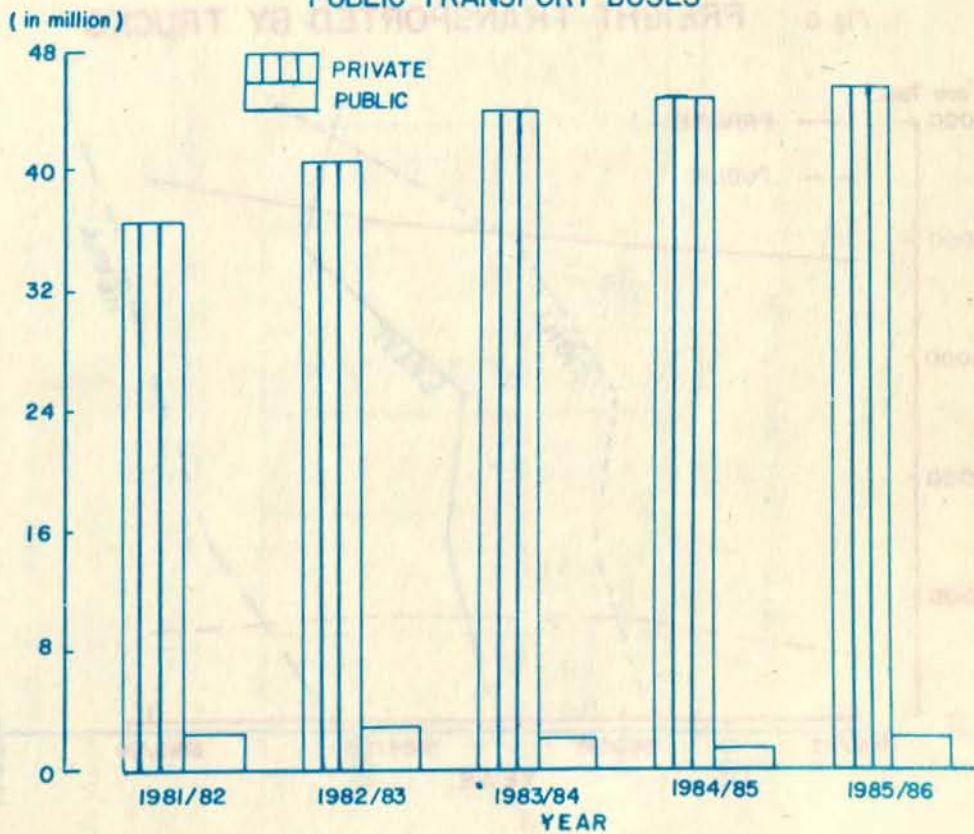


Fig. 5 NUMBER OF TRUCKS IN ETHIOPIA

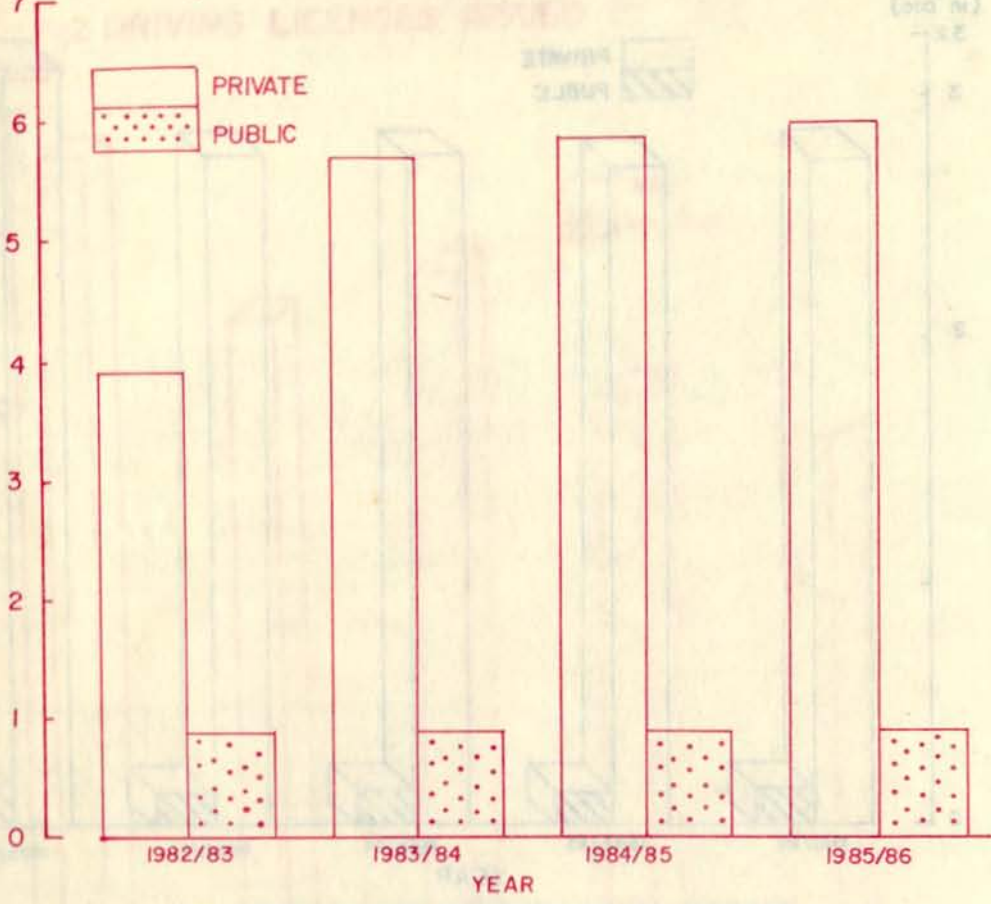


Fig. 6 FREIGHT TRANSPORTED BY TRUCKS

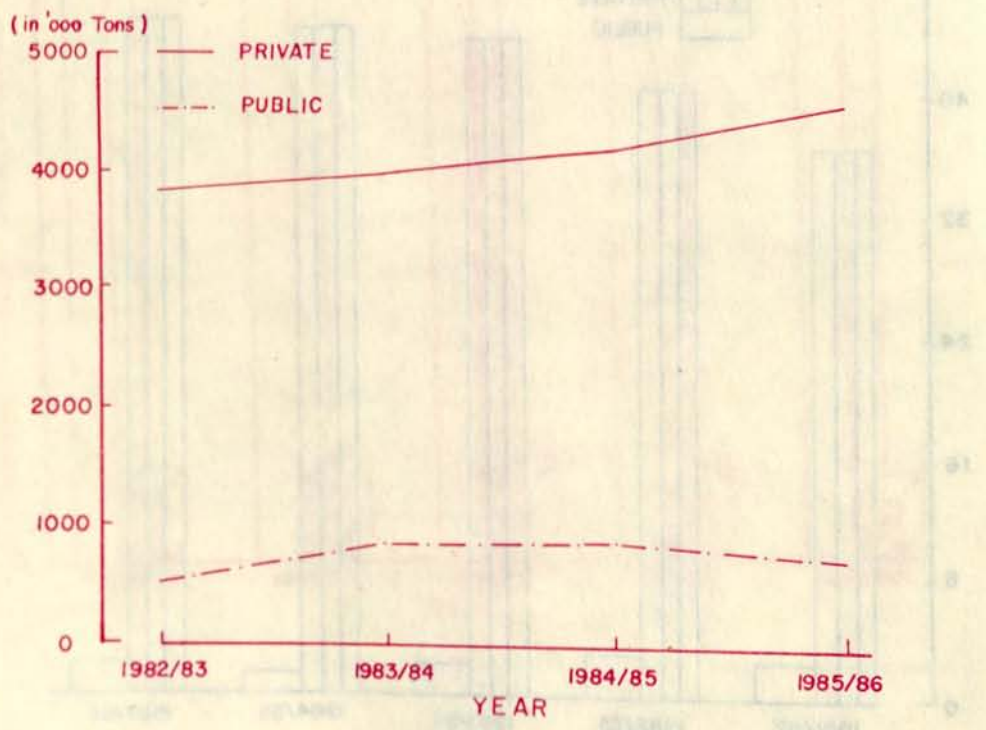


Fig7 MOTOR VEHICLE ACCIDENTS IN ETHIOPIA

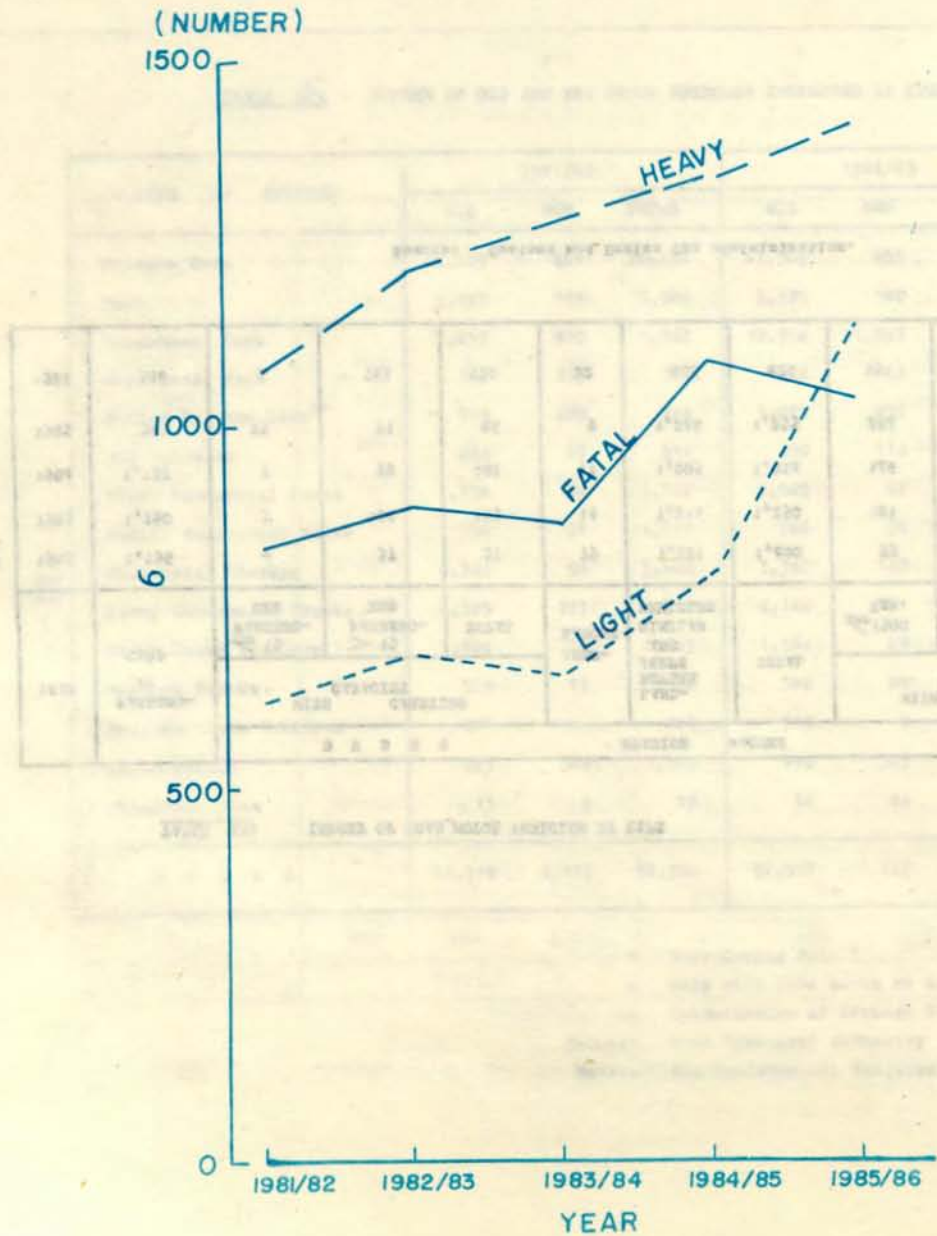


Fig8 MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA

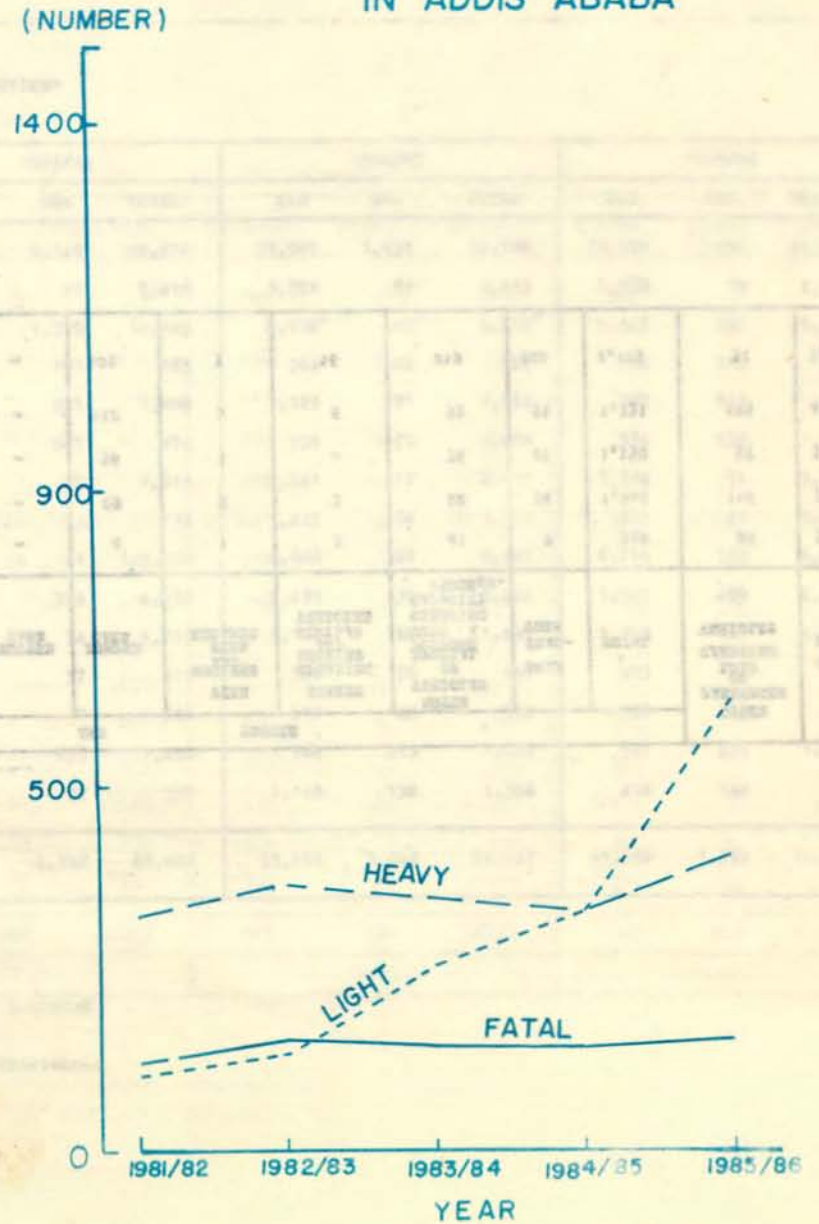


TABLE B1: IMPORT OF ROAD MOTOR VEHICLES BY TYPE

YEAR	PASSENGER CARS	BUSES			STATION WAGONS			LORRIES			AND		TRUCKS					OTHER PASSENGER OR LOAD CARRYING VEHICLES	GRAND TOTAL
		WITH CARRYING CAPACITY			AMBU-LANCES	LAND-ROVERS JEEPS AND SIMILAR VEHICLES	TOTAL	WITH CARRYING CAPACITY			SHUTTER CARS	DUMPER CARS	FIRE ENGINES AND FIRE ESCAPES	STREET SPRAYING LORRIES AND SIMILAR VEHICLES	MOTOR VEHICLES OF SPECIAL PURPOSE WITH A CARRYING CAPACITY 1500Kgs.	ROAD TRACTORS	TOTAL		
		≤ 15 PASSENGERS	> 15 PASSENGERS	TOTAL				≤ 1500 Kgs.	> 1500 Kgs.	TOTAL									
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
1985	961	15	71	86	9	1,246	1,255	264	1,218	1,482	-	112	5	8	93	51	1,751	125	4,178
1986	386	9	163	172	22	806	828	151	1,335	1,486	-	103	3	16	219	302	2,129	31	3,546

Source: Customs and Excise Tax Administration.

TABLE No. 1 . NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED IN ETHIOPIA BY TYPE OF SERVICE*

TYPE OF SERVICE	1981/82			1982/83			1983/84			1984/85			1985/86		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
Private Cars	28,029	401	28,430	27,909	855	28,764	27,227	1,143	28,370	27,095	1,631	28,726	30,567	550	31,117
Taxi	3,183	119	3,302	3,177	180	3,357	3,319	91	3,410	3,376	59	3,435	1,950	19	1,969
Government Cars	7,892	870	8,762	10,358	1,247	11,605	11,575	1,370	12,945	5,176 ⁺	443 ⁺	5,619 ⁺	5,343	297	5,640
Diplomatic Cars	157	213	370	488	136	624	472	191	663	364	203	567	182	114	296
United Nations Cars ⁺⁺	715	229	944	1,011	255	1,266	1,007	201	1,208	1,123	191	1,314	742	222	964
Aid Vehicles	444	67	511	450	114	564	573	301	874	758	670	1,428	534	638	1,172
Micro Commercial Buses	1,758	24	1,782	2,009	62	2,071	1,781	32	1,813	2,641	212	2,853	3,324	31	3,355
Public Commercial Buses	998	21	1,019	766	36	822	699	73	772	1,823	166	1,989	971	93	1,064
Commercial Pickups	3,562	98	3,660	3,340	140	3,480	3,269	61	3,330	6,060	387	6,447	6,704	229	6,933
Heavy Commercial Trucks	4,325	187	4,512	4,144	151	4,295	4,230	308	4,538	5,830	435	6,265	5,947	499	6,446
Heavy Truck Trailers	1,604	59	1,663	1,564	69	1,633	1,889	74	1,963	1,764	68	1,832	2,053	135	2,188
Benzine Trucks	573	17	590	582	28	610	578	37	615	572	96	668	803	73	876
Benzine Truck Trailers	481	-	481	510	7	517	530	10	540	510	49	559	559	62	621
Motor Cycles	783	566	1,349	995	303	1,298	1,059	233	1,292	764	295	1,059	997	230	1,227
Other Vehicles	15	4	19	34	44	78	308	27	335	1,148	138	1,306	416	140	556
T O T A L	54,519	2,875	57,394	57,337	3,647	60,984	58,516	4,152	62,668	59,004	5,063	64,067	61,092	3,332	64,424

* Year Ending July 7

+ Only with five seats or less

++ Organization of African Unity (OAU) Cars are Included

Source: Road Transport Authority

Note: - New Includes all Vehicles inspected for the firsttime.

TABLE B31

NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1981/82			1982/83			1983/84			1984/85			1985/86		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
ARSSI	1,463	1	1,464	1,393	15	1,408	1,378	23	1,401	1,330	12	1,342	1,384	17	1,401
BALE	196	13	209	255	7	262	264	62	326	146	3	149	155	-	155
ERITREA	4,946	23	4,969	5,287	226	5,513	5,200	94	5,294	5,173	90	5,263	5,646	70	5,716
GAMO GOFA	46	12	58	160	-	160	165	9	174	127	2	129	230	1	231
GOJJAM	522	-	522	571	-	571	430	-	430	557	-	557	517	1	518
GONDAR	636	1	637	817	-	817	737	7	744	639	-	639	568	3	571
HARARGEH	1,610	4	1,614	1,703	27	1,730	1,696	-	1,696	1,842	-	1,842	1,895	-	1,895
ILLUBABOR	42	-	42	46	-	46	138	6	144	202	5	207	256	3	259
KEFFA	1,104	-	1,104	1,014	1	1,015	1,183	29	1,212	1,104	45	1,149	1,017	27	1,044
SHEWA	40,199	2,812	43,011	42,198	3,351	45,549	43,872	3,887	47,759	44,034	4,866	48,900	45,499	3,134	48,633
SIDAMO	1,121	4	1,121	1,222	9	1,231	1,214	15	1,229	1,166	-	1,166	1,245	-	1,245
TIGRAI	384	4	388	378	-	378	287	-	287	378	-	378	323	-	323
WOLLEGA	542	-	542	560	1	561	440	-	440	745	4	749	488	5	493
WELLO	880	5	885	969	10	979	801	18	819	873	18	891	1,020	9	1,029
ASSAB ADMINISTRATION	828	-	828	764	-	764	711	2	713	688	18	706	903	-	903
TOTAL	54,519	2,875	57,394	57,337	3,647	60,984	58,516	4,152	62,668	59,004	5,063	64,067	61,146	3,270	64,416

TABLE R41. LENGTH OF ALL WEATHER ROADS (IN KMS.) BY TYPE AND ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	1981/82			1982/83			1983/84			1984/85			1985/86		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
Aresi	135	62	197	140	62	202	140	62	202	176	59	235	176	59	235
Bale	225	-	225	225	-	225	230	-	230	147	-	147	147	-	147
Eritrea	332	567	899	332	567	899	332	567	899	266	567	833	266	567	833
Gamo Gofa	213	-	213	225	-	225	225	-	225	152	-	152	152	-	152
Gojjam	726	111	837	808	91	899	827	91	918	905	91	996	930	91	1,021
Gondar	812	15	827	667	15	682	659	23	682	695	15	710	695	15	710
Hararghe	1,390	337	1,727	1,419	337	1,756	1,419	337	1,756	1,447	366	1,813	1,447	336	1,783
Illubabor	372	115	487	370	125	495	436	125	563	534	127	661	551	127	678
Keffa	466	339	805	766	208	974	783	208	991	571	220	791	571	220	791
Shewa	1,197	1,228	2,425	1,262	1,271	2,533	1,254	1,290	2,544	1,271	1,397	2,668	1,271	1,407	2,678
Sidamo	533	449	982	562	454	1,016	536	480	1,016	381	508	889	381	508	889
Tigray	563	37	600	563	37	600	563	37	600	622	48	670	622	48	670
Wollega	692	-	692	829	-	829	875	-	875	846	-	846	873	-	873
Wollo	186	795	981	422	601	1,023	422	601	1,023	442	579	1,021	442	579	1,021
T O T A L	7,842	4,055	11,897	8,790	3,768	12,558	8,903	3,821	12,724	8,455	3,977	12,432	8,524	3,957	12,481
RURAL ROADS			1,171			3,609			4,162			4,079			4,539
GRAND TOTAL			13,068			16,167			16,886			16,511			17,020

* Year Ending July 7

Source: Ethiopian Transport Construction Authority.

Note:- Rural roads are minor gravel surfaced agricultural access roads in rural areas with the least cost of construction and design standard as compared with other categories of roads given above.

TABLE R5: NUMBER OF DRIVING LICENCES ISSUED(NEW) BY NATIONALITY AND SEX

YEAR*	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	TOTAL	
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
1984/85	19,765	1,048	20,813	115	56	171	20,984
1985/86	18,935	908	19,843	109	90	199	20,042

* Year Ending July 7

Source:- Road Transport Authority.

TABLE R6: NUMBER OF PUBLIC TRANSPORT BUSES BY SIZE AND OWNERSHIP IN ETHIOPIA, 1981/82 - 1985/86*

B U S E S		1981/82	1982/83	1983/84	1984/85	1985/86
Size	Ownership					
Large	Public	141	145	139	134	175
	Private	271	267	310	295	270
Medium	Public	-	-	-	-	-
	Private	1,193	1,241	1,251	1,284	1,385
Small	Public	-	-	-	-	-
	Private	1,276	1,219	1,238	1,231	1,502

Source: Public Transport Corporation

Note:- Large size Buses with seats 45 and above
 medium size Buses with seats 21 - 44
 Small size Buses with seats 7 - 20

* Year Ending July 7.

TABLE R7: NUMBER OF PASSENGERS BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES IN ETHIOPIA, 1981/82 - 1985/86*
IN '000

B U S E S		1981/82	1982/83	1983/84	1984/85	1985/86
Size	Ownership					
Large	Public	2,564	2,771	2,297	1,459	2,158
	Private	5,112	5,128	5,288	4,527	4,780
Medium	Public	-	-	-	-	-
	Private	21,794	24,939	27,590	27,795	28,318
Small	Public	-	-	-	-	-
	Private	9,803	10,579	11,185	12,426	12,400

* Year Ending July 7

Source: Public Transport Corporation.

TABLE R8: DISTANCE COVERED BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES IN ETHIOPIA 1981/82 - 1985/86*

IN '000 Kms.

B U S E S		1981/82	1982/83	1983/84	1984/85	1985/86
Size	Ownership					
Large	Public	7,588	8,375	7,965	6,797	8,047
	Private	12,354	12,780	12,036	10,758	14,772
Medium	Public	-	-	-	-	-
	Private	43,796	50,024	54,153	54,957	54,064
Small	Public	-	-	-	-	-
	Private	27,163	29,656	31,793	32,246	35,783

* Year Ending July 7

Source: Public Transport Corporation.

TABLE R9: NUMBER OF TRUCKS BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA
1982/83 - 1985/86*

Ownership Zone /Year	P U B L I C		P R I V A T E			GRAND TOTAL
	T Y P E					
1982/83	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	TOTAL	
1	19	815	153	387	540	1,374
2	...	455	130	288	418	873
3	...	359	302	613	915	1,274
4	...	275	176	463	639	914
5	732	872	...	...	872	1,604
6	152	542	-	-	542	694

* Year Ending July 7

Note:- Heavy Trucks:- Freight Carrying Capacity 91 Quintals and Over and Includes Trucks with Trailers.

Medium Trucks:- Freight Carrying Capacity 51 - 90 Quintals.

Small Trucks:- Freight Carrying Capacity 5 - 50 Quintals.

Trucks owned by mass organisations and some corporations are not included.

TABLE R9: (CONT'D)

Ownership Zone/Year	P U B L I C	P R I V A T E				GRAND TOTAL
	T Y P E					
1983/84	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	TOTAL	
1	40	444	285	383	1,112	1,152
2	-	525	165	348	1,038	1,038
3	-	389	316	600	1,305	1,305
4	-	324	202	555	1,081	1,081
5	717	645	-	-	645	1,362
6	145	518	-	-	518	663

198

TABLE RQ: (CONT'D)

Ownership Zone/Year	P U B L I C		P R I V A T E			GRAND TOTAL
	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	TOTAL	
1984/85						
1	44	533	268	394	1,195	1,239
2	-	495	142	279	916	916
3	-	457	344	637	1,438	1,438
4	-	334	224	596	1,154	1,154
5	708	536	-	-	536	1,244
6	143	605	-	-	605	748

TABLE RQ: (CONT'D)

Trucks owned by other organizations and other corporations are not included.

TABLE R9: (CONT'D)

Ownership Zone/Year	P U B L I C		P R I V A T E			GRAND TOTAL
	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	TOTAL	
1985/86						
1	32	543	305	470	1,318	1,350
2	-	542	171	353	1,066	1,066
3	-	296	256	519	1,071	1,071
4	-	328	208	596	1,132	1,132
5	738	608	-	-	608	1,346
6	135	739	-	-	739	874

Source:- National Road Transport Corporation, Freight Transport Co-ordination Centre.

TABLE R10: FREIGHT TRANSPORTED BY OWNERSHIP AND ZONE IN ETHIOPIA,
 1982/83 - 1985/86*

IN TONS

ZONE	1982/83			1983/84		
	Ownership		T O T A L	Ownership		T O T A L
	Public	Private		Public	Private	
1	109,359	1,128,087	1,237,446	168,916	1,179,708	1,348,624
2	50,400	707,818	758,218	31,917	904,244	936,161
3	17,680	710,221	727,901	11,154	690,661	701,815
4	31,830	764,840	796,670	27,905	685,408	713,313
5	409,739	519,729	929,468	633,507	531,078	1,164,585
6	-	-	-	-	-	-

* Year Ending July 7

Note:- Freight carried by Trucks Owned by Mass Organizations and some Corporations is not Included.

TABLE R10: (CONT'D)

IN TONS

ZONE	1984/85			1985/86		
	Ownership		T O T A L	Ownership		T O T A L
	Public	Private		Public	Private	
1	192,642	1,149,985	1,342,627	123,211	976,009	1,099,220
2	18,446	864,007	882,453	11,135	692,880	704,015
3	5,902	769,563	775,465	4,909	947,670	952,579
4	28,311	750,309	778,620	43,749	791,259	835,008
5	645,009	638,286	1,283,295	552,495	1,151,065	1,703,560
6	-	-	-	-	-	-

Source:- National Road Transport Corporation, Freight Transport Co-ordination Center.

TABLE R10

DISTANCE COVERED BY REGISTERED VEHICLES OWNERSHIP AND ZONE IN TONS

IN '000 T.M.

TABLE R.11c.

DISTANCE COVERED BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA,
1982/83 - 1985/86*

IN '000 K.M.

Ownership Zone/Year	P U B L I C		P R I V A T E			TOTAL	GRAND TOTAL
	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	TOTAL		
1982/83							
1	2,101	15,729	4,600	4,899	25,228	27,329	
2	555	10,837	1,695	6,550	19,082	19,637	
3	176	9,753	7,784	9,752	27,289	27,465	
4	992	11,859	4,961	11,513	28,333	29,325	
5	21,443	25,415	-	-	25,415	46,858	
6	7,088	26,448	-	-	26,448	33,536	

* Year Ending July 7

TABLE R11: (CONT'D)

IN '000 K.M.S.

Ownership Zone/Year	P U B L I C		P R I V A T E			TOTAL	GRAND TOTAL
	T Y P E						
1983/84	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks			
1	2,756	16,435	4,233	4,775	25,443	28,199	
2	326	11,713	2,061	7,522	21,296	21,622	
3	212	8,304	6,928	18,146	33,378	33,590	
4	1,199	9,421	4,552	8,896	22,869	24,068	
5	22,827	23,412	-	-	23,412	46,239	
6	6,204	28,256	-	-	29,515	34,460	

25

TABLE R17: (CONT'D)

IN '000 K.M.

Ownership Zone/Year	P U B L I C	P R I V A T E			TOTAL	GRAND TOTAL
		T	Y	P			E
1984/85	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks		
1	4,231	20,921	5,798	4,922	31,641	35,872
2	214	12,175	3,037	7,280	22,492	22,706
3	195	7,922	7,226	25,610	40,758	40,953
4	774	12,639	6,795	10,206	29,640	30,414
5	22,451	30,826	-	-	30,826	53,277
6	6,190	31,942	-	-	31,942	38,132

Source:- National Road Transport Corporation, Freight Transport Co-ordination Centre.

TABLE R17 (CONT'D)

TABLE R11: (CONT'D)

IN '000 K.M.S

Ownership Zone/Year	P U B L I C		P R I V A T E			TOTAL	GRAND TOTAL
	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks			
1985/86							
1	2,843	16,819	5,735	7,460	30,014	32,857	
2	122	12,164	3,094	8,259	23,517	23,639	
3	136	9,282	8,894	33,520	51,696	51,832	
4	1,173	11,866	8,814	10,620	31,282	32,455	
5	22,304	75,228	-	-	75,228	97,532	
6	5,608	33,350	-	-	31,350	36,958	

Source:- National Road Transport Corporation, Freight Transport Co-ordination Centre.

TABLE R12:

FREIGHT - KILOMETERS PERFORMED BY OWNERSHIP AND ZONE IN ETHIOPIA
1982/83 - 1985/86*

Ton/K.m. IN MILLION

ZONE	1982/83			1983/84		T O T A L
	Ownership		T O T A L	Ownership		
	Public	Private		Public	Private	
1	19.15	229.69	248.84	27.56	228.47	256.03
2	9.56	126.91	136.47	5.52	140.92	146.44
3	2.69	150.84	153.53	2.86	140.11	142.97
4	13.05	176.57	189.62	10.48	151.48	161.96
5	434.52	451.95	886.47	536.20	465.79	1,001.99
6	-	-	-	-	-	-

* Year Ending July 7

TABLE R12: (CONT'D)

TON/K.M IN MILLION

ZONE	1984/85			1985/86		
	Ownership		T O T A L	Ownership		T O T A L
	Public	Private		Public	Private	
1	18.67	203.26	221.93	16.68	200.62	217.30
2	3.10	152.64	155.74	1.47	143.98	145.45
3	3.47	145.48	148.95	2.18	166.64	168.82
4	14.34	171.64	185.98	12.59	177.93	190.52
5	500.53	494.54	995.07	442.78	885.33	1,328.11
6	-	-	-	-	-	-

Source:- National Road Transport Corporation, Freight Transport Co-ordination Centre.

EVERY 213: CHYALINA OR LINE SUPERSEDED BY OWNERSHIP AND M,IAN' DESIGNED IN BARIHIV'

TABLE R13: QUANTITY OF FUEL TRANSPORTED BY OWNERSHIP AND M³/KM. PERFORMED IN ETHIOPIA,
1982/83 - 1985/86*

Year	P U B L I C		P R I V A T E		T O T A L	
	Cubic meter	M ³ /Km. in million	Cubic meter	M ³ /Km. in million	Cubic meter	M ³ /Km. in million
1982/83	151,951	102.38	598,467	362.25	750,418	464.63
1983/84	160,678	97.43	601,626	392.14	762,304	489.57
1984/85	160,657	100.11	683,281	451.41	843,938	551.52
1985/86	136,435	86.43	756,276	486.16	892,711	572.59

* Year Ending July 7

Source:- National Transport Corporation, Freight Transport Co-ordination Centre.

Note:- Fuel Transported by Trucks of Mass Organizations and some Corporations is not Included.

TABLE R14: MOTOR VEHICLES TRAFFIC ACCIDENTS IN ETHIOPIA

Year*	TOTAL NUMBER OF ACCIDENTS					NUMBER OF DEATH				NUMBER OF PERSONS INJURED			
	Light	Heavy	Fatal	Property Damage	Total	Young	Matured**	Old	Total	Young	Matured**	Old	Total
1981/82	623	1,068	829	1,128	3,648	225	649	82	956	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
1984/85	796	1,331	1,090	1,515	4,732	288	843	149	1,280	774	2,747	270	3,791
1985/86	1,135	1,406	1,042	2,094	5,677	312	818	102	1,232	1,054	3,344	286	4,684

* Year Ending July 7

** 19 - 55 years of age.

Source: Police Headquarters, Addis Ababa.

TABLE R15: MOTOR VEHICLES TRAFFIC ACCIDENTS IN ADDIS ABABA

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
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
1984/85	326	328	143	407	1,204	40	114	20	174	243	449	86	778
1985/86	609	395	146	774	1,924	53	78	15	146	425	607	103	1,135

* Year Ending July 7

** 19 - 55 years of age.

Source: Police Headquarters, Addis Ababa.

TABLE R12: NUMBER OF ROAD MOTOR VEHICLES' TRAFFIC ACCIDENTS IN ETHIOPIA
AND IN ADDIS ABABA BY TYPE OF VEHICLES*

VEHICLES INVOLVED BY TYPE	1982/83		1983/84		1984/85		1985/86	
	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa
Private Cars	800	382	814	400	756	427	939	626
Taxi	222	126	217	185	317	195	448	332
Buses	481	63	483	98	562	90	603	134
Trucks	899	106	939	122	1,014	92	1,138	155
Government Cars	1,066	141	1,165	325	1,273	240	1,513	380
Military Cars	405	57	428	62	453	80	511	120
Diplomatic Cars	20	11	34	24	26	21	41	28
United Nations Cars	35	15	43	35	59	30	170	89
Motor Cycles	64	9	64	18	46	9	60	28
Cycles	65	2	54	-	48	6	52	11
Cart	47	-	44	-	46	-	40	-
Special Vehicles	72	-	81	-	51	-	107	-
Others	60	16	57	21	81	14	55	21
T O T A L	4,236	926	4,429	1,370	4,732	1,204	5,677	1,924

* Year Ending July 7
Source: Police Headquarters, Addis Ababa.

Railway Statistics

This section of the bulletin briefs on the operations of the Ethio-Djibouti Railway Company. The company operates on a line with a length of 781 kms. that stretches from the port city of Djibouti to Addis Ababa. It handles passenger and freight traffic most of which consists of imports and exports.

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

In 1985/86 there were 2573 employees of which 2194 were Ethiopians. There was a rise of 5.2 percent in the total number of employees for the same year over that of 1980/81. The number of rolling stocks has increased by 5.6 percent from 708 in 1984/85 to 748 in 1985/86. The number of passengers in 1985/86 rose slightly by 0.1 percent compared to that of 1984/85.

Tables W₅, W₆, and W₇ convey data on the volume of imports, exports and domestic goods transported by the Railway Company. The volume of imports carried in 1985/86 has increased by 49.8 percent over that of 1984/85 whereas the volume of exports for 1985/86 has dropped by 10.6 percent compared to that of 1984/85.

Table W₈ portrays the financial conditions of the Ethio-Djibouti Railway company. Revenue has increased from Birr 26.1 million in 1984/85 to Birr 30.1 million in 1985/86. Note that 62.8 percent of the revenue for 1985/86 was generated by freight. Expenditure has increased from Birr 28.3 million in 1984/85 to Birr 30.6 million in 1985/86 making a rise of 8.4 percent. In 1985/86 the company encountered a loss of Birr 0.6 million. This loss is much less than the one incurred in 1984/85 which was Birr 2.1 million.

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

(IN '000 TONS)

FIG. 9

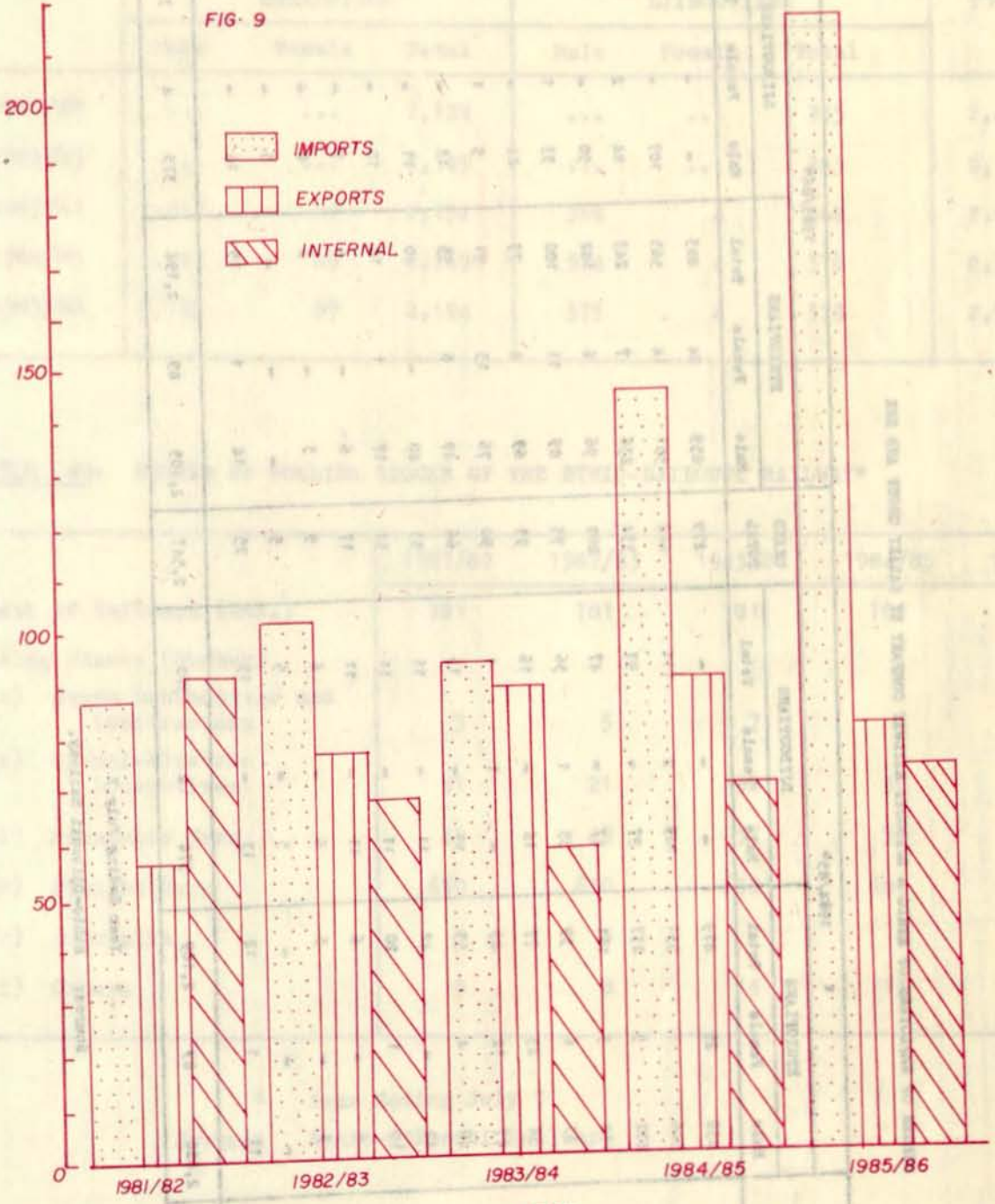


TABLE W1: NUMBER OF EMPLOYEES OF ETHIO - DJIBOUTI RAILWAY COMPANY BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1984/85*							1985/86*						
	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total	
50 - 149	850	29	879	-	-	-	879	859	24	883	-	-	-	883
150 - 249	546	5	551	109	2	111	662	551	14	565	107	-	107	672
250 - 349	232	5	237	97	-	97	334	236	7	243	84	2	86	329
350 - 449	158	3	161	47	-	47	208	96	6	102	50	-	50	152
450 - 549	33	6	39	35	1	36	75	89	11	100	33	1	34	134
550 - 649	54	23	77	16	-	16	93	69	4	73	24	-	24	97
650 - 749	77	12	89	-	1	1	90	76	15	91	5	1	6	97
750 - 849	49	4	53	13	-	13	66	49	6	55	13	-	13	68
850 - 949	42	-	42	11	-	11	53	40	-	40	11	-	11	51
950 - 1049	19	1	20	11	-	11	31	17	1	18	10	-	10	28
1050 - 1149	6	-	6	11	-	11	17	6	-	6	9	-	9	15
1150 - 1249	3	-	3	6	-	6	9	3	-	3	6	-	6	9
1250 - 1349	-	-	-	5	-	5	5	-	-	-	5	-	5	5
1350 and above	11	1	12	13	-	13	25	14	1	15	18	-	18	33
TOTAL	2,080	89	2,169	374	4	378	2,547	2,105	89	2,194	375	4	379	2,573

* Year Ending July 7

Source: Ethio-Djibouti Railway.

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

YEAR*	NUMBER OF EMPLOYEES						GRAND TOTAL
	ETHIOPIANS			DJIBOUTIANS			
	Male	Female	Total	Male	Female	Total	
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
1984/85	2,080	89	2,169	374	4	378	2,547
1985/86	2,105	89	2,194	375	4	379	2,573

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

	1981/82	1982/83	1983/84	1984/85	1985/86
Length of Railways (Kms.)	781	781	781	781	781
Rolling Stocks (Number)					
i) Steam Locomotives and Locotractors	5	5	7	4	7
ii) Diesel-Electric Locomotives	21	21	30	30	34
iii) Passenger Cars	45	45	57	52	63
iv) Freight Cars	630	630	630	605	624
v) Autorails	5	5	7	6	6
vi) Others	8	8	14	13	14

* Year Ending July 7

Source: Ethio-Djibouti Railway.

TABLE W4: PASSENGERS AND FREIGHT CARRIED BY ETHIO-DJIBOUTI RAILWAY

Year*	PASSENGERS ('000)			Passenger-(Kms.) (Million)	Average Kms. per Passenger	FREIGHT ('000 Tons)				Commercial Traffic Million-Ton. Kms	Average Kms. Per Ton of Comm. Traffic
	1st and 2nd Class	3rd Class	Total			Import	Export	Intrnal Traffic	Total		
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	486
1984/85	114	938	1,052	275	261	144.5	90.3	70.1	304.9	144	472
1985/86	115	939	1,054	276	262	216.6	80.8	72.5	369.9	166	448.8

* 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 '000 T O N S				
	1981/82	1982/83	1983/84	1984/85	1985/86
Food and Live Animals	20.4	46.0	17.3	97.6	142.5
Beverages and Tobacco	-	0.1	-	0.3	0.3
Crude Materials, Except Fuels	3.7	9.4	0.2	5.7	0.7
Fuels, Lubricants and Related Materials	33.3	35.7	34.0	29.2	34.4
Animal and Vegetable Oils and fats	-	-	-	0.2	0.003
Chemicals	9.1	2.8	16.6	3.0	7.1
Manufactured Articles	17.5	2.7	19.3	2.3	21.9
Machinery and Transport Equipment	2.1	2.3	1.9	1.4	2.1
Miscellaneous Articles, n.e.s.	1.4	3.0	4.1	4.8	7.5
T O T A L	87.5	102.0	93.4	144.5	216.5

* 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	QUANTITY IN '000 TONS				
	1981/82	1982/83	1983/84	1984/85	1985/86
Food and Live Animals	55.0	69.7	84.5	41.3	76.8
Beverages and Tobacco	-	-	-	0.1	0.2
Crude Materials Except Fuels	0.6	2.5	0.3	38.9	0.2
Fuels, Lubricants and Related Materials	-	-	-	-	-
Animal and Vegetable Oils and Fats	-	-	-	0.8	-
Chemicals	-	-	-	-	-
Manufactured Goods	0.3	0.1	0.3	-	0.1
Machinery and Transport Equipment	0.1	-	0.1	0.4	0.1
Miscellaneous Articles, n.e.s.	0.8	4.4	3.9	8.8	3.3
T O T A L	56.8	76.7	89.1	90.3	80.7

* 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	QUANTITY IN TONS				
	1981/82	1982/83	1983/84	1984/85	1985/86
Food and Live Animals	65.4	39.9	35.7	50.6	56.6
Beverages and Tobacco	0.5	2.3	0.7	2.8	0.8
Crude Materials, Except Fuels	6.2	2.0	3.9	1.0	1.4
Fuels, Lubricants and Related Materials	0.6	0.7	0.4	0.4	0.2
Animal and Vegetable Oils and Fats	-	-	-	0.8	-
Chemicals	0.8	1.0	0.6	0.3	0.4
Manufactured Articles	14.8	17.8	13.6	11.6	10.8
Machinery and Transport Equipment	1.9	2.1	1.1	1.2	1.1
Miscellaneous Goods, n.e.s.	2.2	2.3	2.0	1.4	1.2
T O T A L	92.4	68.1	58.0	70.1	72.5

* Year Ending July 7

Source: Ethio-Djibouti Railway.

TABLE WB: FINANCIAL OPERATIONS OF THE ETHIO-DJIBOUTI RAILWAY

Year*	R E V E N U E (IN '000 BIRR)				E X P E N D I T U R E (IN '000BIRR)			
	Passenger	Freight	Other	Total	Personnel	Material and Others	Provisions for Workers and Renewal	Total
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
1984/85	8,020	17,083	1,047	26,150	15,005	11,077	2,190 ⁺	28,272
1985/86	9,874	18,904	1,297	30,075	15,918	9,131	5,608	30,657

* Year Ending July 7

+ Includes Interest Payment.

Source: Ethio-Djibouti Railway.

Harbour Inland Waterways and Shipping Lines Statistics

This part of the bulletin presents data on the activities of ports, inland waterways and shipping lines corporation. The information here deals with the number of ships that called at the ports, registered tonnage, cargo loaded and unloaded, passengers transported and number of employees of Ethiopian Shipping Lines Corporation.

Tables H₁ and H₂ indicate the operations of the ports of Assab and Massawa. The number of ships that called at the port of Assab has increased by 6.5 percent from 561 in 1984/85 to 598 in 1985/86 whereas that of Massawa has slightly dropped from 233 to 229 for the same years. Cargo loaded and unloaded at Assab has increased by 1.1 percent for 1985/86 over that of 1984/85 and that of Massawa has increased by 0.2 percent for 1985/86 over that of 1984/85. Assab handled 72.3 percent of the total number of ships and 82.8 percent of the total cargo in 1985/86. Massawa dealt with the rest of the traffic in the same year.

Tables H₃ and H₄ show the quantity and value of imports and exports handled by both ports. The volume of export loaded at Assab in 1985/86 has dropped by 19.7 percent compared to that of 1984/85 and the volume of import unloaded has increased by 5.9 percent for the same period. The export loaded at Massawa has increased by 7.9 percent for 1985/86 compared to 1984/85 and the import unloaded at the same port has increased by 18.9 percent for the same period. In 1985/86 85.4 percent of the total export and 85.7 percent of the total import were loaded and unloaded at Assab, respectively, and the remaining at Massawa.

Table H₅ shows the activities of inland waterways. Some of the lakes and rivers of the country play a role in the transportation of passengers and freight. Lakes Tana, Abaya, Chamo and Baro and Akobo rivers are used for this purpose. 91.2 thousand passengers and 21.5 million kgs of freight were transported on these lakes and rivers in 1985/86. The number of passengers and quantity of freight carried in 1985/86 have increased by 5 and 1.6 percent, respectively, over that of 1984/85. The number of boats for the same period has slightly decreased.

Table H₆ displays the number of employees of Ethiopian Shipping Lines Corporation. The employees have increased in number from 347 in 1984/85 to 431 in 1985/86.

Tables H₇ and H₈ show the number of vessels in use and the quantity of freight carried, respectively. The number of vessels has increased from 11 in 1984/85 to 12 in 1985/86. The quantity of freight for 1985/86 has risen by 1.5 percent over that of the preceding year.

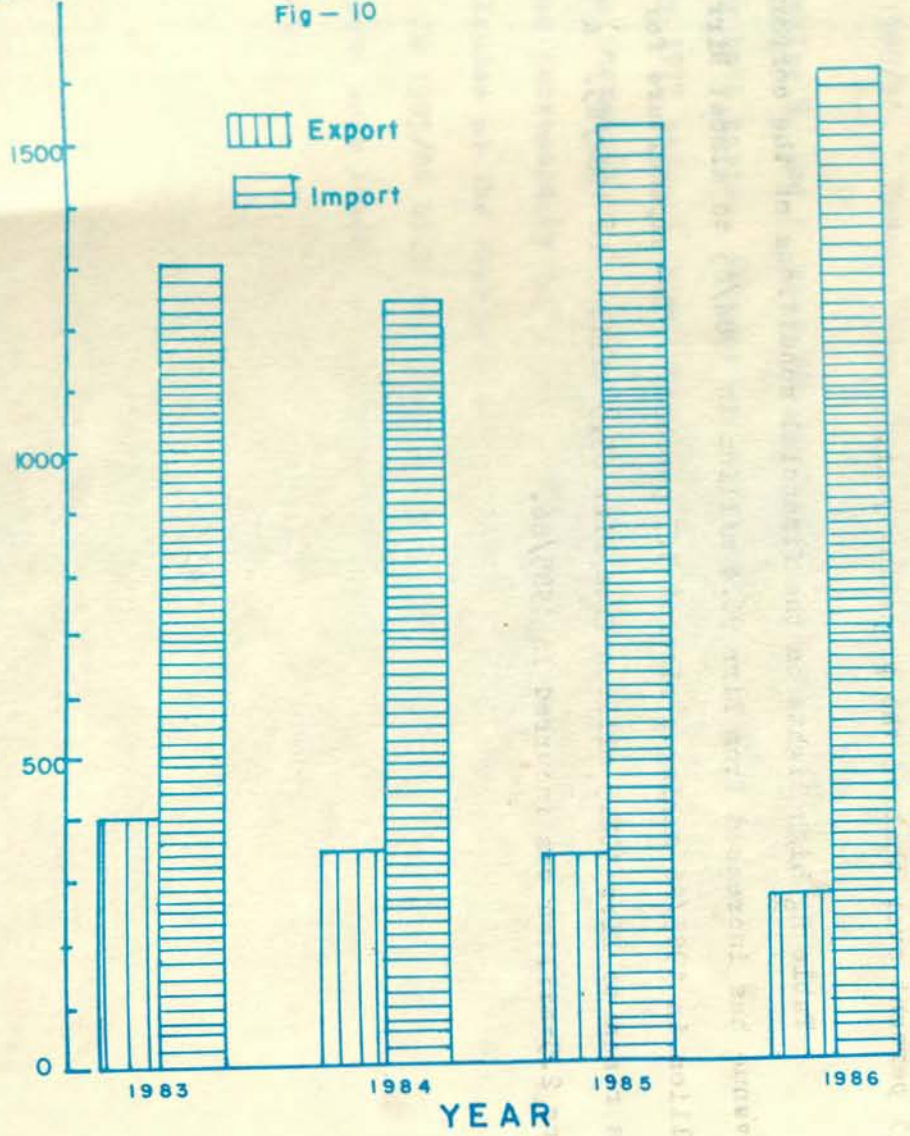
Table H₉ highlights the financial conditions of the corporation. Revenue has increased from Birr 96.4 million in 1984/85 to almost Birr 100 million in 1985/86 making a rise of 3.7 percent. The expenditure for 1985/86 has risen to Birr 102.5 million from Birr 85.5 million in 1984/85. A loss of Birr 2.5 million was incurred in 1985/86.

IMPORT-EXPORT VIA ASSAB

(IN '000 TONS)

Fig - 10

Export
Import



IMPORT-EXPORT VIA MASAWA

Fig - 11

Export
Import

(IN '000 TONS)

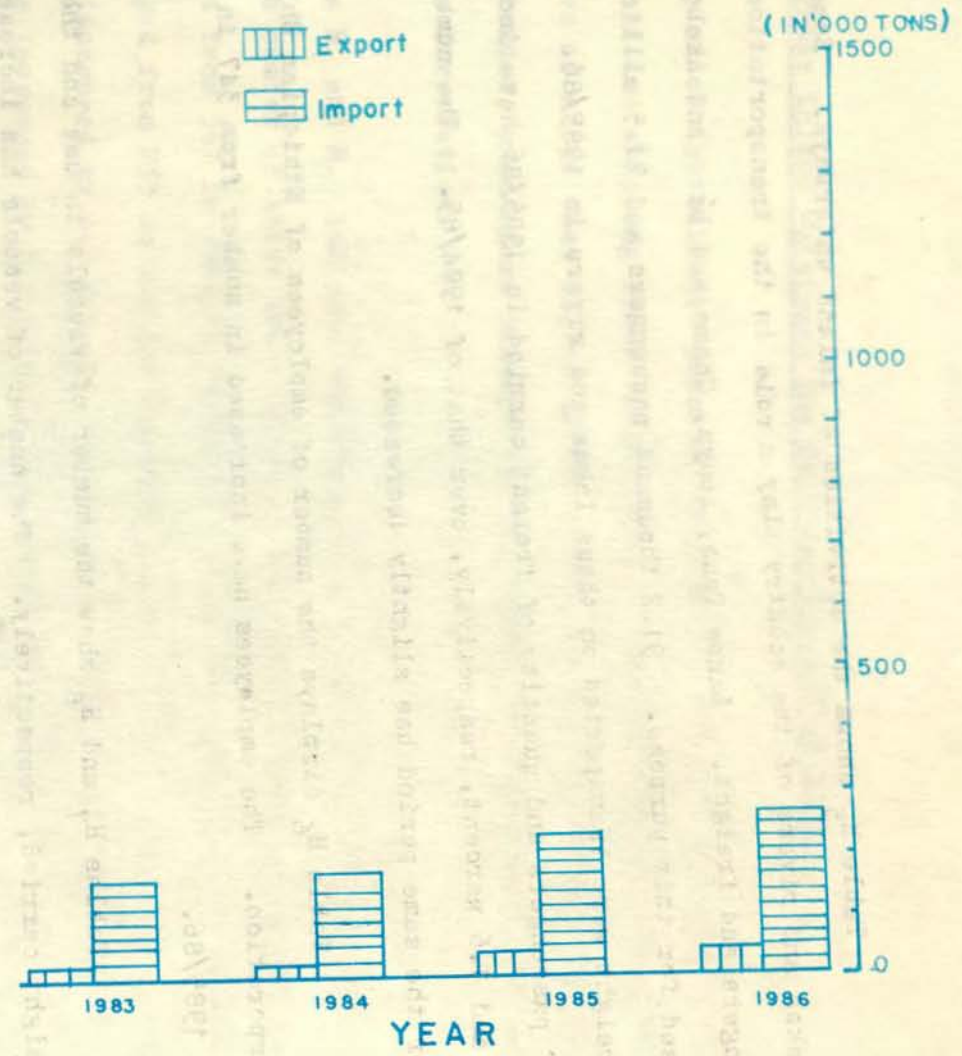


TABLE H1: OPERATIONS AT THE PORT OF ASSAB

Year*	Number of ships entering and leaving ports by flag of registration			Registered Tonnage		C A R G O (Mt. Tons)			Passengers Carried (Number)		
	Ethiopia's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
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
1984/85	105	456	561	2,493,625	4,088,524	527,096	2,036,057	2,563,153	273	69	342
1985/86	126	472	598	2,765,307	4,568,377	531,021	2,338,823	2,869,844	11	11	22

45

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)		
	Ethiopia's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
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
1984/85	88	145	233	827,771	1,320,045	41,800	550,637	592,437	344	159	503
1985/86	101	128	229	1,065,086	1,669,248	47,556	546,421	593,977	162	104	266

* Year Ending July 7

Source: Marine Transport Authority.

TABLE H1: EXPORT - IMPORT VIA ASSAB

COMMODITY	1983				1984			
	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
Crudematerials 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	9,749.9	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

94

TABLE III: (CONT'D)

COMMODITY	1 9 8 5				1 9 8 6			
	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	84,859.4	445,343.7	520,439.6	311,730.9	82,067.0	725,489.0	560,934.9	306,203.1
Beverages and Tobacco	44.7	77.5	658.8	5,110.2	33.0	46.0	129.2	3,013.7
Crude materials in edible, except fuels	18,928.5	112,250.6	6,992.4	15,832.2	21,221.0	112,289.0	8,674.1	18,189.6
Mineral fuels, lubricants and related materials	225,571.6	68,613.1	769,488.7	296,338.4	161,309.0	23,340.0	764,624.2	200,956.1
Animal and vegetable Oils and Fats	228.8	1,631.8	29,034.7	67,784.8	134.0	939.0	24,174.3	43,502.7
Chemical elements and compounds	22.5	234.3	85,452.2	99,917.5	-	-	128,411.7	162,836.1
Manufactured goods, classified by material	290.1	399.7	57,100.3	177,413.4	16.0	196.0	63,486.8	198,536.9
Machinery and Transport equipment	-	-	37,867.6	332,975.9	-	-	56,358.9	501,358.7
Miscellaneous manufactured articles	-	-	10,117.1	28,490.0	-	-	6,992.4	36,298.8
Commodities n.e.c.	-	-	-	-	-	-	3.7	25.8
T O T A L	329,945.6	628,550.7	1,517,151.4	1,335,793.3	264,780.0	862,299.0	1,613,790.2	1,470,941.5

Source: Customs and Excise Tax Administration.

TABLE B4: EXPORT - IMPORT VIA MASSAWA

COMMODITY	1983				1984			
	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	-	-	-	-
T O T A L	20,619.9	16,737.3	156,212.3	172,265.4	24,458.1	14,042.3	172,031.2	153,456.1

TABLE H4: (CONT'D)

COMMODITY	1 9 8 5				1 9 8 6			
	EXPORT		IMPORT		EXPORT		IMPORT	
	Quantity in Tons	Value in '000 Birr	Quantity in Tons	Value in '000 Birr	Quantity in Tons	Value in '000 Tons	Quantity in Tons	Value in '000 Birr
Food and Live Animals	6,110.0	1,656.3	191,782.9	127,970.2	3,194.0	897.0	224,948.7	148,471.5
Beverage and Tobacco	227.1	199.5	5.5	15.2	2.0	21.0	28.5	100.9
Crude materials in edible, except fuels	35,477.7	8,916.0	2,250.8	6,797.7	41,129.0	6,305.0	4,158.7	3,719.4
Mineral fuels, lubricants and related materials	-	-	2,145.6	4,268.0	-	-	4,258.2	8,578.5
Animal and vegetable oils and fats	-	-	14,533.9	26,373.0	825.0	239.0	9,851.2	13,552.4
Chemical elements and compounds	-	-	6,109.1	9,127.1	-	-	11,012.9	15,949.3
Manufactured goods classified by material	-	-	6,980.5	14,291.5	-	-	7,583.8	19,466.9
Machinery and transport equipment	-	-	1,906.4	23,578.9	-	-	6,540.8	23,920.2
Miscellaneous manufactured articles	-	-	114.0	919.4	-	-	246.5	1,599.4
Commodities n.e.s.	-	-	-	-	-	-	-	-
T O T A L	41,814.8	10,771.8	225,828.7	213,341.0	45,150.0	7,462.0	268,629.3	235,358.5

Source: Customs and Excise Tax Administration.

67

TABLE H5: ACTIVITIES OF INLAND WATER WAYS*

Name (Lake or River)	1982/83			1983/84		
	No. of Boats	Passengers Carried	Freight Carried (Kg)	No. of Boats	Passengers Carried (Number)	Freight Carried (Kg)
Lake Tana	9	51,490	2,210,701	9	52,754	2,144,221
Baro and Akobo (Rivers)	3	794	20,305	3	1,011	556,140
Abaya and Chamo (Lakes)	3	10,103	58,571	3	32,410	143,796
T O T A L	15	62,387	2,289,577	15	86,175	2,844,157

TABLE H5: (CONT'D)*

Name (Lake or River)	1984/85			1985/86		
	No. of Boats	Passengers Carried	Freight Carried (Kg)	No. of Boats	Passengers Carried (Number)	Freight Carried (Kg)
Lake Tana	8	73,898	1,633,700	8	79,990	1,709,700
Baro and Akobo (Rivers)	3	415	400,500	2	2,310	370,900
Abaya and Chamo (Lakes)	3	12,534	82,600	2	8,926	72,000
T O T A L	14	86,847	2,116,800	12	91,226	2,152,600

* Year Ending July 7

Source: Marine Transport Authority.

TABLE H6:

NUMBER OF EMPLOYEES OF ETHIOPIAN SHIPPING LINES CORPORATION BY SALARY GROUP
AND SEX*

SALARY GROUP	NUMBER OF EMPLOYEES								
	1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	2	1	3	1	3	4	1	3	4
150 - 249	3	3	6	8	3	11	22	5	27
250 - 349	36	3	39	28	2	30	30	2	32
350 - 449	78	5	83	95	8	103	115	5	118
450 - 549	39	7	46	41	8	49	41	8	49
550 - 649	18	2	20	38	3	41	43	4	47
650 - 749	35	4	39	37	7	44	37	6	43
750 - 849	11	-	11	10	-	10	11	-	11
850 - 949	23	-	23	20	-	20	20	-	20
950 - 1049	-	1	1	-	1	1	-	1	1
1050 - 1149	6	1	7	4	1	5	5	1	6
1150 - 1249	3	-	3	3	-	3	2	-	2
1250 - 1349	1	-	1	2	1	3	1	1	2
1350 and above	19	-	19	23	-	23	73	-	73
T O T A L	274	27	301	310	37	347	399	36	435

* 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	
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
1984/85	11	54,921	34,653	89,267
1985/86	12	63,522	34,042	89,264

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 (TONS)
		LOADED	UNLOADED	TOTAL	DRY CARGO	FUEL	TOTAL	
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
1984/85	11	74,418	203,738	278,156	81,498	143,029	224,527	502,683
1985/86	12	68,763	211,909	280,672	80,119	149,868	229,987	510,659

* 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, 16 11 and 7 in 1983/84, 1984/85 and 1985/86, respectively) were used.

TABLE H9: FINANCIAL OPERATIONS OF ETHIOPIAN SHIPPING LINES CORPORATION

YEAR*	Revenue by Source	Expenditure by Purpose
	Cargo Lifting	Operating and Overhead costs
1981/82	84,113	72,550
1982/83**	87,600	76,700
1983/84**	101,567	85,313
1984/85	96,397	85,478
1985/86	99,997	102,532

* Year Ending July 7

** Estimates

Source: Ethiopian Shipping Lines Corporation.

Aviation Statistics

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 means of transport. Thus air transport is an essential service as it plays a vital role in socio-economic development of a nation.

The data included in this section refer to aviation activities at domestic and international airports. In particular, the number of persons employed, type of aircraft, airports, domestic and international passengers, freight and mail carried, recorded number of aircraft landings and take-offs and financial operations of the Ethiopian Air Lines are covered.

In 1985/86 the Civil Aviation Authority had a staff of 918 of which 66.6 percent, 18.3 percent and 10.2 percent were in Addis Ababa, Asmara and Dire Dawa, respectively. In the same year out of the total employees of the Authority, there were 379 administrative and 539 technical personnel.

The Aviation Authority administered 13 domestic and 3 international (Bole in Addis Ababa, Yohannes IV in Asmara and Yielma Aba Tena in Dire Dawa) airports which operate regularly.

Over the period 1981/82 to 1985/86 capital expenditure of the Authority rose by 4.4 times, i.e., from Birr 3.1 million to Birr 13.8 million. This increase is mainly due to the increase in expenditure for maintenance. The expenditure allocated for new, maintenance and expansion of stations varies from year to year and from location to location (see Table A4).

In 1985/86 9 foreign airlines with a total of 8 different aircrafts were served at Bole Airport and landed 62 times per month. The number of aircraft landings and take-offs at Bole decreased from 3987 in 1984/85 to 3217 in 1985/86, similarly the number of passengers arriving and departing decreased by 3.1 percent, i.e., from 168712 to 163546 during the same period, for international traffic. In 1985/86 on international air routes at Bole,

freight carried showed an increment of 13 percent while mail carried exhibited a decrease of 3.9 percent over that of the previous year.

Table A11, A12, A14 and A15 provide data on both domestic and international traffic at international airports other than Bole International Airport in Addis Ababa.

The domestic carrier, the Ethiopian Air Lines, had 3380 employees in 1985/86, 4.5 percent higher than in 1984/85, of which 88.3 percent were stationed within Ethiopia and the rest in other countries. At the end of 1985/86 of the total number of persons employed, 3075 were Ethiopians and 305 were foreigners. Female employees accounted for 18.2 percent of the total employees of the Ethiopian Air Lines. In 1985/86 this company had 10 jet aircrafts in its total fleet of 27.

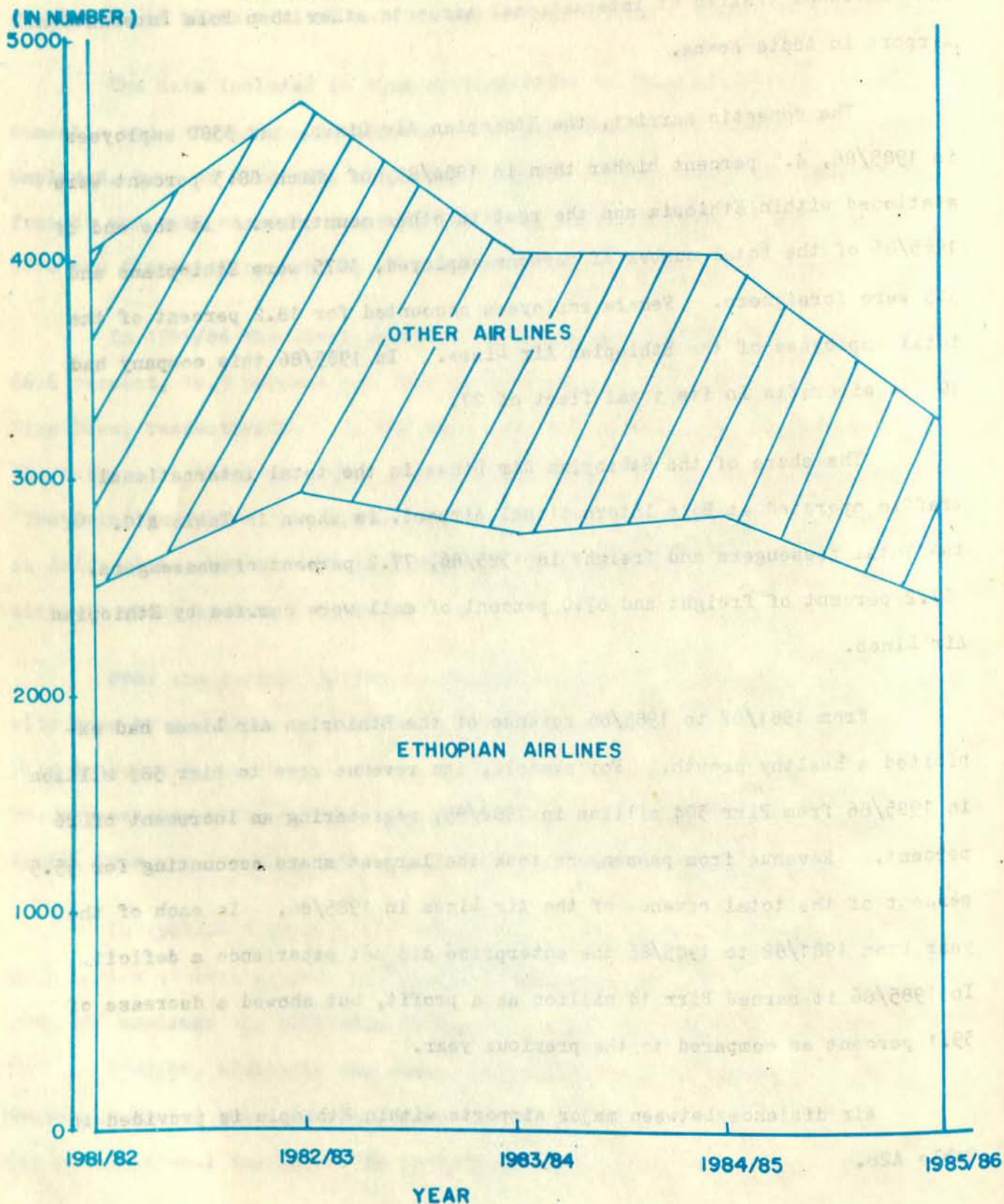
The share of the Ethiopian Air Lines in the total international traffic operated at Bole International Airport, is shown in Table A10. Of the total passengers and freight in 1985/86, 77.2 percent of passengers, 87.2 percent of freight and 87.0 percent of mail were carried by Ethiopian Air Lines.

From 1981/82 to 1985/86 revenue of the Ethiopian Air Lines had exhibited a healthy growth. For example, its revenue rose to Birr 383 million in 1985/86 from Birr 304 million in 1984/85, registering an increment of 26 percent. Revenue from passengers took the largest share accounting for 55.5 percent of the total revenue of the Air Lines in 1985/86. In each of the year from 1981/82 to 1985/86 the enterprise did not experience a deficit. In 1985/86 it earned Birr 14 million as a profit, but showed a decrease of 39.1 percent as compared to the previous year.

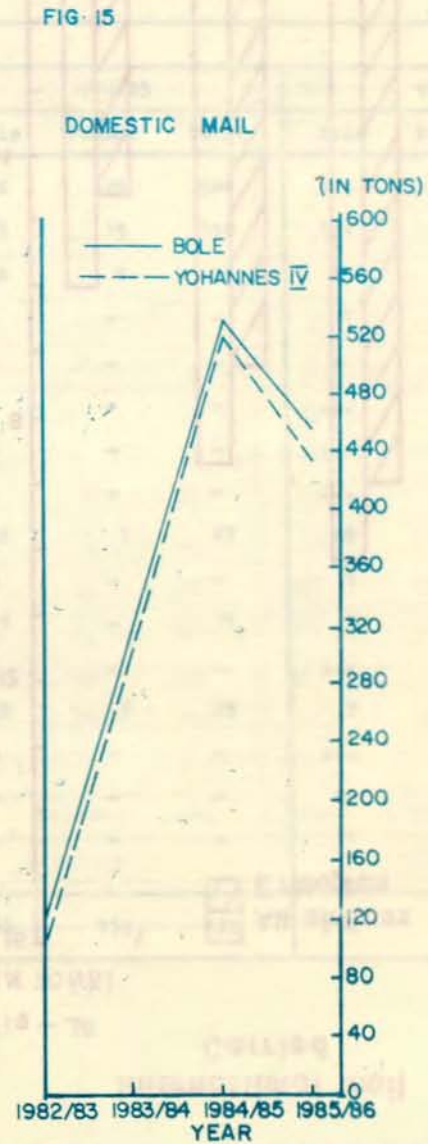
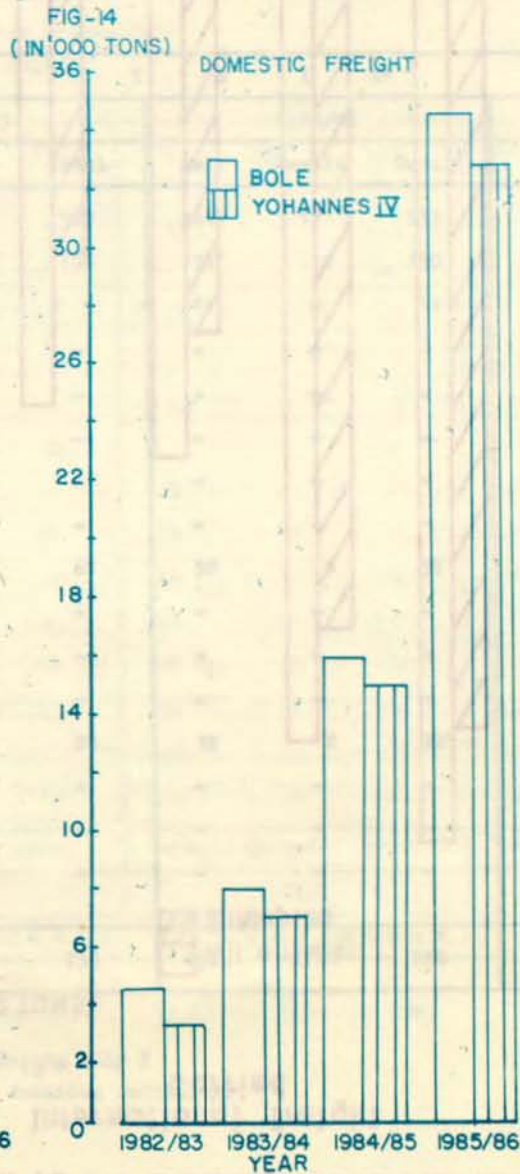
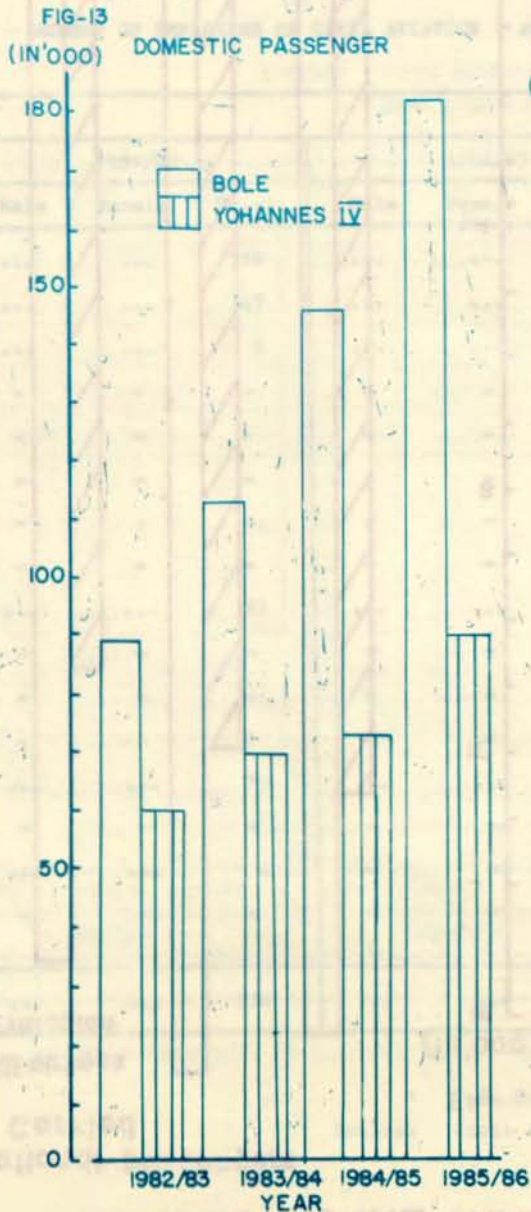
Air distance between major airports within Ethiopia is provided in Table A28.

FIG-12

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



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



57

INTERNATIONAL TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIR PORT

Fig-16

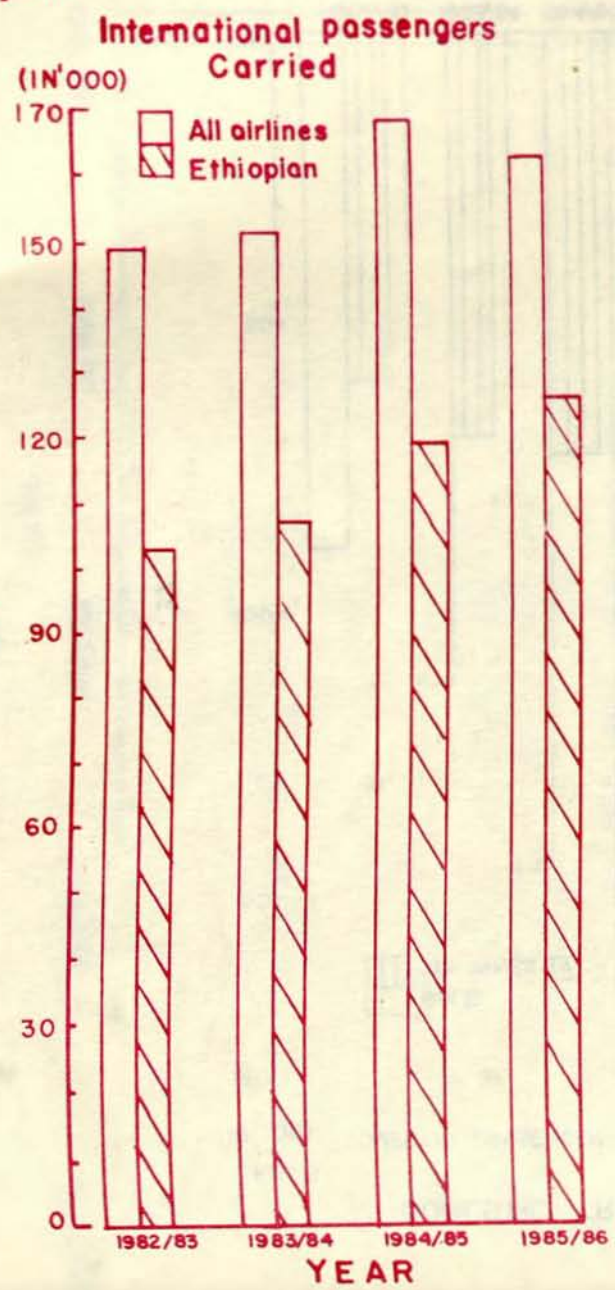


Fig-17

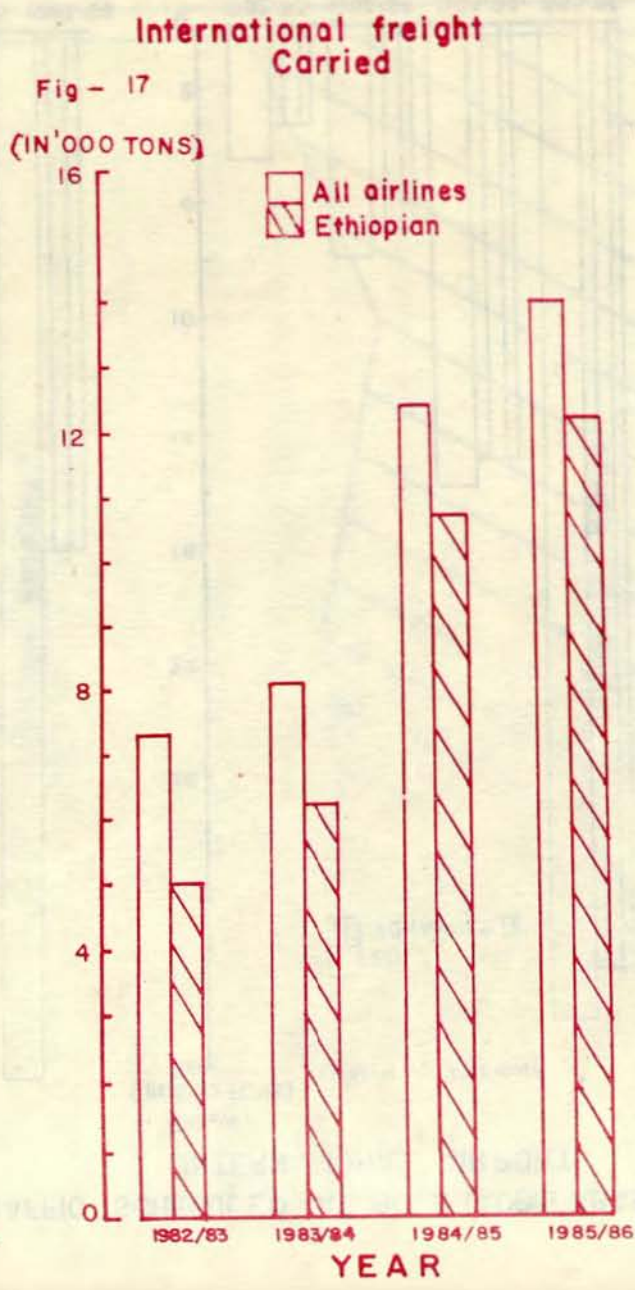


Fig-18

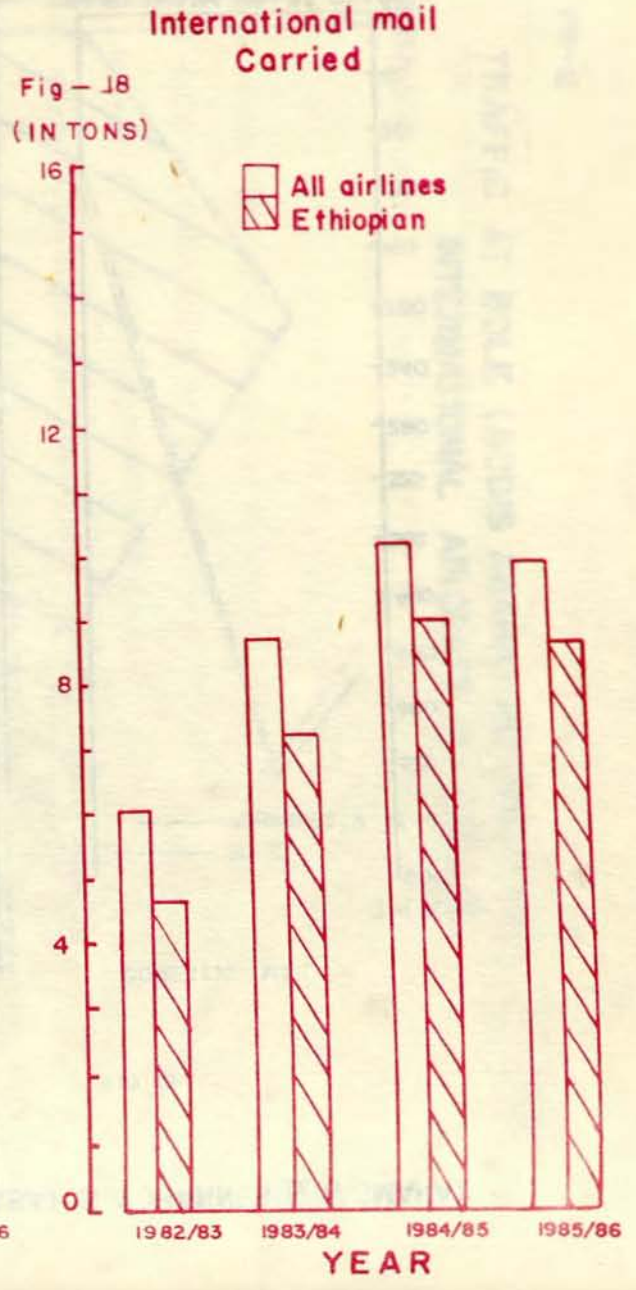


TABLE A1: NUMBER OF EMPLOYERS OF CIVIL AVIATION AUTHORITY BY PLACE OF ASSIGNMENT AND SEX

PLACE OF ASSIGNMENT	Y E A R*														
	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Addis Ababa	510	...	...	509	441	111	552	458	128	586	483	128	611
Asmara	147	...	...	156	138	12	150	135	15	150	151	17	168
Assab	8	...	...	9	11	-	11	10	1	11	13	1	14
Awassa	-	-	-	-	-	-	-	-	-	-	-	-	1	...	1
Awash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bahar Dar	-	-	-	-	-	-	-	-	-	-	-	-
Combolcha	-	-	-	-	-	-	-	-	-	-	-	-
Debre Markos	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa	62	...	...	61	50	5	55	60	7	67	85	9	94
Goba	-	-	-	-	-	-	-	-	-	-	-	-	3	...	3
Gondar	-	-	-	-	-	-	-	-	-	1	-	1	1	...	1
Gore	-	-	-	-	-	-	-	-	-	-	-	-
Jinna	19	...	...	20	18	2	20	22	3	25	22	3	25
Lekemte	-	-	-	-	-	-	-	-	-	-	-	-
Massawa	4	-	-	-	-	-	-	-	-	-	-	-	-
Mekale	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
T O T A L	750	...	...	755	658	130	788	686	154	840	760	158	918

* Year Ending July 7

Source: Civil Aviation Authority.

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

SALARY GROUP	NUMBER OF EMPLOYEES														
	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	90	...	...	45	51	50	101	39	14	53	31	13	44
150 - 249	150	...	...	182	104	30	134	161	56	217	184	61	245
250 - 349	204	...	...	153	137	20	157	132	35	167	126	32	158
350 - 449	127	...	...	128	146	10	156	142	17	159	134	15	149
450 - 549	96	...	...	125	103	16	119	73	25	98	121	24	145
550 - 649	38	...	...	56	25	-	25	56	3	59	66	6	72
650 - 749	15	...	...	26	56	4	60	51	4	55	54	7	61
750 - 849	17	...	...	17	12	-	12	11	-	11	16	-	16
850 - 949	9	...	...	9	11	-	11	9	-	9	15	-	15
950 - 1049	1	...	...	1	9	-	9	9	-	9	9	-	9
1050 - 1149	-	-	-	1	1	-	1	1	-	1	1	-	1
1150 - 1249	1	-	-	-	1	-	1	-	-	-	-	-	-
1250 - 1349	-	-	-	-	-	-	-	-	-	1	-	1	2	-	2
1350 and above	2	...	...	2	2	-	2	1	-	1	1	-	1
T O T A L	750	...	...	755	658	130	788	686	154	840	760	158	918

* Year Ending July 7

Source: Civil Aviation Authority.

69

TABLE A2: NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY OCCUPATION AND SEX

OCCUPATION	Y E A R*														
	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Administrative Personnel	570	...	...	318	261	126	387	240	112	352	243	136	379
Technical Personnel	180	...	...	437	397	4	401	446	42	448	517	22	539
T O T A L	750	...	...	755	658	130	788	686	154	840	760	158	918

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

* Year Ending July 7

Source: Civil Aviation Authority.

TABLE A4: CAPITAL EXPENDITURE BY TYPE AND LOCATION

(IN '000 BIRR)

YEAR	LOCATION	T Y P E			
		NEW	MAINTENANCE	EXPANSION	TOTAL
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
1984/85*	Addis Ababa	582	2,000	54	2,636
	Asmara	-	-	-	-
	Dire Dawa	349	-	-	349
	Others	102	-	-	102
	Total	1,033	2,000	54	3,087
1985/86*	Addis Ababa	616	11,100	67	11,783
	Asmara	-	...	-	-
	Dire Dawa	-	...	-	-
	Others	1,981	...	-	1,981
	Total	2,597	11,100	67	13,764

* Year Ending July 7

Note:- Most of the maintenance work in 1984/85, was done by current expenditure, and this is not included here.

Source: Civil Aviation Authority.

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

SR. NO.	AIRLINES	A I R C R A F T			
		1984/85		1985/86	
		T Y P E	FREQUENCY PER MONTH	T Y P E	FREQUENCY PER MONTH
01	AIR DJIBOUTI (DJ)	B-727, B-737	4	B-737	4
02	AIR INDIA (AI)	B-707	8	-	-
03	AEROFLOT (SU)	TU-154	8	TU-154	4
04	ALITALIA (AZ)	DC-10, A-300	8	A-300, DC-8C	8
05	ALYEMDA (DY)	B-720, B-727	4	B-707, B-737	4
06	CHINA (CA)	B-707	2	B-707	2
07	ETHIOPIAN AIRLINES (ET)	B-767, B-707-B-720, B-727	-	B-767, B-720, B-727, B707C	-
08	INTERFLUG (IF)	IL-62	4	IL-62	4
09	KENYA AIRWAYS (KQ)	DC-9	8	DC-9	8
10	LUFTHANSA (LH)	B-707, A-300	8	A-300, DC-8C	4
11	NIGERIA AIRWAYS (WT)	B-707	4	-	-
12	YEMEN AIRWAYS (IY)	DASH-7, B-727	4	B-727	4
T O T A L			62		42

* Year Ending July 7

Source: Civil Aviation Authority.

Note:- Nigeria Airways and Air India discontinued landing as from July and November 1984, respectively.

TABLE A6: LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE, 1984/85*

SR. NO.	Air Port	Administrative Region	Type
01	Addis Ababa	Shewa	International
02	Asmara	Eritrea	"
03	Dire Dawa	Hararghe	"
04	Assab	Assab	Domestic
05	Axum	Tigray	"
06	Bahar Dar	Gojjam	"
07	Dembidollo	Wellega	"
08	Gambella	Illubabor	"
09	Gondar	Gondar	"
10	Humera	Gondar	"
11	Jimma	Keffa	"
12	Lalibella	Welle	"
13	Maji	Keffa	"
14	Mekele	Tigray	"
15	Shire	Tigray	"
16	Waka	Keffa	"

Note:- There were 24 other Air fields which served less than 1000 passengers during the years.

* Year Ending July 7

Source: Civil Aviation Authority.

TABLE A6: (CONT'D), LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE IN 1985/86 (1978 E.C.)

SR. NO.	Air Port	Administrative Region	Type
01	Addis Ababa	Shewa	International
02	Asmara	Eritrea	"
03	Dire Dawa	Hararghe	"
04	Assab	Assab	Domestic
05	Assosa	Wellega	"
06	Axum	Tigray	"
07	Bahar Dar	Gojjam	"
08	Beica	Wellega	"
09	Dembidollo	Wellega	"
10	Dessie	Wollo	"
11	Gambella	Illubabor	"
12	Goba	Bale	"
13	Gode	Hararghe	"
14	Gonder	Gonder	"
15	Humera	Gonder	"
16	Jimma	Keffa	"
17	Mekele	Tigray	"
18	Mekane Selam	Wollo	"
19	Massawa	Eritrea	"
20	Metema	Gonder	"
21	Shire	Tigray	"
22	Kebri Daher	Hararghe	"
23	Kelafu	Hararghe	"
24	Waka	Keffa	"

TABLE A7: INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS, 1984/85*

A I R P O R T (NAME)	A I R C R A F T M O V E M E N T											
	SCHEDULED			NON SCHEDULED**			OTHERS***			T O T A L		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
Bole (Addis Ababa)	1,993	1,994	3,987	573	440	1,013	489	444	933	3,055	2,878	5,933
Yilma Abatena, Dej. (Dire Dawa)	437	438	875	-	-	-	122	122	244	559	560	1,119
Yohannes IV (Asmara)	76	77	153	-	-	-	169	169	338	245	246	491
T O T A L	2,506	2,509	5,015	573	440	1,013	780	735	1,515	3,859	3,684	7,543

TABLE A7: (CONT'D), 1985/86*

A I R P O R T (NAME)	A I R C R A F T M O V E M E N T											
	SCHEDULED			NON SCHEDULED**			OTHERS***			T O T A L		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
Bole (Addis Ababa)	1,608	1,609	3,217	279	217	496	228	212	440	2,115	2,038	4,153
Yilma Abatena, Dej. (Dire Dawa)	394	395	789	20	19	39	-	-	-	414	414	828
Yohannes IV (Asmara)	64	65	129	145	144	289	-	-	-	209	209	418
T O T A L	2,066	2,069	4,135	444	380	824	228	212	440	2,738	2,661	5,399

* Year Ending July 7

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

*** Others: Test, Training, Research and Forced return due to mechanical failures.

Source: Civil Aviation Authority.

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

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1984/85*	3,479	76,167	70,455	146,622	7,438,176	8,687,021	16,125,197	168,415	359,840	528,255
1985/86*	3,194	94,339	87,297	181,636	13,941,200	20,717,900	34,659,100	150,500	309,000	459,500

* Year Ending July 7
 Source: Civil Aviation Authority.

99

1981/82*	4,038	74,035	76,777	20,514	171,326	2,954,158	2,462,272	7,416,430	340,550	120,018	460,568
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
1984/85*	3,987	82,193	86,519	...	168,712	8,589,746	3,807,641	12,397,387	649,507	369,188	1,018,695
1985/86*	3,217	80,334	83,212	...	163,546	9,229,600	4,788,400	14,018,000	678,200	308,700	986,900

TABLE A2: BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT INTERNATIONAL TRAFFIC SCHEDULED

67

YEAR	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL (KG.) c		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1981/82*	4,038	74,035	76,777	20,514	171,326	2,954,158	2,462,272	7,416,430	340,550	120,018	460,568
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
1984/85*	3,987	82,193	86,519	...	168,712	8,589,746	3,807,641	12,397,387	649,507	369,188	1,018,695
1985/86*	3,217	80,334	83,212	...	163,546	9,229,600	4,788,400	14,018,000	678,200	308,700	986,900

* Year Ending July 7
 Source: Civil Aviation Authority

YEAR	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL (KG.) c		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
1981/82*	4,038	74,035	76,777	20,514	171,326	2,954,158	2,462,272	7,416,430	340,550	120,018	460,568
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
1984/85*	3,987	82,193	86,519	...	168,712	8,589,746	3,807,641	12,397,387	649,507	369,188	1,018,695
1985/86*	3,217	80,334	83,212	...	163,546	9,229,600	4,788,400	14,018,000	678,200	308,700	986,900

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
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
1984/85*	2,805	58,540	60,816	119,356	7,454,383	3,235,194	10,689,577	539,531	362,652	902,183
1985/86*	2,405	62,091	64,180	126,271	7,908,100	4,309,000	12,217,100	571,400	287,600	859,100

TABLE A10: (CONT'D)

YEAR	AIRCRAFT MOVEMENT	OTHER AIR LINES								
		PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1984/85*	1,182	23,653	25,703	49,356	1,135,363	572,477	1,707,840	109,976	6,536	116,512
1985/86*	812	18,243	19,032	37,275	1,321,500	479,400	1,800,900	106,700	21,100	127,800

* Year Ending July 7
Source: Civil Aviation Authority.

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

YEAR	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1984/85*	1,985	35,410	37,874	73,284	8,487,668	6,530,784	15,018,452	351,265	168,822	520,087
1985/86*	3,141	44,483	45,931	90,414	20,258,600	12,539,800	32,798,400	283,000	149,400	432,400

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
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
1984/85*	153	3,046	2,931	...	5,977	76,404	14,604	91,008	5,088	1,322	6,410
1985/86*	129	3,561	3,313	...	6,874	200,000	91,000	291,000	14,400	1,700	16,100

* Year Ending July 7

Source: Civil Aviation Authority.

TABLE A13: ASSAB DOMESTIC AIRPORT DOMESTIC TRAFFIC SCHEDULED

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1984/85*	3,344	2,791	6,135	48,480	19,087	67,567	1,131	486	1,617
1985/86*	6,231	5,190	11,421	66,700	19,500	86,200	2,900	1,800	4,700

* Year Ending July 7

Source: Civil Aviation Authority.

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

YEAR	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1984/85*	26,771	31,532	58,303	178,349	942,026	1,120,375	2,328	225	2,553
1985/86*	34,642	40,443	70,085	341,800	1,442,900	1,784,700	1,800	1,500	3,300

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
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	1,380,678	-	-	-
1983/84*	1,422	2,787	4,209	81,484	1,619,100	1,700,584	-	-	-
1984/85*	800	1,802	2,602	87,412	1,369,647	1,457,059	-	68	68
1985/86*	1,378	3,233	4,611	598,000	1,587,800	2,185,800	400	-	400

* Year Ending July 7

Source: Civil Aviation Authority.

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

YEAR*	I N E T H I O P I A						TOTAL	A B R O A D						GRAND TOTAL	
	ETHIOPIANS			FOREIGNERS				ETHIOPIANS			FOREIGNERS				TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total		
1981/82	...	...	2,544	-	-	-	2,544	...	...	75	...	...	321	396	2,940
1982/83	...	...	2,648 ²	-	-	-	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
1984/85	2,344	501	2,845	-	-	-	2,845	82	10	92	211	86	297	389	3,234
1985/86	2,472	511	2,983	-	-	-	2,983	82	10	92	211	94	305	397	3,380

72

* Year Ending June 30
 2 Including 89 Employees of Admas Air Service
 Source: Ethiopian Airlines

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

CONTINENT	Y E A R*														
	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Africa**	2,754	...	...	2,854	2,442	530	2,972	2,523	547	3,070	2,649	566	3,215
(Ethiopia)	(2,544)	...	...	(2,648) ²	(2,273)	(480)	(2,753)	(2,344)	(501)	(2,845)	(2,472)	(511)	(2,983)
North and South America	13	...	...	15	5	6	9	3	6	9	2	5	7
Asia and Middle East	38	...	...	45	37	9	46	37	10	47	39	12	51
Europe	135	...	...	90	67	31	98	74	34	108	75	32	107
Grand Total	2,940	...	...	3,004	2,549	576	3,125	2,637	597	3,234	2,765	615	3,380

* Year Ending June 30

** Including Ethiopia

2 Including 89 Employees of Idmas Air Service.

Source: Ethiopian Airlines.

TABLE A18: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SALARY GROUP, SEX AND NATIONALITY*

SALARY GROUP	1984/85							1985/86						
	ETHIOPIANS			FOREIGNERS			GRAND TOTAL	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total	
50 - 149	84	7	91	1	1	2	93	129	5	134	14	1	15	149
150 - 249	228	22	250	24	3	27	277	243	14	257	12	2	14	271
250 - 349	299	35	334	18	4	22	356	187	31	218	13	5	18	236
350 - 449	249	125	374	14	4	18	392	314	57	371	18	8	26	397
450 - 549	225	78	303	15	3	18	321	300	123	423	11	6	17	440
550 - 649	347	80	427	10	9	19	446	346	71	417	10	6	16	433
650 - 749	304	84	388	16	6	22	410	346	69	415	13	1	14	429
750 - 849	153	26	179	11	4	15	194	186	33	219	2	2	4	223
850 - 949	110	23	133	13	6	19	152	117	13	130	4	6	10	140
950 - 1049	66	7	73	12	4	16	89	63	8	71	8	6	14	85
1050 - 1149	51	6	57	9	8	17	74	73	8	81	8	3	11	92
1150 - 1249	47	5	52	10	5	15	67	63	9	72	7	3	10	82
1250 - 1349	32	4	36	8	2	10	46	33	3	36	4	1	5	41
1350 - 1449	35	2	37	6	1	7	44	59	-	59	6	1	7	66
1450 - 1549	18	-	18	3	2	5	23	12	-	12	5	-	5	17
1550 and above	178	7	185	41	24	65	250	179	10	189	60	30	90	279
TOTAL	2,426	511	2,937	211	86	297	3,234	2,650	454	3,104	195	81	276	3,380

* Year Ending June 30

Source: Ethiopian Airlines.

74

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

ADMINISTRATIVE REGION	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
ARSSI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALE	9	...	...	9	...	...	10	8	-	8	7	-	7
ERITREA	108	...	...	112	...	...	103	89	11	100	66	11	77
GAMO GOFA	3	...	...	3	...	...	3	3	-	3	3	-	3
GOJJAM	6	...	...	6	...	...	7	7	-	7	6	-	6
GONDAR	8	...	...	11	...	...	12	17	-	17	13	-	13
HARARGHE	23	...	...	28	...	...	31	35	1	36	39	2	41
ILLUBABOR	3	...	...	3	...	...	3	3	-	3	6	-	6
KEPPA	18	...	...	18	...	...	18	19	-	19	15	-	15
SIDAMO	1	...	...	1	...	...	1	1	-	1	1	-	1
SHENWA	2,333	...	...	2,423	...	...	2,529	2,124	489	2,613	2,275	498	2,773
TIGRAI	14	...	...	13	...	...	15	13	-	13	11	-	11
WELLEGA	7	...	...	7	...	...	8	8	-	8	7	-	7
WELLO	11	...	...	14	...	...	13	17	-	17	16	-	16
ASSAB ADMINISTRATION	-	-	-	-	-	-	-	-	-	-	-	-	7	-	7
GRAND TOTAL	2,544	...	...	2,648	...	...	2,753	2,344	501	2,845	2,472	511	2,983

* Year Ending June 30

Source: Ethiopian Airlines.

75

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

O C C U P A T I O N	Y E A R*														
	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Flying	279	...	...	306	...	...	329	194	149	343	...	...	...
a) Cabin attendants	155	...	...	199	...	...	199	54	149	203	...	...	...
i) Flying Hostess	89	...	...	137	...	...	137	-	121	121	-	119	119
ii) Flying Purser	20	...	...	20	...	...	20	21	-	21	20	-	20
iii) Flying Attendants	16	...	...	13	...	...	13	25	-	25	25	-	25
iv) International P/Sup.	7	...	...	7	...	...	7	3	10	13	2	11	13
v) Lead Cabin and Crews	23	...	...	22	...	...	22	5	18	23	6	17	23
b) Pilots	124	...	...	107	...	...	130	140	-	140	-	-	-
i) Captains	49	...	...	51	...	...	68	63	-	63	67	-	67
ii) First Officers	43	...	...	43	...	...	36	53	-	53	59	-	59
iii) Second Officers	29	...	...	12	...	...	9	8	-	8	13	-	13
iv) Adm'n Officers	3	...	...	1	...	...	1	-	-	-	-	-	-
v) Flight Engineers	-	-	-	-	-	-	16	16	-	16	16	-	16
Traffic and Sales Personnel	992	...	...	1,135	...	...	967	812	203	1,015	846	210	1,056
Maintenance and O'haul	1,123	...	...	1,197	...	...	1,264	1,198	128	1,326	1,277	152	1,429
Others	546	...	...	366	...	...	565	433	117	550	434	106	540
T O T A L	2,940	...	...	3,004	...	...	3,125	2,777	597	3,374	2,765	615	3,380

* Year Ending June 30

Source: Ethiopian Airlines.

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

Category	Type of Aircraft	1981/82			1982/83			1983/84			1984/85			1985/86		
		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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	International B707-320C	1	-	1	1	-	1	1	1	2	1	1	2	2	-	2
	Stratoliner 720 - B	5	-	5	5	-	5	5	-	5	5	-	5	5	-	3
	TOTAL	6	-	6	6	-	6	7	1	8	7	1	8	5	-	5
Tri - Engines	Boeing 727 - 260	3	-	3	3	-	3	3	-	3	-	-	3	3	-	3
	" 737	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
2 Engines	Boeing 767 - 260	-	-	-	-	-	-	2	-	2	2	-	2	2	1	3
	Douglas DC -3/C - 47	9	-	9	11	-	11	10	-	10	10	-	10	9	-	9
	Light Aircraft	-	-	-	-	-	-	4	-	4	-	-	-	-	-	-
	ATR - 42	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
	Dash - 5	2	-	2	2	-	2	2	-	2	2	-	2	2	-	2
	Dash - 6	-	-	-	-	-	-	-	-	-	5	-	5	6	-	6
	TOTAL	11	-	11	13	-	13	18	-	18	19	-	19	19	3	22
	GRAND TOTAL	20	-	20	22	-	22	28	1	29	29	1	30	27	5	32

* Year Ending June 30

Sources: Ethiopian Airlines.

TABLE A22: DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS,
1981/82*

TO \ FROM	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	110,485

TABLE A22: (CONT'D), 1982/83*

TO \ FROM	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

N.B. ADD = Addis Ababa
 ASA = Assab
 ASM = Asmara
 DIR = Dire Dawa
 JIM = Jimma

TABLE A22: (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
TOTAL	49,631	2,784	34,305	17,716	2,783	44,154	151,373

TABLE A22: (CONT'D), 1984/85*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	2,097	16,166	14,814	1,074	15,849	50,000
ASA	1,797	-	943	4	-	28	2,772
ASM	18,183	1,287	-	32	-	9,872	29,374
DIR	17,062	3	48	-	-	506	17,619
JIM	1,073	-	-	-	-	1,743	2,816
OTHERS	15,789	19	8,906	626	1,594	16,519	43,453
TOTAL	53,904	3,406	26,063	15,476	2,668	44,517	146,034

TABLE A22: (CONT'D), 1985/86*

TO \ FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	3,742	29,372	30,963	1,275	22,204	87,556
ASA	3,462	-	1,613	4	-	111	5,190
ASM	29,359	1,523	-	334	-	13,797	45,013
DIR	37,595	-	516	-	-	2,338	40,449
JIM	1,613	-	-	-	-	2,489	4,102
OTHERS	22,305	55	13,030	2,982	2,513	23,919	64,804
TOTAL	94,334	5,320	44,531	34,283	3,788	64,858	247,114

* Year Ending June 30.

Source: Ethiopian Airlines.

TABLE A23: DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS, 1981/82*

TO FROM	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	-	9	43	147
TOTAL	1,299	39	2,475	87	20	163	4,083

TABLE A23: (CONT'D), 1982/83*

TO FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	10	1,403	139	420	64	2,036
ASA	23	-	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 A23: (CONT'D), 1983/84*

TO FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	7	2,523	457	11	65	3,063
ASA	19	-	20	2	-	1	43
ASM	3,957	3	-	1	-	29	3,990
DIR	126	-	-	-	-	-	126
JIM	10	-	-	-	-	1	11
OTHERS	58	-	1	3	5	288	355
TOTAL	4,170	10	2,544	463	16	384	7,588

TABLE A23: (CONT'D), 1984/85*

TO FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	37	5,779	98	10	80	6,004
ASA	7	-	12	-	-	-	19
ASM	5,766	11	1	8	-	16	5,802
DIR	522	-	34	-	-	2	558
JIM	14	-	-	-	-	2	16
OTHERS	52	3	45	-	1	25	126
TOTAL	6,361	51	5,871	106	11	125	12,525

TABLE A23: (CONT'D), 1985/86*

TO \ FROM	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	55	19,945	339	9	1,222	21,570
ASA	8	-	11	-	-	-	19
ASM	12,256	11	-	1	-	77	12,345
DIR	1,398	-	216	-	-	5	1,619
JIM	6	-	-	-	-	13	19
OTHERS	57	1	49	-	2	9	118
TOTAL	13,725	67	20,221	340	11	1,326	35,690

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A24: DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS, 1981/82*

TO FROM	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 A24: (CONT'D), 1982/83*

TO FROM	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 A24: (CONT'D), 1983/84*

TO / FROM	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

TABLE A24: (CONT'D), 1984/85*

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

TABLE A24: (CONT'D), 1985/86*

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

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A25: REVENUE OF ETHIOPIAN AIRLINES BY SOURCE*

SOURCE	InN M I L L I O N B I R R.				
	1981/82	1982/83	1983/84	1984/85	1985/86
Passengers	153	160	161	184	212
Freight	30	30	33	50	69
Charter	37	38	33	29	33
Mail	2	2	3	4	5
Excess Baggage	10	11	10	13	11
Commission	4	4	3	4	5
Miscellaneous Services	5	13	20	20	48
T O T A L	241	258	263	304	383

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A26: EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE*

P U R P O S E	I N M I L L I O N B I R R				
	1981/82	1982/83	1983/84	1984/85	1985/86
Salaries and Pension	33	34	33	35	40
Travel Expenses	8	8	8	8	3
Aviation Gas Oil	93	87	82	87	90
Air Craft Material	6	6	9	8	11
Handling Fees of Aircraft and Landing	18	17	19	26	32
Commission Expenses	17	16	14	18	20
Advertising and Publicity	2	2	2	3	3
Insurance	9	7	6	13	16
Depreciation	16	21	20	41	47
Interest Expenses-net	14	13	15	33	30
Service and Miscellaneous Expenses	25	12	31	9	62
Other non-operating Items	(3)	-	(16)	(7)	15
T O T A L	241	223	239	281	369

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A27: ETHIOPIAN AIRLINES OPERATING STATISTICS.

I T E M	1981/82	1982/83	1983/84	1984/85	1985/86
Average-km. per passenger					
International	2,637	2,698	2,699	3,152	3,118
Domestic	370	381	419	386	395
Average	2,216	2,214	2,096	2,246	2,146
Revenue Passenger Km. ('000)					
International	712,742	739,541	743,565	880,723	1,018,286
Domestic	65,906	27,501	41,531	63,528	72,316
Total	778,648	767,042	785,096	944,251	1,090,602
Revenue Freight Carried(In Tons)					
International	9,240	844	12,120	16,827	27,640
Domestic	2,150	200	4,695	12,525	29,717
Total	11,390	1,064	16,815	29,352	57,357
Revenue Freight Ton-km.('000)					
International	23,035	22,898	28,949	49,918	57,433
Domestic	1,440	1,664	3,282	8,643	20,558
Total	24,475	24,562	32,231	58,561	77,991
Revenue Plan-Km. ('000)	15,008	1,265,533	197,120	17,957	20,607
Pay Load Factor (%)	54.7	63	54.5	55.7	53.7

* Year Ending June 30

Source: Ethiopian Airlines.

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

AIR PORTS	Assab	Bole	Yilma Abatena (Dire Dawa)	Jimma	Yohannes IV
Assab	-	777.6	391.2	866.2	470.1
Bole	777.6	-	349.4	257.6	701.9
Dire Dawa	391.2	349.4	-	701.9	748.7
Jimma	866.2	257.6	701.9	-	861.3
Yohannes IV	470.1	701.9	748.7	861.3	-

Source: Ethiopian Airlines.

Postal Service Statistics

The expansion of postal services means an improvement in the communications infrastructures. But the development of postal services in Ethiopia is at its early stage due to economic and other constraints, thus keeping a large portion of the population out of the reach of postal services.

To overcome the constraint the Ethiopian Postal Service Authority is exerting efforts to expand branch offices in the country. The total number of postal offices in the country is shown in Table P1. In 1984/85 there were 480 post offices in the country, but in 1985/86 the number of post offices slightly declined to 478 as compared to the preceding year.

As shown in Tables P2 and P3 the total number of employees increased from 933 in 1983/84 to 978 in 1984/85 and further to 1033 in 1985/86. In 1985/86 the number of employees increased by 18.5 percent as compared to the level in 1981/82.

In 1985/86 the number of post boxes in the country was 38,669 of which 55 percent was in Addis Ababa. The number of mail boxes has been rising since 1983/84.

Details of mail traffic is shown in Table P5. A total of 32,540,200 letters and parcels were handled in 1985/86 out of which over 71 percent were accounted for domestic letters and parcels.

Tables P6 and P7 deal with the financial Condition of the Postal Service Authority. Sales of postage stamps and income from international mails are the most important sources of revenue for the Ethiopian Postal Service Authority in that order.

FIG.19 NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA

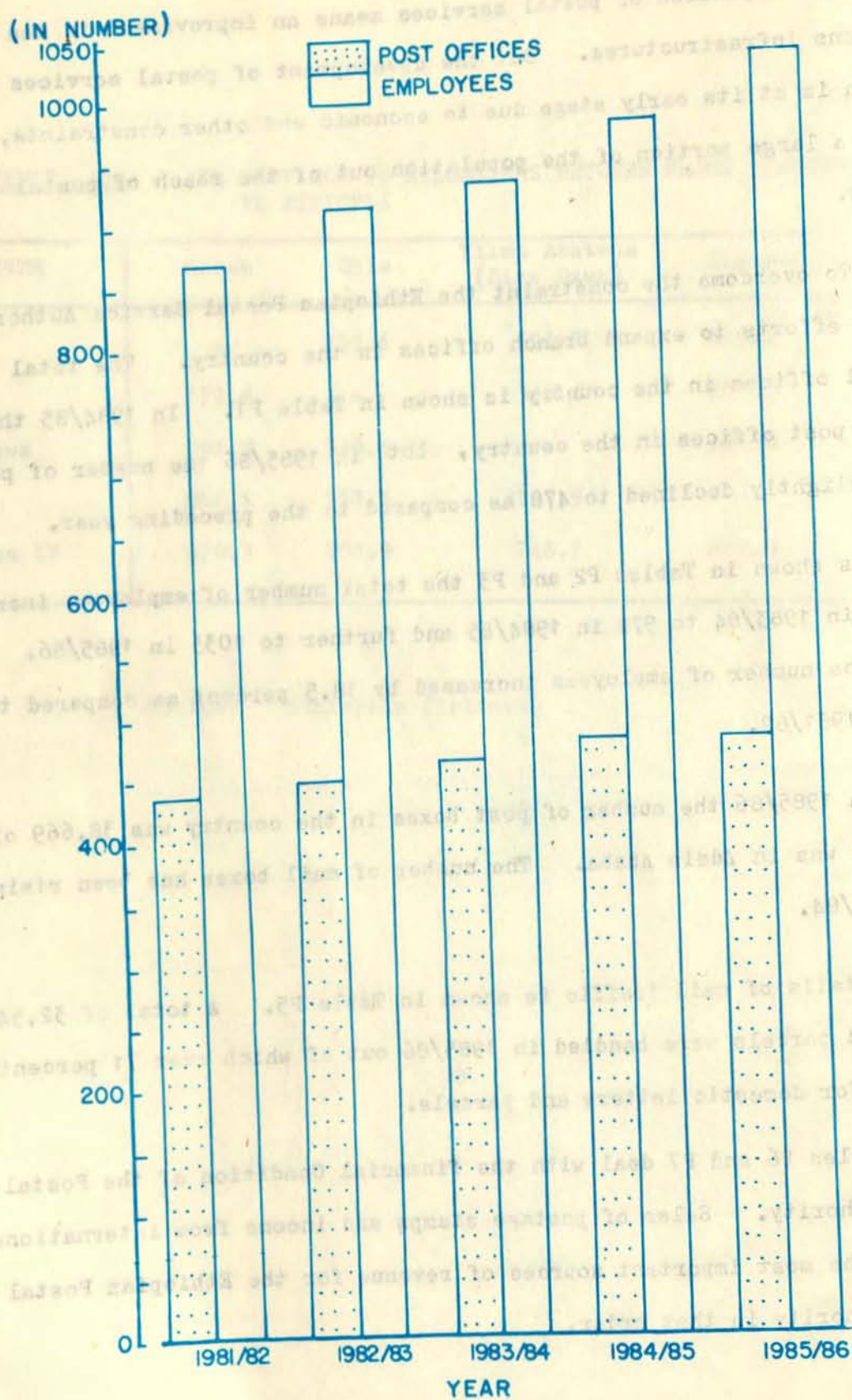


TABLE P1: NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	NUMBER OF POST OFFICES				
	1981/82	1982/83	1983/84	1984/85	1985/86
Addis Ababa	...	...	...	...	38
Arssi	13	13	13	14	10
Bale	11	11	12	12	14
Eritrea	32	37	38	39	41
Game Gofa	9	10	11	11	11
Gojjam	19	20	23	23	24
Gondar	31	29	31	33	28
Hararghe	50	53	55	56	59
Illubabor	13	13	13	13	16
Keffa	24	23	25	25	24
Shewa	113	110	112	121	80
Sidamo	30	30	33	33	33
Tigray	22	28	18	18	21
Wellega	27	29	31	31	29
Wello	45	41	50	50	49
Assab Administration	1	1	1	1	1
T O T A L	440	448	466	480	478

* Year Ending July 7

Source: Postal Service Authority.

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

ADMINISTRATIVE REGION	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Addis Ababa	242	...	...	...	...	...	...	...	...	...	408	144	552
Arssi	7	...	...	8	7	1	8	7	1	8	7	1	8
Bale	7	...	...	8	7	1	8	8	1	9	7	1	7
Eritrea	103	...	...	102	91	13	104	90	14	104	88	18	106
Gamo Gofa	7	...	...	7	6	1	7	3	1	4	4	1	5
Gojjam	14	...	...	14	15	1	16	16	1	17	15	3	18
Gondar	19	...	...	21	16	3	19	19	3	22	19	4	23
Hararghe	51	...	...	56	42	10	52	47	15	62	52	17	69
Illubabor	17	...	...	16	15	1	16	19	1	20	15	1	16
Keffa	23	...	...	19	17	4	21	23	6	29	27	8	35
Shewa	533	...	...	561	449	134	583	451	141	592	50	10	60
Sidama	17	...	...	26	22	2	24	23	9	32	42	8	50
Tigray	28	...	...	26	24	2	24	21	2	23	24	3	27
Wellega	17	...	...	22	18	3	21	19	5	24	19	6	25
Wello	20	...	...	24	21	2	23	21	3	24	20	3	23
Assab Administration	8	...	...	6	5	2	7	6	2	8	7	2	9
T O T A L	871	...	...	916	755	178	933	773	205	978	804	229	1,033

* Year Ending July 7

Sources: Postal Service Authority.

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

SALARY GROUP	1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	172	67	239	154	67	221	139	45	184
150 - 249	237	65	302	248	82	330	264	125	389
250 - 349	148	21	169	156	35	191	167	32	199
350 - 449	81	20	101	93	16	109	117	17	134
450 - 549	82	3	85	64	1	65	61	4	65
550 - 649	18	2	20	29	4	33	29	5	34
650 - 749	4	-	4	12	-	12	10	1	11
750 - 849	9	-	9	12	-	12	13	-	13
850 - 949	1	-	1	1	-	1	-	-	-
950 - 1049	2	-	2	3	-	3	3	-	3
1050 - 1149	-	-	-	-	-	-	-	-	-
1150 - 1249	-	-	-	-	-	-	-	-	-
1250 - 1349	1	-	1	1	-	1	4	-	1
1350 and above	-	-	-	-	-	-	-	-	-
T O T A L	755	178	933	773	205	978	804	229	1,033

* Year Ending July 7

Source: Postal Service Authority.

TABLE P4: NUMBER OF MAIL AND POST BOXES BY ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	1983/84		1984/85		1985/86	
	Mail Boxes	Post Boxes	Mail Boxes	Post Boxes	Mail Boxes	Post Boxes
Addis Ababa	86	18,010	96	19,530	90	21,270
Arssi	7	520	7	520	7	520
Assab Adm.	4	385	4	385	4	385
Bale	5	100	5	100	7	100
Eritrea	64	2,349	64	2,641	64	2,641
Gamo Gofa	5	360	5	360	5	360
Gojjam	5	824	5	824	14	1,034
Gondar	31	350	31	350	45	630
Hararghe	39	1,997	44	2,137	77	2,207
Illubabor	8	580	8	580	6	580
Keffa	17	1,043	17	1,043	19	1,163
Shewa	44	3,280	44	3,280	48	3,510
Sidamo	12	1,480	12	1,480	25	1,480
Tigrai	22	978	22	978	22	978
Wellega	11	735	11	735	11	735
Wello	23	656	23	656	23	1,076
T O T A L	383	33,647	398	35,599	467	38,669

* Year Ending July 7

Source: Postal Service Authority.

TABLE P5: NUMBER OF MAILS HANDLED BY TYPE OF MAIL TRAFFIC*

MAIL TRAFFIC	NUMBER OF MAILS				
	1981/82	1982/83	1983/84	1984/85	1985/86
A. Domestic Mail					
Letters	18,474,100	19,218,300	19,743,300	22,131,500	23,156,700
Parcels	25,000	23,200	30,800	60,600	60,600
Total	18,499,100	19,241,500	19,774,100	22,192,100	23,217,300
B. International Mail					
I. Incoming International					
Letters	3,528,900	3,757,300	4,012,800	5,055,800	5,155,400
Parcels	70,400	43,500	79,000	76,400	82,100
Total	3,599,300	3,800,800	4,091,800	5,132,200	5,237,500
II. Outgoing International					
Letters	2,158,200	3,969,200	3,988,200	4,033,400	4,077,000
Parcels	6,400	4,900	8,000	14,600	8,400
Total	2,164,600	3,974,100	3,996,200	4,048,000	4,085,400
GRAND TOTAL	24,263,000	27,016,400	27,962,100	31,372,300	32,540.2

* Year Ending July 7

Source: Postal Service Authority.

TABLE P6: REVENUE OF POSTAL SERVICE AUTHORITY BY SOURCE*

(IN '000 BIRR)

S O U R C E	1983/84	1984/85	1985/86
Sales of Postage Stamps	4,051.7	4,580.8	4,311.5
Income from International Mail	1,293.9	1,306.2	1,553.1
Parcel Post Receipt	802.0	1,024.6	867.0
Post Box Rentals and Key Sales	446.0	469.9	619.4
Postage Meter Machine	283.0	273.2	386.1
Money and Postal Order Commission	64.2	73.4	61.4
Miscellaneous Revenue	151.5	222.0	369.0
T O T A L	7,092.3	7,950.1	8,167.5

TABLE P7: EXPENDITURE OF POSTAL SERVICE AUTHORITY BY PURPOSE*

(IN '000 BIRR)

P U R P O S E	1983/84	1984/85	1985/86
Salaries and Wages	3,450.1	3,702.9	3,541.6
Conveyance of Mail	570.2	715.1	703.5
Depreciation	515.0	543.4	673.3
Printing of Postage Stamps	765.2	295.9	593.5
Stored Items Consumed	402.2	154.3	370.7
Miscellaneous Expenditure	1,012.4	1,532.3	1,292.2
T O T A L	6,715.1	6,943.9	7,174.8

* Year Ending July 7

Source: Postal Service Authority.

Telecommunications Statistics

The earth satellite station located around 17 kms. north-west of Addis Ababa and equipped with the modern radio and television receivers gives impetus to the improvement in telephone and telex lines and other communications network. The Ethiopian Telecommunications Authority is expanding communications services within the country and to the rest of world. The progress made in this regard 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 Authority and number of telephone calls.

The Authority in 1985/86 employed 5,295 persons of which 1,763 were females. This showed increases of 470 and 107 employees or 9.7 percent and 2.1 percent over 1981/82 and 1984/85, respectively. The number of employees in Addis Ababa has accounted for 51.2 percent of the total in 1985/86. It should be noted that the number of employees engaged in Addis Ababa is not included in Shoa Administrative Region as in the previous years.

Telephone lines and apparatus have fairly increased numerically. As shown in Table T4 the lines and apparatus in 1985/86 increased by 38.4 percent and 29.2 percent from the levels in 1981/82 reaching 103186 and 126362, respectively. Between 1981/82 and 1985/86 Addis Ababa had the largest share with 55.9 percent of lines and 60.2 percent of apparatus in 1981/82 and 60.1 percent of lines and 62.7 percent of apparatus in 1985/86.

The number of public telephones (coin box telephones) has shown a slight increase during the 1981/82 - 1985/86 period, except in 1984/85, in which it showed a decrease of 1.2 percent compared to 1983/84. In 1985/86 the largest share, 70.8 percent, went to Addis Ababa. The number of telephones in 1985/86 per thousand population was 2.8, this figure for Addis Ababa was 51.9.

The financial operations of the Ethiopian Telecommunications Authority are shown in Tables T8 and T9. Financially the Authority had done reasonably well showing a year to year increase in revenue reaching Birr 109.2 million in 1985/86 of which 45 percent was collected from urban telephones. The Authority's expenditure in 1985/86 was Birr 85.1 million, 14.4 percent higher than that of 1984/85, of which 22.7 percent was made available to salaries and wages compared with 24.6 percent in the preceding year. In 1985/86 it made a profit of Birr 24.2 million, 71.3 percent higher than that of 1984/85.

Fig.20 NUMBER OF TELEPHONES IN USE IN ETHIOPIA

(IN '000)

TELEPHONE LINES
TELEPHONE APPARATUS

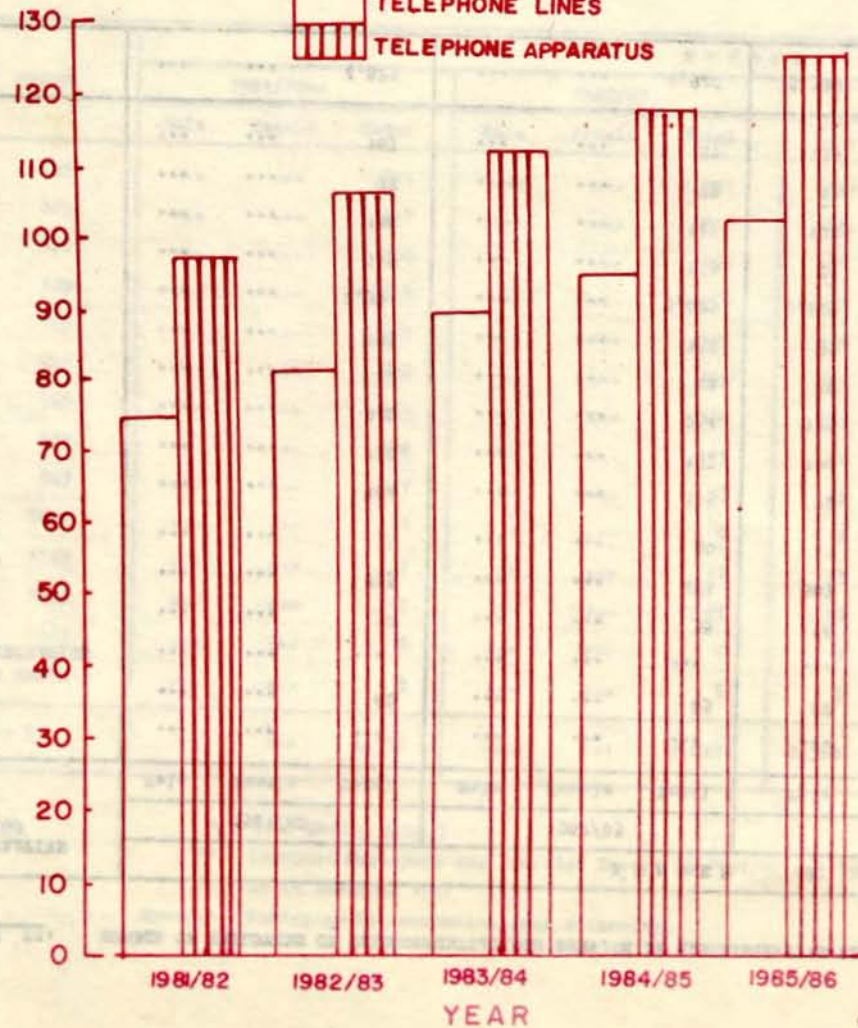


Fig.21 NUMBER OF TELEPHONES IN USE IN ADDIS ABABA

(IN '000)

TELEPHONE LINES
TELEPHONE APPARATUS

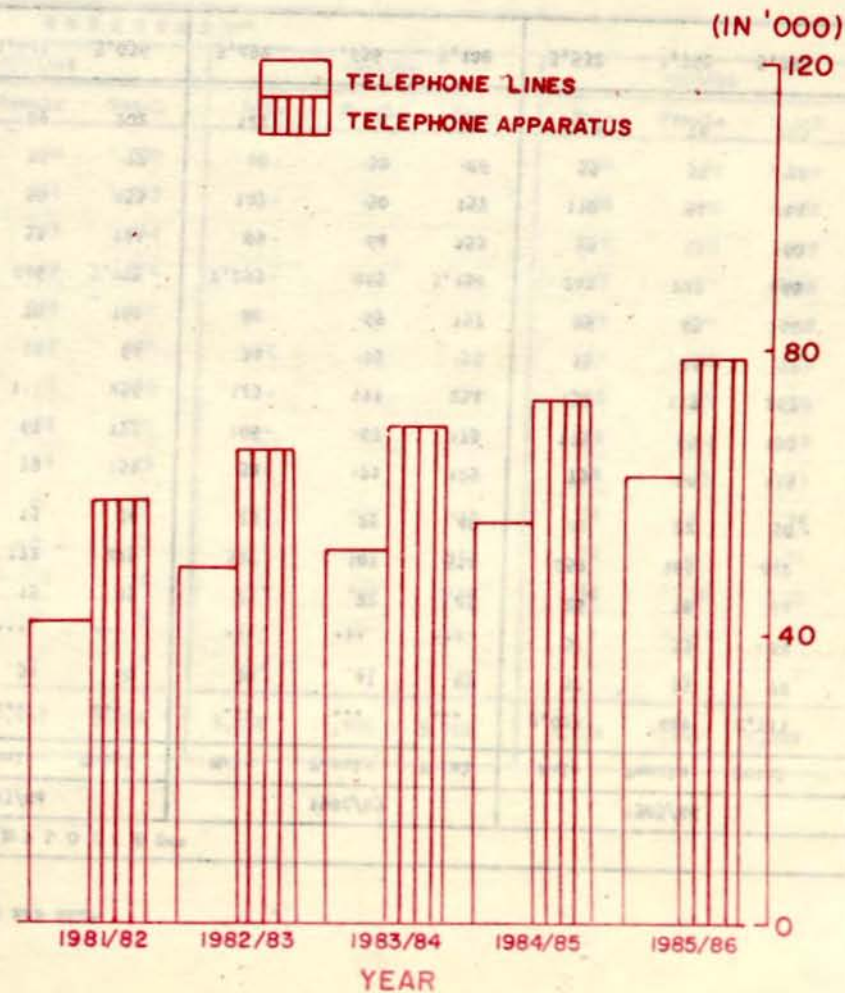


TABLE T1: NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS SERVICE BY ADMINISTRATIVE REGION AND SEX*

ADMINISTRATIVE REGION	NUMBER OF EMPLOYEES**														
	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
ADDIS ABABA	2,023	688	2,711
ARSSI	62	...	...	65	22	38	60	28	41	69	37	35	72
ASSAB ADMINISTRATION	51	33	84
BALE	30	...	...	35	16	19	35	21	22	43	26	18	44
ERITREA	473	...	...	493	307	172	479	327	187	514	259	183	442
GAMO GOFA	35	...	...	40	13	13	26	23	25	48	28	22	50
GOJJAM	104	...	...	115	72	79	151	58	71	129	75	60	135
GONDAR	152	...	...	167	106	67	173	106	67	173	115	65	180
HARARGEHE	248	...	...	254	145	111	256	143	111	254	150	117	267
ILLUBABOR	42	...	...	48	40	24	64	34	19	53	35	24	59
KEFFA	157	...	...	158	91	70	161	88	69	157	99	63	162
SHEWA	2,991	...	...	3,025	2,229	846	3,075	2,293	865	3,158	241	227	468
SIDAMO	119	...	...	135	71	53	124	89	64	153	99	61	160
TIGRAI	148	...	...	145	103	50	153	107	50	157	110	54	164
WELLEGA	77	...	...	79	41	36	77	48	38	86	55	37	92
WELLO	187	...	...	181	133	69	202	127	67	194	129	76	205
TOTAL	4,825	...	...	4,940	3,389	1,647	5,036	3,492	1,696	5,188	3,532	1,763	5,295

* Year Ending July 7

** Contract Employees are Included in 1981/82

Source: Ethiopian Telecommunications Authority.

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

SALARY GROUP	NUMBER OF EMPLOYEES**														
	1981/82++			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	1,641	...	...	1,511	830	470	1,300	...	...	...	700	488	1,188
150 - 249	917	...	...	911	754	361	1,115	...	...	...	902	400	1,302
250 - 349	560	...	...	803	551	303	854	...	...	...	613	276	889
350 - 449	595	...	...	531	427	149	576	...	...	...	447	175	622
450 - 549	510	...	...	529	299	268	567	...	...	...	325	331	656
550 - 649	124	...	...	193	204	57	261	...	...	...	191	56	247
650 - 749	89	...	...	136	135	23	158	...	...	...	169	29	198
750 - 849	104	...	...	113	98	14	112	...	...	...	85	4	89
850 - 949	47	...	...	47	42	1	43	...	...	...	48	3	51
950 - 1049	10	...	...	9	12	-	12	...	...	...	14	-	14
1050 - 1149	13	...	...	12	13	-	13	...	...	...	12	-	12
1150 - 1249	17	...	...	15	10	1	11	...	...	...	14	1	15
1250 - 1349	6	...	...	7	9	-	9	...	...	...	5	-	5
1350 and above	5	...	...	5	5	-	5	...	...	...	7	-	7
TOTAL	4,638	...	...	4,822	3,389	1,647	5,036	3,492	1,696	5,188	3,532	1,763	5,295

* Year Ending July 7

** Contract Employees are Included Except in 1981/82 and 1982/83.

++ As at December 1981

Source: Ethiopian Telecommunications Authority.

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

OCCUPATION	1981/82			1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Managerial Personnel	45	...	...	42	46	1	47	49	1	50	189	4	193
Technical Personnel	1,557	...	...	1,548	1,574	15	1,589	1,678	14	1,692	1,784	18	1,802
Traffic Personnel	1,464	...	...	1,557	406	1,179	1,585	395	1,201	1,596	395	1,228	1,623
Administrative Personnel	829	...	...	864	609	277	886	648	300	948	544	317	861
Others	930	...	...	929	754	175	929	722	180	902	620	196	816
TOTAL	4,825	...	...	4,940	3,389	1,647	5,036	3,492	1,696	5,188	3,532	1,763	5,295

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

TABLE T4:

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

YEAR*	A R S S I				B A L E				E R I T E R E A			
	Assela		Other Towns		Goba		Other Towns		Asmara		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1981/82	340	535	261	263	245	287	186	190	9,214	11,514	1,971	2,485
1982/83	339	551	299	301	255	329	208	237	9,141	11,564	2,391	3,026
1983/84	379	574	292	297	283	360	242	274	9,817	12,086	2,804	3,458
1984/85	390	585	301	306	347	363	257	271	9,859	12,233	2,908	3,571
1985/86	400	400	299	303	360	376	307	321	9,875	12,298	1,913	2,376

TABLE T4: CONT'D

YEAR*	G A M O G O F A				G O J J A M				G O N D A R			
	Arba Minch		Other Towns		Debre Markos		Other Towns		Gondar		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
1981/82	238	265	54	57	482	581	897	995	923	1,267	603	622
1982/83	253	292	86	89	510	610	1,104	1,199	923	1,268	629	650
1983/84	284	339	104	107	615	715	1,304	1,399	932	1,281	729	750
1984/85	304	325	121	124	659	759	1,359	1,454	974	1,323	814	835
1985/86	354	376	134	137	690	790	1,382	1,477	964	1,313	791	812

TABLE T4: (CONT'D)

YEAR*	H A R A R G H E				I L L U E 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
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
1984/85	939	1,144	3,352	3,825	296	325	344	356	1,439	1,672	743	756
1985/86	943	1,148	3,501	3,975	317	349	350	362	1,434	1,664	777	793

TABLE T4: (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
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
1984/85	55,571	72,824	6,974	7,533	687	731	1,602	1,650	972	1,111	818	844
1985/86	62,008	79,262	7,230	7,879	738	794	1,742	1,790	947	1,097	860	887

TABLE T4: (CONT'D)

YEAR*	W O L L E G A				W E L L O				A S S A B		T O T A L	
	NEKEMTE		OTHER TOWNS		DESSIE		OTHER TOWNS		Line	Apparatus		
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus				
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
1984/85	419	419	628	628	1,447	1,563	1,049	1,213	...	...	95,573	118,743
1985/86	488	488	647	647	1,509	1,654	1,124	1,289	1,102	1,308	103,186	126,362

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

URBAN AREAS	Y E A R *				
	1981/82	1982/83	1983/84	1984/85	1985/86
Addis Ababa	535	583	592	583	606
Asmara	70	74	79	80	80
Dire Dawa	19	19	19	19	19
Jimma	32	32	32	30	30
Harar	12	13	13	12	10
Dessie	16	16	18	19	20
Gondar	16	16	16	10	9
Massawa	5	12	20	20	19
Assab	18	17	17	17	17
Nazreth	10	11	13	18	19
Shashemene	5	5	7	7	7
Awassa	4	4	4	4	4
Mekele	4	4	4	5	5
Bahir Dar	-	9	11	11	11
T O T A L	746	815	845	835	856

* Year Ending July 7

Source : Ethiopian Telecommunications Authority.

TABLE T6: NUMBER OF TELEPHONES AND TELEPHONES PER '000 POPULATION BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	Number of Awarajas	Area In '000 sq. km.	Population in '000		Population per sq.km.		Number of++ Telephones		Telephones per '000 population	
			1984/85	1985/86	1984/85	1985/86	1984/85	1985/86	1984/85	1985/86
Addis Ababa	-	0.2	1,464.9	1,526.5	7,324.5	7,362.5	72,824	79,262	49.7	51.9
Arsai	3	23.7	1,707.5	1,758.0	72.0	74.2	891	703	0.5	0.4
Aesab Administration	1	27.5	92.0	95.1	3.3	3.5	1,221	1,308	13.3	13.8
Bale	5	127.1	1,033.9	1,064.5	8.1	8.4	634	697	0.6	0.7
Eritrea	8	93.7	2,688.0	2,770.5	28.7	29.6	14,583	14,674	5.4	5.3
Gamo Gofa	4	40.3	1,281.7	1,319.2	31.8	32.7	449	513	0.4	0.4
Gojjam	7	61.2	3,333.3	3,431.9	54.5	56.1	2,213	2,267	0.7	0.7
Gondar	7	79.6	3,000.8	3,089.8	37.7	38.8	2,158	2,125	0.7	0.7
Hararghe	13	272.6	4,274.5	4,401.1	15.7	16.1	4,969	5,123	1.2	1.2
Illubabor	5	46.4	990.1	1,019.2	21.3	22.0	681	711	0.7	0.7
Keffa	6	56.6	2,516.7	2,590.7	44.5	45.8	2,428	2,454	1.0	1.0
Shewa	11	85.1	8,311.6	8,855.6	97.7	104.1	7,533	7,879	0.9	0.9
Sidamo	6	119.8	3,893.6	4,008.6	32.5	33.5	2,381	2,584	0.6	0.6
Tigray	8	64.9	2,476.0	2,550.2	38.2	39.3	1,955	1,984	0.8	0.8
Wellega	6	70.5	2,544.3	2,619.0	36.1	37.2	1,047	1,135	0.4	0.4
Wello	12	82.1	3,741.0	3,851.6	45.6	46.9	2,776	2,943	0.7	0.8
TOTAL	102	1,251.3	43,349.9	44,951.50	34.6	35.9	118,743	126,362	2.7	2.8

++ Number of Telephone Apparatus

Source : 1) Ethiopian Telecommunications Authority.

TABLE 77: NUMBER OF INTER-URBAN URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE CAPITAL CITIES, 1981/82*

FROM \ TO	Addis Ababa	Arba Minch	Assela	Asmara	Awassa	Debre Markos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemte
Addis Ababa	-	11,211	21,976	36,408	7,168	31,046	9,326	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
Assela	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 Markos	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	...	...	...	...	...	...	...	...	...	...	...	...	-	...
Nekemte	27,214	60	219	338	180	246	307	76	109	267	773	288	214	-

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

TABLE T7: (CONT'D), 1982/83*

TO FROM	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Markos	Dessie	Goba	Gondar	Harar	Jimma	Nekelle	Mettu	Nekente
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	299	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 Markos	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	158	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
Nekelle	14,734	2	15	10,321	137	174	3,480	3	516	116	205	-	33	14
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nekente	27,200	45	272	776	333	221	302	175	154	489	1,211	242	176	-

TABLE T7: (CONT'D), 1983/84*

TO FROM	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Markos	Dessie	Goba	Gondar	Harar	Jimma	Nekelle	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	21,512
Arba Minch	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 Markos	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
Nekelle	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	-

TABLE T7: (CONT'D), 1984/85*

TO FROM	Addis Ababa	Arba Minch	Assella	Asmara	Awassa	Debre Markos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemte
Addis Ababa	-	16,510	19,504	33,130	6,003	29,500	11,540	11,102	10,427	14,176	13,805	13,945	10,100	23,301
Arba Minch	20,360	-	192	204	2,198	83	106	130	64	89	122	52	27	28
Assella	26,985	83	-	304	180	170	157	428	80	40	144	92	13	30
Asmara	40,108	13	8	-	268	1,800	1,528	171	3,138	570	568	10,342	46	180
Awassa	13,710	938	200	498	-	181	239	73	19	284	222	380	72	101
Debre Markos	32,835	67	231	867	188	-	319	164	3,247	383	242	219	111	106
Dessie	14,243	72	116	1,506	80	175	-	23	198	143	112	1,706	76	75
Goba	17,147	144	398	573	1,072	195	107	-	217	269	142	83	68	45
Gondar	12,114	38	128	3,690	134	1,610	257	38	-	212	124	1,019	26	53
Harar	27,435	45	175	863	331	132	416	93	419	-	342	785	78	69
Jimma	12,752	25	148	543	227	214	286	59	144	292	-	235	2,360	516
Mekelle	17,482	8	20	10,701	206	170	1,782	10	871	560	170	-	43	25
Mettu	19,827	40	133	179	102	198	195	55	198	62	1,772	237	-	203
Nekemte	32,500	58	332	788	910	364	487	243	308	253	918	176	240	-

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

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

TO \ FROM	Addis Ababa	Arba Minch	Asella	Asmara	Awassa	Debre Markos	Dessie	Goba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekente
Addis Ababa	-	17,203	19,800	55,947	8,333	30,110	9,840	12,340	10,387	4,544	15,309	16,032	10,109	24,100
Arba Minch	25,943	-	126	537	3,392	226	342	513	151	188	195	140	54	99
Asella	30,146	112	-	695	436	154	198	520	145	540	274	205	97	211
Asmara	40,470	15	10	-	328	1,900	1,691	169	3,047	767	470	10,979	37	161
Awassa	1,662	1,018	170	553	-	160	230	78	162	235	256	315	81	170
Debre Markos	33,545	103	112	805	143	-	240	70	3,164	306	288	234	206	184
Dessie	33,999	61	94	1,299	55	182	-	27	167	113	104	1,520	85	78
Goba	17,021	88	975	230	1,187	114	182	-	106	347	195	83	20	259
Gondar	16,165	41	130	4,476	108	1,310	386	31	-	267	267	784	32	59
Harar	27,224	33	182	834	269	141	590	95	473	-	296	812	82	59
Jimma	12,939	31	152	854	128	205	230	63	166	215	-	139	2,309	560
Mekelle	16,289	7	17	10,986	196	168	1,179	7	503	577	174	-	30	25
Mettu	19,579	8	124	375	91	108	92	10	121	133	6,052	176	-	273
Nekente	31,197	77	127	258	242	289	353	265	250	215	211	275	560	-

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

114

TABLE TS: REVENUE OF TELECOMMUNICATIONS AUTHORITY BY SOURCE (IN '000 BIRR)*

SOURCE	1981/82	1982/83**	1983/84**	1984/85	1985/86
<u>Urban Telephone</u>	38,828	42,010	43,843	45,235	49,109
Initial Subscription	1,975	1,723	1,928	2,367	2,231
Rent	8,433	8,461	9,394	9,547	11,013
Moves and Changes	247	289	362	321	301
Urban Calls	28,173	31,537	32,159	33,000	35,564
<u>Interurban Telephone</u>	17,814	19,417	23,039	26,143	42,734
Inlandcalls	7,157	7,226	7,967	9,227	9,481
International Calls	10,554	12,081	14,934	16,640	33,141
Radio Licence	103	110	138	276	112
<u>Telegraph</u>	3,971	4,034	3,379	3,960	4,173
Inland Telegrams	491	515	601	680	782
International Telegrams	1,663	1,754	980	1,388	1,221
Other Telegraph Services	1,817	1,765	1,798	1,892	2,170
<u>Telex</u>	7,018	7,328	8,197	10,174	11,013
Urban	926	900	4	8	1,290
Interurban	245	257	283	354	364
Foreign	5,847	6,165	6,838	8,582	9,359
Other Telex Services	-	-	1,072	1,230	-
Miscellaneous	1,596	2,120	2,146	2,984	2,258
Total Revenue	69,227	74,903	80,604	88,496	109,287

* Year Ending July 7

** Provisional

Source: Ethiopian Telecommunications Authority.

TABLE T9: EXPENDITURE OF TELECOMMUNICATIONS AUTHORITY BY PURPOSE (IN '000 BIRR)*

PURPOSE	1982/83**	1983/84	1984/85	1985/86
Personnel Emolument	12,937	18,343	18,314	19,332
Training	198	273	214	618
Maint. and Depreciation of Telephone				
i) Urban Telephone	9,870	5,473	10,056	12,552
ii) Interurban Telephone	9,899	2,872	9,245	5,091
Maint. and Depreciation of Telegraph	2,435	432	2,338	1,584
Maint. and Depreciation of Telex	790	435	1,071	553
Maint. and Depreciation of Building	932	830	1,630	2,041
Depreciation of furniture and Equipment	204	409	181	240
Interest on Loan	5,204	5,240	4,368	4,176
Provision for Profit Tax	9,520	12,711	14,432	24,510
Capital Charge	6,386	7,018	7,691	8,873
Miscellaneous	7,158	14,130	4,827	5,506
Total Expenditure	65,533	68,166	74,367	85,076

* Year Ending July 7

** Provisional

Source: Ethiopian Telecommunications Authority.

Radio and Television Statistics

A majority of the population in developing countries like Ethiopia lives in rural areas where communications are poor. In such a situation broadcasting plays a vital role in reaching the masses thereby enabling the government to keep in touch with its people in order to improve their economic, social and political participation.

The Ethiopian Radio broadcasts its programmes to listeners at home and abroad, while the Ethiopian Television broadcasts its programmes to viewers at home. In this section the number of employees, radio stations and transmitters, broadcasting hours and languages used and data on education by radio provided by Mass Media Service of the Ministry of Education will be treated.

The number of employees of the ministry of information is shown in Tables B1 and B2. In 1985/86 there were 431 and 403 employees of Ethiopian Radio and Television Broadcasting Services, respectively. The total number of employees in 1985/86 has slightly declined as compared to the preceding year.

Since 1981/82 the number of Radio stations in Ethiopia remained unchanged. The number of Transmitters increased from 9 in 1984/85 to 13 in 1985/86. As estimated by the Ministry of Information there were about 3 million transistor radios and about 75 thousand television sets at the end of 1985/86. At present the number of households with radio and television

sets is very insignificant as compared to the total size of the Ethiopian population. For instance the number of transistor radios per 1000 inhabitants is as low as 67.0. This means for every 15 inhabitants there is only one radio. It is obvious that there are fewer radio sets in the country side, therefore the above ratio may be even much lower for rural Ethiopia.

Radio programmes are transmitted in nine languages from three studios in Addis Ababa, Asmara and Harar. The total service-hours allotted to the various programmes in 1985/86 decreased slightly from 7984:40 in 1984/85 to 7983:20 in 1985/86.

The Ethiopian Television presents its programmes in two languages, Amharic and English. As Table B6 shows the total service-hours rendered by Ethiopian Television amounted to 1175:23 in 1985/86 showing a decrease of 18.4 percent from that of 1984/85. Of the total service-hours 51.1 percent were devoted to programmes transmitted in Amharic.

Educational programmes transmitted by the radio of Mass Media Service of the Ministry of Education is shown in Table B7. In 1985/86 there were 11 transmitters in different parts of the country. The total service-hours given in 1985/86 showed an increase of 11.2 percent from the level in 1984/85.

TABLE B11 NUMBER OF EMPLOYEES OF BROADCASTING SERVICE, MINISTRY OF INFORMATION BY SALARY GROUP AND SEX*

SALARY GROUP	NUMBER OF EMPLOYEES														
	1981/82			1982/83			1983/84			1984/85			1985/86**		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149			190			185			192	104	102	206	64	52	116
150 - 249			119			124			138	98	36	134	45	20	65
250 - 349			163			157			155	134	49	183	38	16	54
350 - 449			78			74			84	52	25	77	26	13	39
450 - 549			65			70			79	64	18	82	34	7	41
550 - 649			62			63			71	68	11	79	42	7	49
650 - 749			31			33			39	28	6	34	22	-	22
750 - 849			34			29			34	29	2	31	27	3	30
850 - 949			9			6			6	3	-	3	3	-	3
950 - 1049			6			9			9	8	-	8	7	-	7
1050 - 1149			1			1			1	2	-	2	-	1	1
1150 - 1249			3			3			3	3	-	3	2	-	2
1250 - 1349			-			-			-	-	-	-	-	-	-
1350 and above			3			2			2	1	1	2	1	1	2
TOTAL			761			736			813	594	250	844	311	120	431

* Year Ending July 7

** 403 employees of Ethiopian Television are not included.

Source:- Ministry of Information.

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

OCCUPATION	1981/82			1982/83			1983/84			1984/85			1985/86**		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
ADMINISTRATIVE PERSONNEL			319			314			343	183	160	343	117	85	202
RADIO PROGRAMMERS			166			143			150	118	42	160	89	33	122
TELEVISION PROGRAMMERS			84			79			99	13	6	21	-	-	-
TECHNICAL PERSONNEL			195			200			221	266	37	303	105	2	107
JOURNALISTS			-			-			-	14	3	17	-	-	-
TOTAL			764			736			813	594	250	844	311	120	431

* Year Ending July 7

** 403 Employees of Ethiopian Television are not included.

Source:- Ministry of Information.

120

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

YEAR*	RADIO STATIONS	TRANSMITTERS ⁺	HOUSEHOLD WITH RADIO SETS**
1981/82	3	9	3,000,000
1982/83	3	9	3,000,000
1983/84	3	9	3,000,000
1984/85	3	9	3,000,000
1985/86	3	13	3,000,000

* Year Ending July 7

** Estimated by Ministry of Information.

+ There were 5 Short Wave and 7 Medium Wave Transmitters in 1980/81 and 5 Short Wave and 4 Medium Wave Transmitters for the rest of the period.

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

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

YEAR*	ADDIS ABABA STUDIO				
	A M H A R I C				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
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
1984/85	468:00	1167:40	849:00	18:00	2502:40
1985/86	468:00	1105:00	849:00	18:00	2440:00

TABLE B4: (CONT'D)

YEAR*	ADDIS ABABA STUDIO									
	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
1981/82	121:00	439:19	167:16	-	727:35	60:40	164:40	138:40	-	364:00
1982/83	121:20	439:24	167:16	-	728:00	60:40	164:42	138:40	-	364:02
1983/84	121:00	172:00	167:00	266:00	726:00	60:00	75:00	138:00	89:00	362:00
1984/85	121:33	439:20	112:07	-	673:00	60:00	180:00	125:00	-	365:00
1985/86	121:33	439:20	112:07	-	673:00	60:00	180:00	125:00	-	365:00

TABLE B4: (CONT'D)

YEAR*	A S M A R A S T U D I O									
	T I G R R					T I G R I G N A				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1981/82	60:40	139:32	163:48	-	364:00	84:56	170:44	108:20	-	364:00
1982/83	60:40	139:32	163:48	-	364:00	84:56	170:52	108:20	-	364:08
1983/84	60:00	95:00	163:00	44:00	362:00	84:00	138:00	108:00	32:00	362:00
1984/85	60:00	195:00	110:00	-	365:00	111:00	380:00	154:00	-	645:00
1985/86	60:00	195:00	110:00	-	365:00	111:00	380:00	154:00	-	645:00

123

TABLE B4: (CONT'D)

YEAR*	A S M A R A S T U D I O				
	A M H A R I C				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
1981/82	-	-	-	-	-
1982/83	-	-	-	-	-
1983/84	-	-	-	-	-
1984/85	30:42	213:18	29:40	-	273:40
1985/86	3:20	240:00	29:00	-	272:20

TABLE B4: (CONT'D)

YEAR*	H A R A R					S T U D I O				
	O R O M I G N A					S O M A L G N A				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1981/82	121:00	378:44	227:56	-	727:40	-	-	-	-	-
1982/83	121:20	378:44	227:56	-	728:00	-	-	-	-	-
1983/84	121:00	163:00	227:00	214:00	725:00	-	-	-	-	-
1984/85	121:33	434:20	112:07	-	668:00	60:00	180:00	125:00	-	365:00
1985/86	121:33	434:20	112:07	-	668:00	60:00	180:00	125:00	-	365:00

124

TABLE B4: (CONT'D)

YEAR*	TOTAL SERVICE HOURS				
	NEWS	GENERAL INFORMATION	RECREATION	COMMERCIAL	TOTAL
1981/82	886:16	2321:59	1601:00	-	4809:15
1982/83	886:56	2322:14	1601:00	-	4810:10
1983/84	884:00	1173:00	1598:00	1144:00	4799:00
1984/85	1032:48	3189:38	1616:54	18:00	5857:20
1985/86	1005:26	3153:40	1616:14	18:00	5793:20

* Year Ending July 7

Source:- Ministry of Information.

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

YEAR*	A M H A R I C					E N G L I S H				
	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL	NEWS	GENERAL INFORMATION	RECREATION	OTHERS	TOTAL
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
1984/85	60:00	175:00	70:00	60:00	365:00	60:00	170:00	80:00	55:00	365:00
1985/86	60:00	175:00	70:00	60:00	365:00	60:00	170:00	80:00	55:00	365:00

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
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
1984/85	60:00	119:00	85:00	101:00	365:00	60:00	119:00	85:00	101:00	365:00
1985/86	60:00	119:00	85:00	101:00	365:00	60:00	119:00	85:00	101:00	365:00

TABLE B5: (CONT'D)

YEAR*	S O M A L I					A F F A R					TOTAL SERVICE HOURS				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
1981/82	60:40	92:44	210:36	-	364:00	60:40	117:00	185:28	-	363:08	364:00	835:02	983:52	-	2183:04
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	2184:00
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	2173:00
1984/85	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00	360:00	788:00	615:00	427:00	2190:00
1985/86	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00	360:00	788:00	615:00	427:00	2190:00

* Year Ending July 7

Source:- Ministry of Information.

TABLE 36: ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED

YEAR*	No. of Households with TV. Sets**	A M H A R I C						Total
		News	General Information	Recreation	Commercial	Educational	Others	
1981/82	45,000	273:00	340:10	78:00	30:04	52:00	-	737:14
1982/83	45,000	233:00	479:00	90:00	10:00	72:00	36:00	920:00
1983/84	45,000 - 50,000	233:00	479:00	90:00	10:00	72:00	36:00	920:00
1984/85	70,000	182:05	607:00	271:49	8:00	39:00	-	1107:54
1985/86	70,000 - 75,000	188:00	144:40	74:30	15:20	235:20	24:33	682:23

127

TABLE 36: (CONT'D)

YEAR*	E N G L I S H							GRAND TOTAL
	News	General Information	Recreation	Commercial	Educational	Others	Total	
1981/82	121:40	78:00	260:00	6:05	52:00	-	517:45	1254:59
1982/83	112:00	220:00	294:00	4:00	24:00	12:00	666:00	1586:00
1983/84	112:00	220:00	294:00	4:00	24:00	12:00	666:00	1586:00
1984/85	122:00	115:00	65:15	2:00	29:00	-	333:15	1441:09
1985/86	120:00	8:00	236:40	5:36	122:44	-	493:00	1175:23

* Year Ending July 7

** Estimate by Ethiopian Television.

Source:- Ministry of Information.

TABLE B7: EDUCATIONAL RADIO BROADCASTING HOURS BY LANGUAGES USED

YEAR*	RADIO BROADCASTING HOURS							
	ALEMAYA TRANSMITTER				ASMARA TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1981/82	565:00	130:00	147:00	842:00	-	-	-	-
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1115:50	162:30	130:00	1408:20	1063:50	162:30	182:00	1408:20
1984/85	754:00	225:20	117:00	1096:20	754:00	225:20	117:00	1096:20
1985/86	788:36	294:36	117:00	1200:12	788:36	294:36	117:00	1200:12

128

TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	BAHRDAR TRANSMITTER				DEBRE MARKOS TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1981/82	613:00	130:00	-	743	556:00	130:00	102:00	788:00
1982/83	695:00	110:50	-	850:50	695:00	110:50	130:00	935:50
1983/84	1245:50	162:30	-	1408:20	1115:50	162:30	130:00	1408:20
1984/85	871:00	225:20	-	1096:20	754:00	225:20	117:00	1096:20
1985/86	1022:36	294:36	-	1317:12	788:36	294:36	117:00	1200:12

TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	DESSIE TRANSMITTER				GHIMBI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
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	1115:50	162:30	130:00	1408:20	1115:50	162:30	130:00	1408:20
1984/85	754:00	225:20	117:00	1096:20	754:00	225:20	117:00	1096:20
1985/86	788:36	294:36	117:00	1200:12	788:36	294:36	117:00	1200:12

129

TABLE B7: (CONT'D)

YEAR	RADIO BROADCASTING HOURS							
	GORE TRANSMITTER				LEGEDADI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1981/82	556:00	130:00	102:00	788:00	816:00	154:00	102:00	1072:00
1982/83	695:00	110:50	130:00	935:50	800:00	110:50	130:00	1040:50
1983/84	1115:50	162:30	130:00	1408:20	1375:50	214:30	130:00	1720:20
1984/85	754:00	225:20	117:00	1096:20	1014:00	225:20	117:00	1356:20
1985/86	788:36	294:36	117:00	1200:12	1048:36	294:36	117:00	1460:12

TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	MEKELE TRANSMITTER				ROBE TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
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	1063:50	162:30	182:00	1408:20	1115:50	162:30	130:00	1408:20
1984/85	754:00	225:20	117:00	1096:20	754:00	225:20	117:00	1096:20
1985/86	864:36	294:36	117:00	1276:12	788:36	294:36	117:00	1200:12

TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	WOLLAYTA SODO TRANSMITTER				ALL TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1981/82	521:00	154:00	146:00	821:00	5835:00	1348:00	1003:00	8186:00
1982/83	695:00	110:50	260:00	1065:50	7750:00	1219:10	1430:00	10395:50
1983/84	1050:50	214:30	195:00	1460:20	12495:10	1891:30	1469:00	15855:40
1984/85	715:00	225:20	156:00	1096:20	8632:00	2478:40	1209:00	12319:40
1985/86	794:36	294:36	156:00	1245:12	9250:36	3240:36	1209:00	13700:12

* Year Ending July 7

Note:- Station Identification Announcements, Continuity and/or Music Hours are note Included except in 1983/84.

Source:- Ministry of Education, Education Mass Media Service.

Press Statistics

Press is another medium of communications that is accessible to the literates and plays vital role in raising their consciousness. Thus, expansion of press services could pave the way for economic, social and political advancement of the population of Ethiopia.

This part of the bulletin has data on the number of press services employees of the Ministry of Information, publications and circulations of three daily, six weekly and one bi-monthly newspapers and three monthly and two quarterly magazines.

The papers and magazines are published and issued by government and non-government institutions. More than two-third of them are published by the Ministry of Information. Of the total newspapers and magazines printed in 1985/86, 87.1 percent were published in Amharic and the rest were in English, Oromigna, Tigrigna and Arabic.

In 1985/86 26,892,905 newspapers were printed and 26,409,323 circulated. Similarly 484,794 magazines were printed and 181,723 were circulated. Serto Ader, the weekly Amharic newspaper, published and issued by the Central Committee of the Workers' Party of Ethiopia, accounted for 39.1 percent of the total printed and circulated papers in 1985/86 followed by Addis Zemen the Amharic daily newspaper which accounted for 34.5 percent.

Table N8 shows the net paid circulation of newspapers published in Amharic and other languages in all administrative regions including Addis Ababa. Addis Ababa, the capital city, took a significant share of the total circulated papers. The amount ranges from 42.2 percent in 1981/82 to 43.6 percent in 1985/86.

Fig 22 TOTAL PRINT AND NET PAID CIRCULATION OF ADDIS ZEMEN

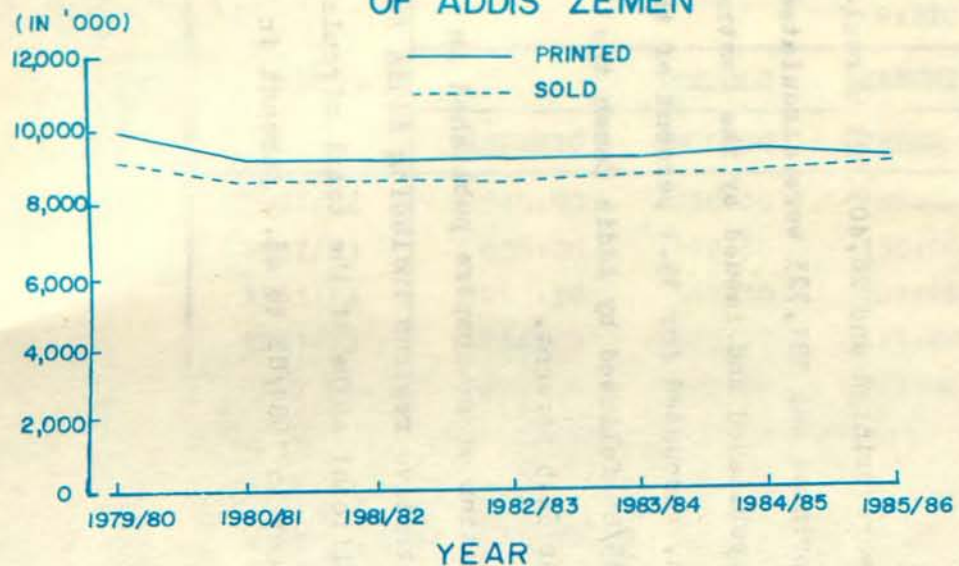


Fig 23 TOTAL PRINT AND NET PAID CIRCULATION OF ETHIOPIAN HERALD

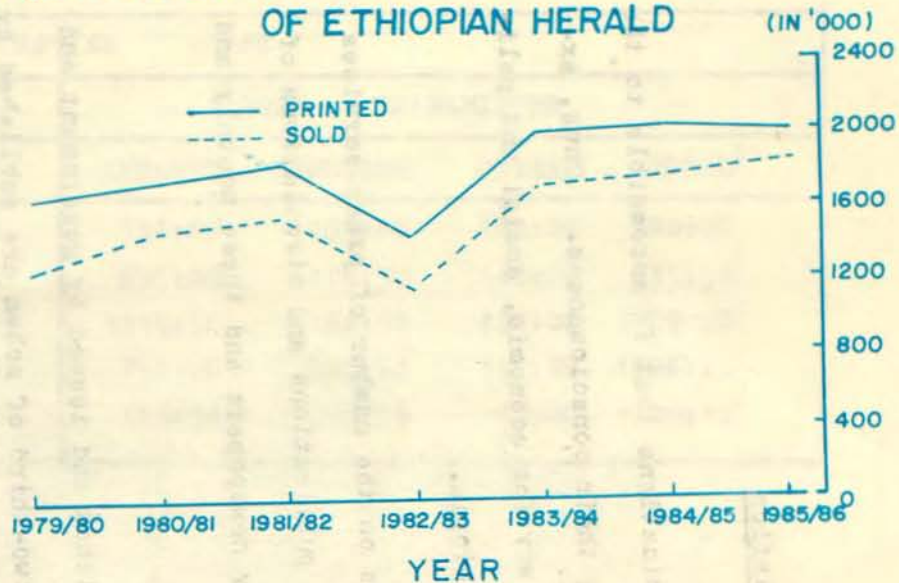


Fig 24 TOTAL PRINT AND NET PAID CIRCULATION OF YEZAREITU ETHIOPIA

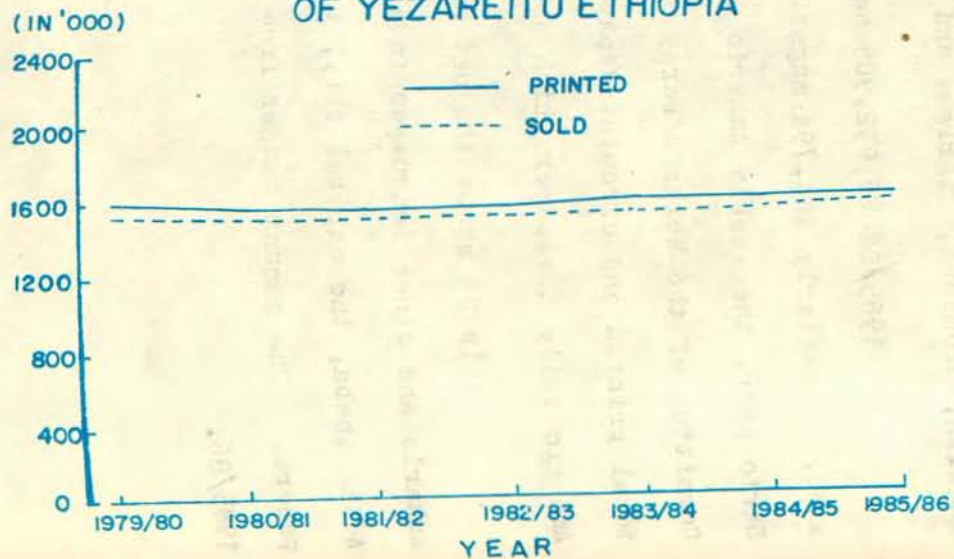


Fig 25 TOTAL PRINT AND NET PAID CIRCULATION OF AL ALEM

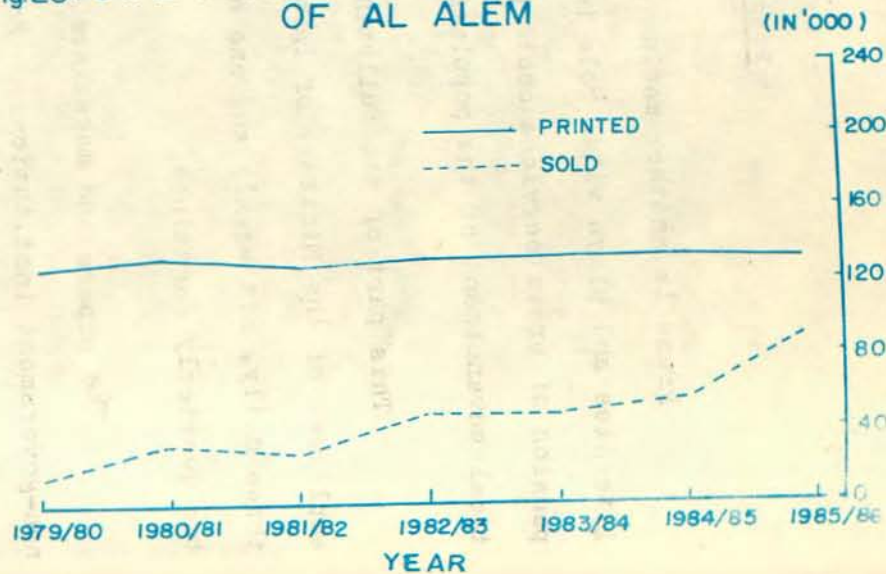


TABLE N1: NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION BY SALARY GROUP AND SEX*

SALARY GROUP	1982/83			1983/84			1984/85			1985/86		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	34	...	...	36	13	29	42	3	24	27
150 - 249	33	...	...	35	18	16	34	16	12	28
250 - 349	40	...	...	42	31	14	45	18	15	33
350 - 449	20	...	...	22	17	9	26	25	4	29
450 - 549	13	...	...	15	13	3	16	15	3	18
550 - 649	14	...	...	15	22	3	25	23	3	26
650 - 749	17	...	...	17	10	-	10	15	-	15
750 - 849	4	...	...	4	9	-	9	9	-	9
850 - 949	1	...	...	1	-	-	-	-	-	-
950 - 1049	3	...	...	3	6	-	6	4	-	4
1050 - 1149	-	...	-	-	-	-	-	-	-	-	-	-
1150 - 1249	1	...	...	1	-	-	-	-	-	-
1250 - 1349	-	-	-	-	-	-	-	-	-	-	-	-
1350 and above	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	180	...	...	191	139	74	213	128	61	189

* Year Ending July 7

Source:- Ministry of Information.

133

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

YEAR*	A D D I S Z E M E N				H E R A L D			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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
1984/85	9,440,000	8,859,166	573,364	7,470	2,024,500	1,755,790	261,240	7,470
1985/86	9,260,000	9,113,633	11,220	135,147	2,005,200	1,844,906	14,147	146,147

* Year Ending July 7

Source:- Ministry of Information.

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

YEAR*	BERISSA ⁺				SERTO ADER			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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	-
1984/85	104,000	95,598	8,142	260	7,730,248	7,725,264	4,984	-
1985/86	113,000	98,029	1,266	13,705	10,482,648	10,473,753	8,895	-

* Year Ending July 7

+ Berissa is a Weekly Oromigna Newspaper.

Source: 1. Ministry of Information.

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

TABLE B1: (CONT'D)

YEAR*	A L L E M				YIZARETU ETHIOPIA				ZENA BOTEKIRISTIAN			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1981/82	130,000	28,990	81,658	19,352	1,560,000	1,502,399	54,533	3,068	22,000	17,600	-	4,400
1982/83	133,000	49,436	83,299	265	1,560,000	1,503,414	55,256	1,300	23,000	22,474	66	460
1983/84	132,500	49,006	83,229	265	1,590,000	1,528,474	56,297	5,229	37,000	35,856	884	260
1984/85	133,000	55,911	76,824	265	1,600,000	1,543,338	55,362	1,300	26,805	25,805	805	195
1985/86	130,500	87,125	625	42,750	1,580,000	1,556,462	1,415	20,125	24,000	22,200	583	1,217

* Year Ending July 7

Source:- 1. Ministry of Information.
2. Ethiopian Orthodox Church.

TABLE N4: NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS AND MONTHLY MAGAZINES PRINTED, SOLD, DONATED AND RETAINED.
(PRINTED IN ADDIS ABABA)

YEAR*	REVOLUTIONARY POLICE			
	PRINTED	SOLD	DONATED	RETAINED
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
1984/85	1,892,600	1,888,468	3,892	240
1985/86	1,670,500	1,665,532	4,968	-

* Year Ending July 7

Source:- Police Headquarters.

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

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

YEAR*	E T H I O P I A				H I B R A T E			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1981/82	156,536	151,466	4,782	288	643,454	618,614	23,752	1,088
1982/83	224,612	221,823	2,689	-	1,094,624	1,081,537	13,087	-
1983/84	168,391	160,798	7,593	-	866,324	832,334	33,990	-
1984/85	239,807	236,342	3,465	-	1,170,352	1,152,521	17,831	-
1985/86	250,609	245,793	326	4,490	1,276,448	1,254,097	2,348	20,003

* Year Ending July 7

Note:- 'Ethiopia' is a Weekly Amharic Newspaper, while 'Hibrate' is a daily Tigirgna Newspaper.

Source: Ministry of Information.

TABLE N6: NUMBER OF COPIES OF MONTHLY MAGAZINES PRINTED, SOLD, DONATED AND RETAINED
(PRINTED IN ADDIS ABABA)

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
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
1984/85	132,500	128,422	3,194	884	25,773	24,017	1,396	360
1985/86	80,500	77,428	1,196	1,876	11,900	7,375	3,536	989

* Year Ending July 7

** Monthly in Amharic, Quarterly in English

Source: Ministry of Information.

TABLE N6: (CONT'D)

YEAR	K E S T E D A M E N A			
	PRINTED	SOLD	DONATED	RETAINED
1981/82	29,345	18,231	-	11,114
1982/83 ⁺	73,351	58,182	-	15,169
1983/84	...	...	...	...
1984/85	...	...	...	...
1985/86	...	...	...	...

* Year Ending July 7

+ Provisional

Source: Kuraz Publishing Agency.

TABLE N7: NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND MESKEREM (MEGAZINE) PRINTED, SOLD, DONATED AND RETAINED (PRINTED IN ADDIS ABABA)

YEAR*	ETHIOPIAN MEDICAL JOURNAL ⁺				MESKEREM			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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	-
1984/85	2,400	1,600	200	600	350,581	350,503	78	-
1985/86	2,400	1,600	600	200	389,994	389,916	78	-

* Year Ending July 7

+ The Printing and Circulation of the Ethiopian Medical Journal in each of the years 1980/81 - 1982/83 refer to the last quarter of the year. The data in 1983/84 and 1984/85 are annual and approximate.

Source:- 1. Ethiopian Medical Association.
2. The Central Committee of the Workers' Party of Ethiopia.

TABLE No: CIRCULATION OF NEWS PAPERS BY ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	1981/82			1982/83			1983/84		
	Amharic	Others	Total	Amharic	Others	Total	Amharic	Others	Total
Arsi	226,974	18,906	245,880	227,004	18,926	245,930	227,004	18,926	245,930
Bale	129,685	4,426	134,111	129,710	4,436	134,146	129,710	4,436	134,146
Eritrea	894,797	718,402	1,613,199	912,797	733,402	1,646,199	937,797	754,520	1,672,317
Gamo Gofa	66,846	5,777	72,623	66,856	5,787	72,643	66,856	5,787	72,643
Gojjam	391,074	23,296	414,370	391,124	23,326	414,450	391,124	23,326	414,450
Condar	127,483	15,915	143,398	127,503	15,925	143,428	127,503	15,925	143,428
Harargne	971,352	111,421	1,082,773	974,352	112,421	1,086,773	999,352	113,421	1,112,773
Illubabor	257,422	24,688	282,110	257,452	24,708	282,160	257,452	24,708	282,160
Kefa	355,363	39,181	394,544	355,403	39,211	394,614	355,403	39,211	394,614
Shewa	1,822,576	116,182	1,938,758	1,825,576	118,682	1,944,258	1,900,576	128,682	2,029,258
Sidamo	687,333	45,026	732,359	687,383	45,056	732,439	687,383	45,056	732,439
Tigray	135,770	10,471	146,241	135,795	10,486	146,281	135,795	10,486	146,281
Wellega	195,175	16,128	211,303	195,200	16,138	211,338	195,000	16,138	211,138
Wello	396,362	20,548	416,910	396,412	20,578	416,990	399,412	21,078	420,490
Addis Ababa	4,248,200	1,478,228	5,716,428	4,548,200	1,489,698	6,037,898	4,698,400	1,564,698	6,263,098
T O T A L	10,906,412	2,648,595	13,555,007	11,230,767	2,678,780	13,909,547	11,508,767	2,766,398	14,275,165

142

TABLE N8: (CONT'D)

ADMINISTRATIVE REGION	1984/85			1985/86		
	Amharic	Others	Total	Amharic	Others	Total
ARSSI	222,293	21,506	243,799	189,482	20,032	209,514
BALE	139,410	9,685	149,095	163,125	16,119	179,244
ERITREA	1,000,983	1,232,970	2,233,953	830,290	1,326,771	2,157,061
GAMO GOFA	65,200	5,210	70,410	81,400	5,507	86,907
GOJJAM	385,043	26,391	411,434	432,567	28,814	461,381
GONDAR	117,715	15,577	133,292	183,264	14,353	197,617
HARARGHE	980,064	107,035	1,087,099	898,863	106,947	1,005,810
ILLUBABOR	267,865	30,320	298,185	277,950	31,460	309,410
KEFFA	355,283	29,580	384,863	341,007	29,507	370,514
SHEWA	1,841,218	104,878	1,946,096	1,503,182	97,486	1,600,668
SIDAMO	565,822	43,561	609,383	576,651	47,549	624,200
TIGRAI	135,700	10,685	146,385	139,795	10,923	150,718
WELLEGA	169,815	14,600	184,415	233,741	22,420	256,161
WELLO	406,058	26,550	432,608	369,617	23,842	393,459
ADDIS ABABA	4,627,338	1,753,304	6,380,642	4,470,875	1,725,852	6,196,727
T O T A L	11,279,807	3,431,852	14,711,659	10,691,809	3,507,582	14,199,391

* Year Ending July 7

Note:- The data in 1980/81 refer to those newspapers printed only in Addis Ababa, and since 1981/82 newspapers in circulation include those printed both in Addis Ababa and Asmara.

Source:- Ministry of Information.