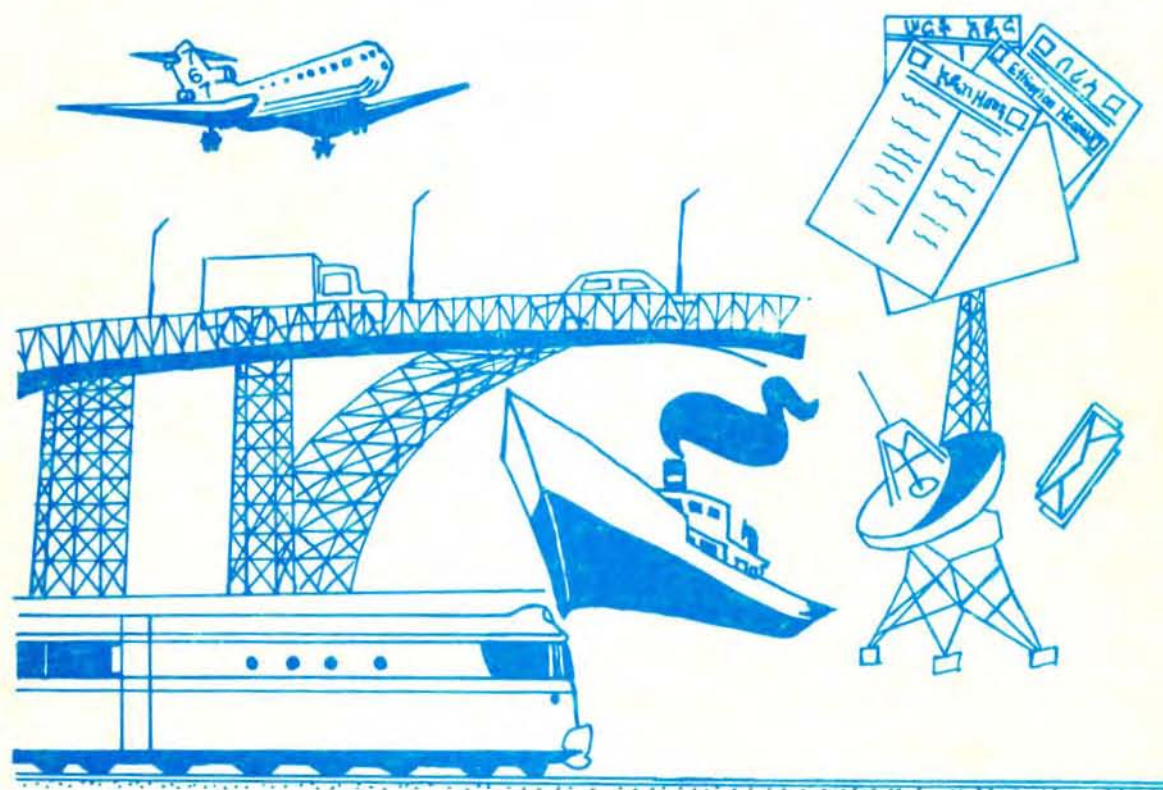


THE PEOPLE'S DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

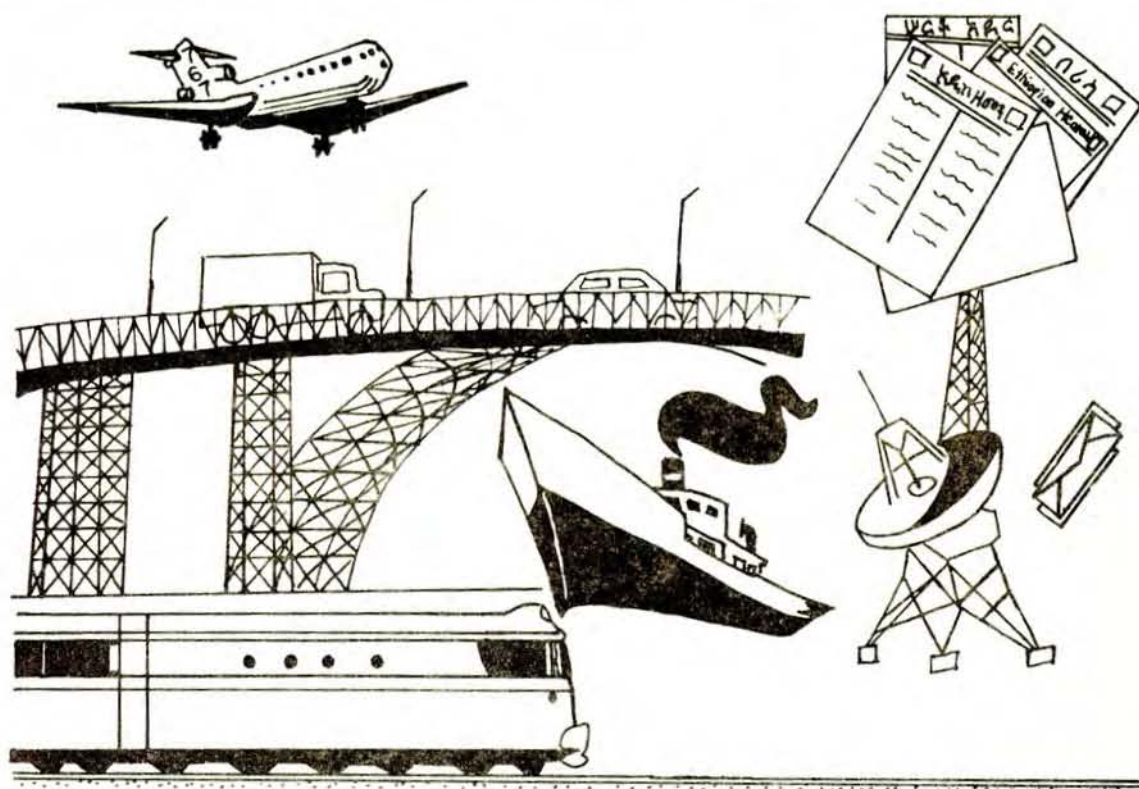
TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA JANUARY, 1989

THE PEOPLE'S DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

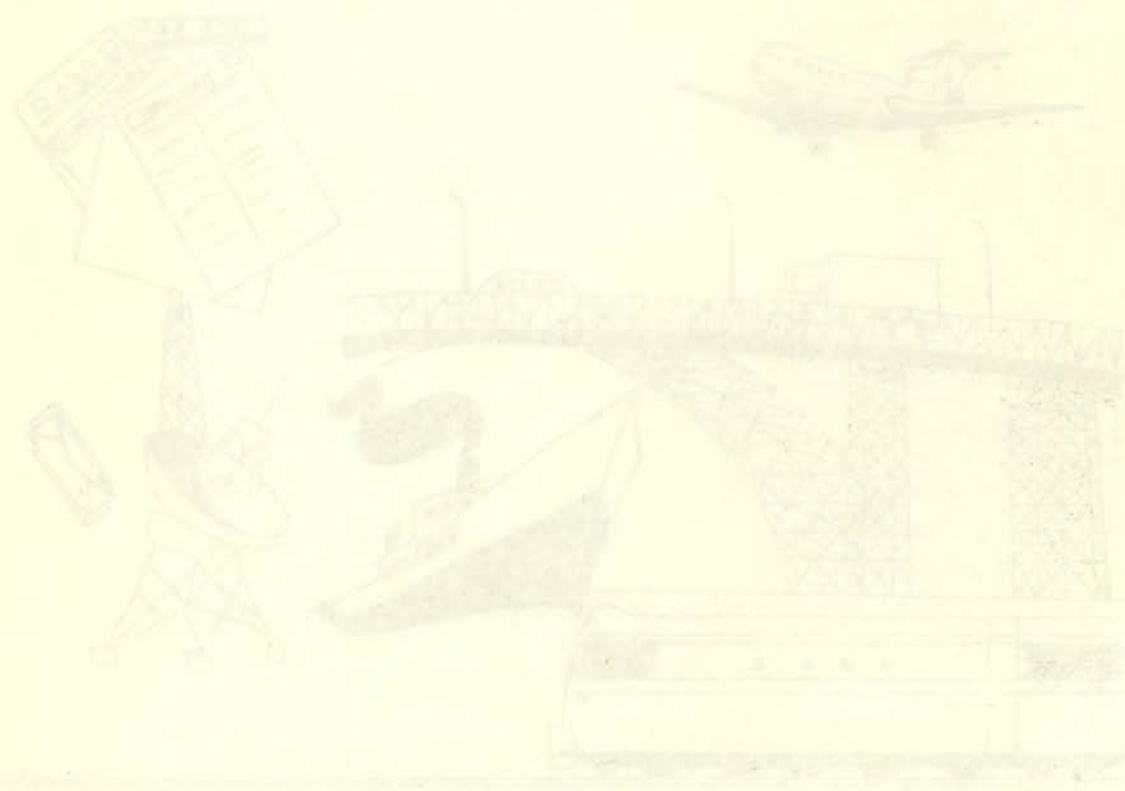
TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA JANUARY, 1989

THE PEOPLE'S DEMOCRATIC REPUBLIC OF ETHIOPIA
CENTRAL STATISTICAL AUTHORITY

TRANSPORT AND COMMUNICATIONS STATISTICS



ADDIS ABABA (MAY 1988)

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Introduction

Transport and Communications play a substantial part in the promotion of socio-economic development objectives and the extent of the network is virtually an indicator of the level of the latter. In cognition 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 this 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 meet the demands of all users. Though effort is exerted every year to improve the quality and details of the data, contents are determined by the availability of information at the sources.

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

The co-operation of government and non-government institutions has been crucial to the publication of the bulletin. The C.S.A. would therefore like to express its appreciation to its sources of data in this respect and welcomes comments and suggestions which would lead towards the improvement of the bulletin.

Note

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

Transport Statistics

Road Statistics

Road transport as a factor of development, is the most important of the four modes of transport. Data on imported and inspected motor vehicles (old and new), length of all weather roads, bus services, road haulage, traffic accidents and driving licenses issued are presented.

The largest number of motor vehicles was imported in 1985. The figure has substantially declined for the remaining years. Import of lorries and trucks of various sizes and purposes has dropped from 2129 in 1986 to 1632 in 1987 making a fall of 23.3 percent. Likewise import of passenger cars declined by 81.6 percent from 1150 in 1983 to 212 in 1987 whereas that of station wagons went up by 32.5 percent from 828 in 1986 to 1097 in 1987.

Tables R₂ and R₃ deal with the number of old and new motor vehicles inspected in Ethiopia by type of service and administrative region, respectively. The total number of inspected motor vehicles has fallen by 3.0 percent from 64,424 in 1985/86 to 62,461 in 1986/87. Table R₄ shows the length of all weather roads by type and administrative region. The length of roads increased by 10.8 percent in 1986/87 compared with that of 1982/83. A decrease in the length of roads may be observed when roads are asphalted and short cuts taken. In 1986/87 the network density was 1.4, i.e., for every 100 square kms. of area there was a road network of 1.4kms. and the density for 1982/83 was 1.3.

Public transport buses of different sizes slightly declined in number in 1986/87. The number of passengers transported and distance covered have risen. Medium size buses conveyed 50.0 percent of the total passengers and covered a total distance of similar proportion.

Tables R₉ to R₁₃ show road haulage activities. The number of trucks for 1986/87 has shown a rise of 11 percent over that of the previous year. 5.3 million tons of freight was transported and 2053.3 million ton/km. was performed.

Motor vehicle accidents were on the rise as shown in tables R₁₄ to R₁₆. Government cars were the most involved in the accidents that occurred in Ethiopia.

FIG-1 IMPORT OF MOTOR VEHICLES BY TYPE

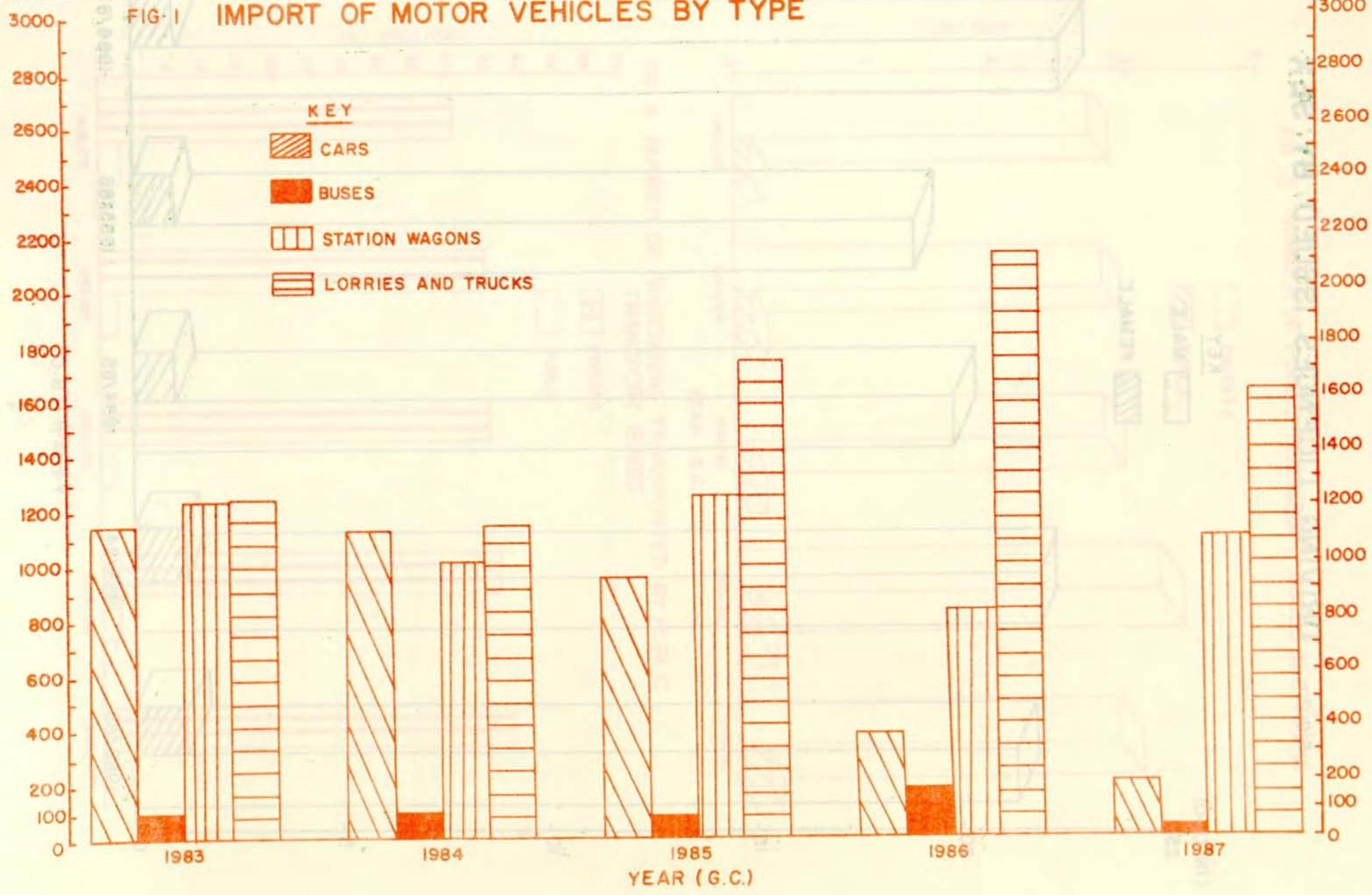


FIG-2 DRIVING LICENCES ISSUED BY SEX

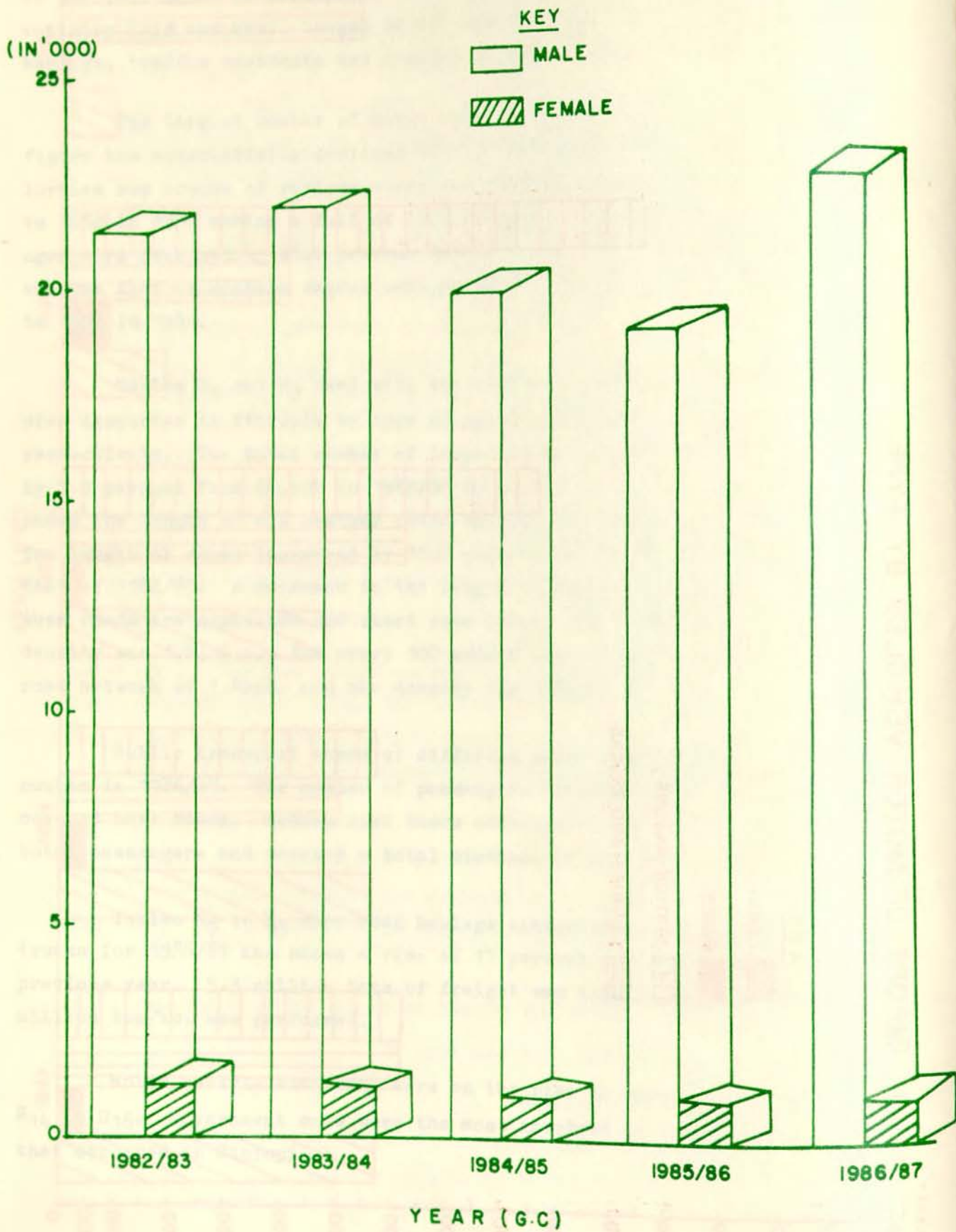


FIG. 3 NUMBER OF PUBLIC TRANSPORT BUSES IN ETHIOPIA

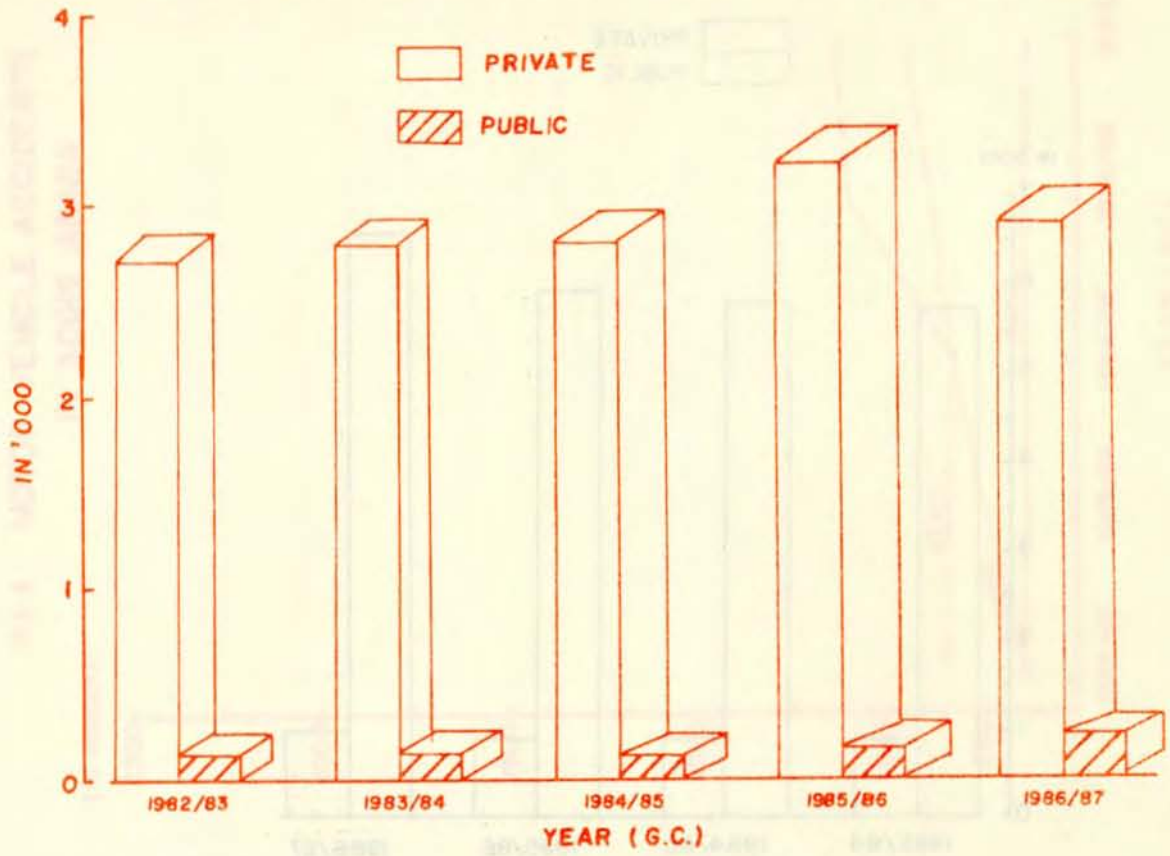


FIG. 4 NUMBER OF PASSENGERS TRANSPORTED BY PUBLIC TRANSPORT BUSES

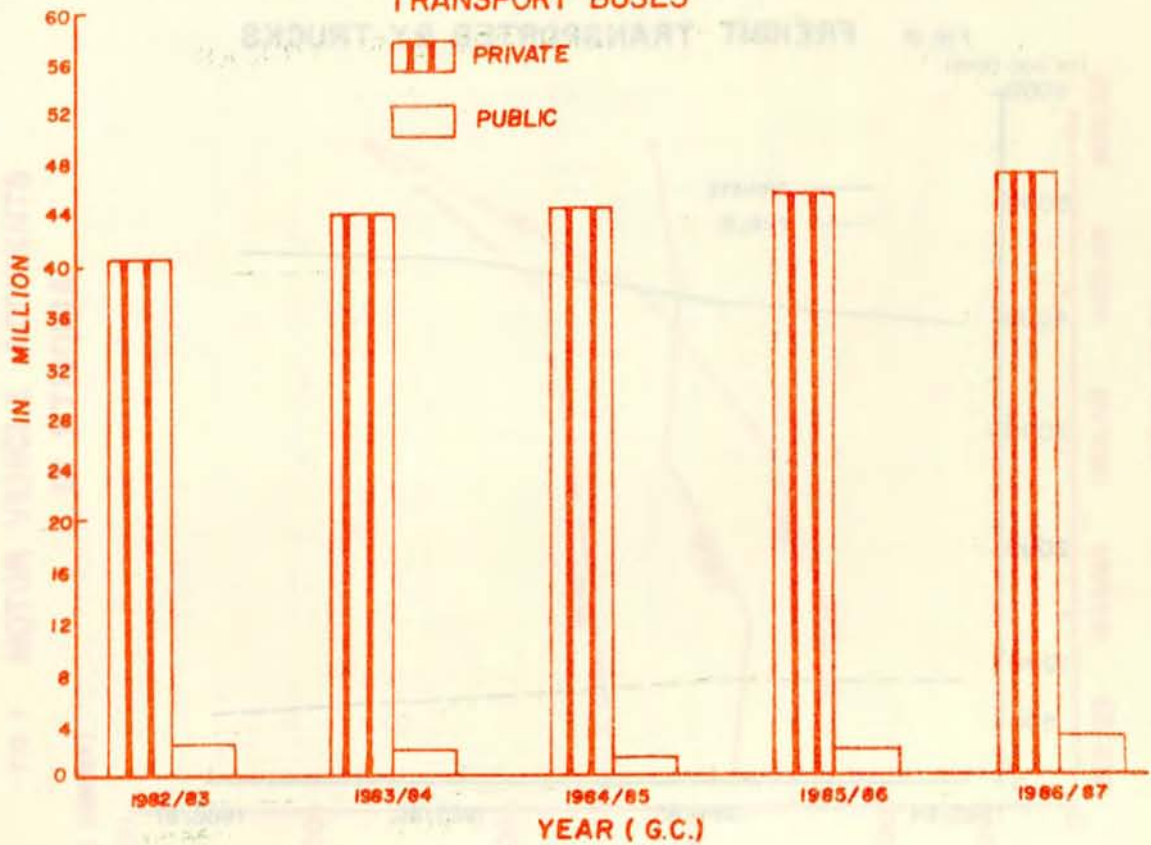


FIG-5 NUMBER OF TRUCKS IN ETHIOPIA

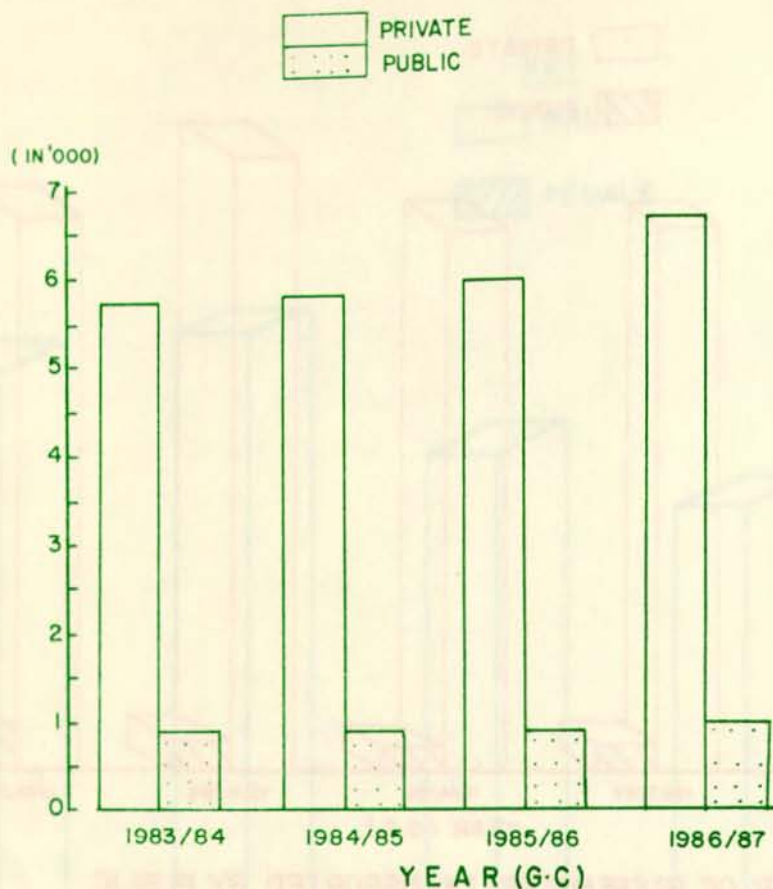


FIG-6 FREIGHT TRANSPORTED BY TRUCKS

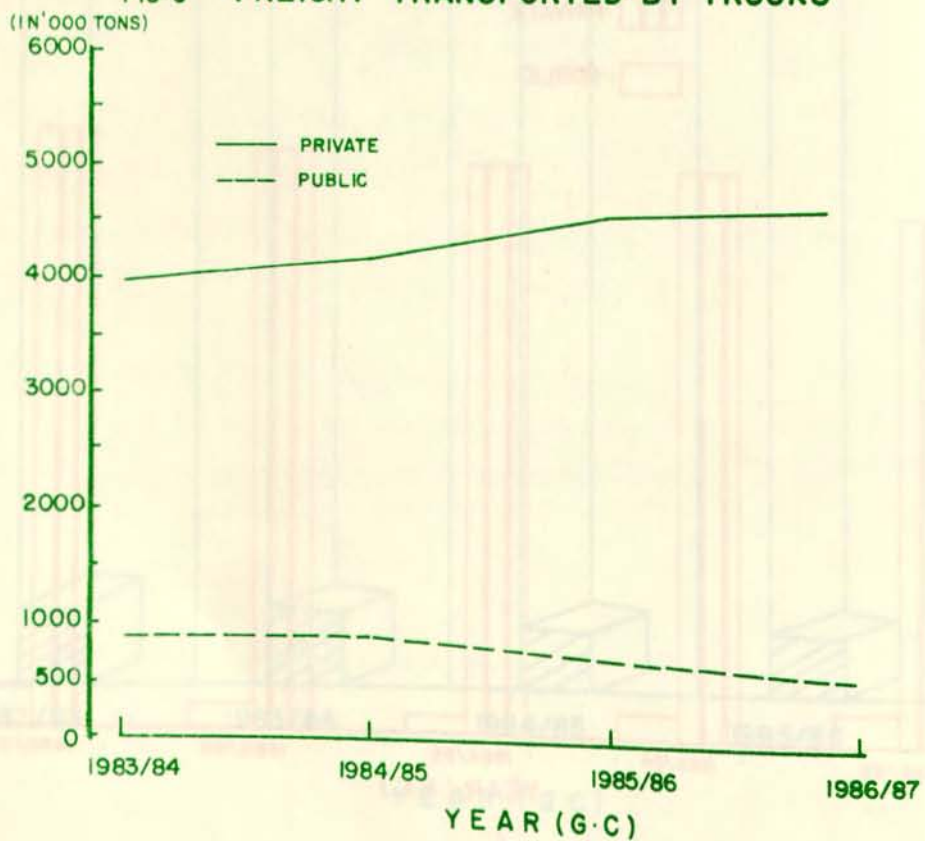


FIG-7 MOTOR VEHICLE ACCIDENTS IN ETHIOPIA

(IN NUMBER)

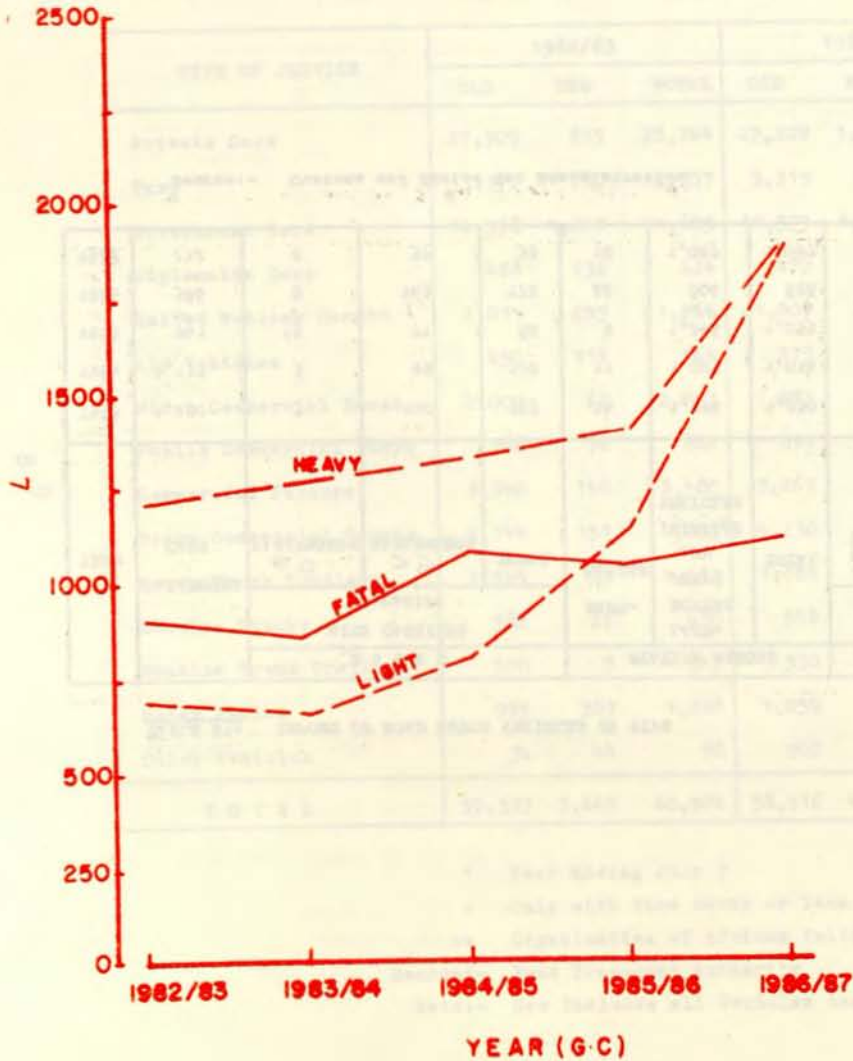


FIG-8 MOTOR VEHICLE ACCIDENTS IN ADDIS ABABA

(IN NUMBER)

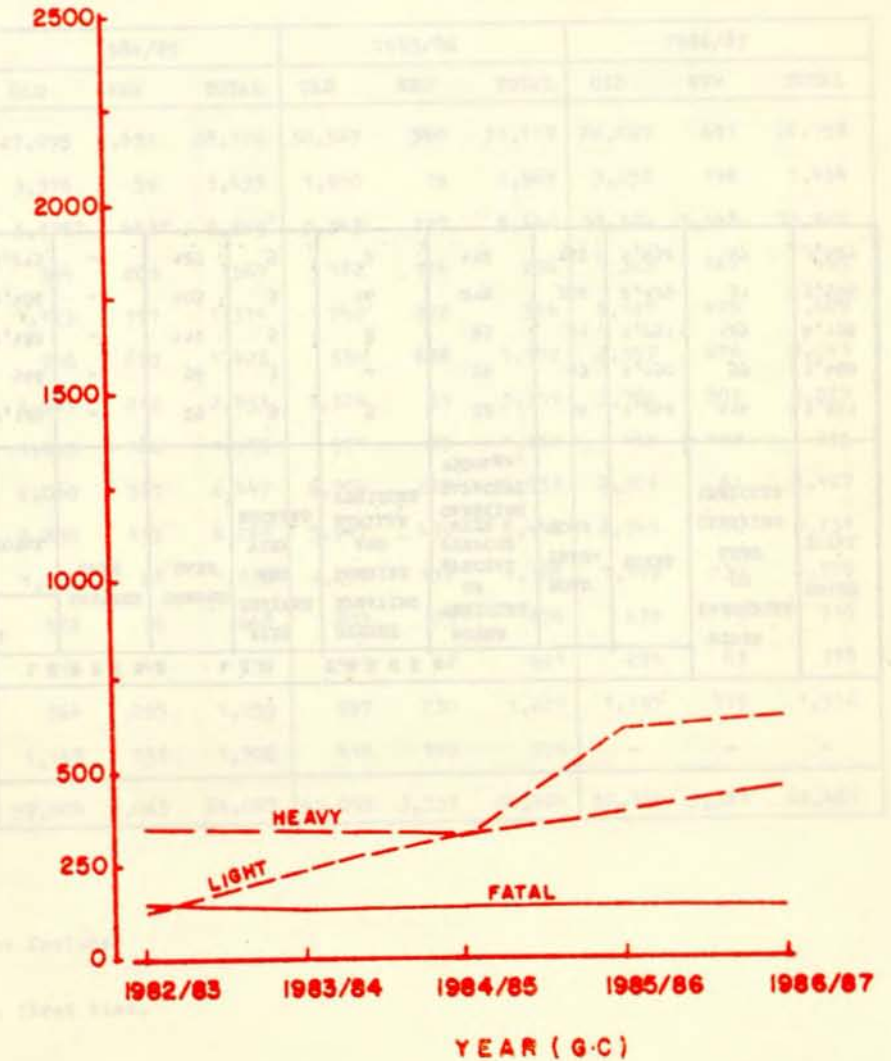


TABLE E1: IMPORT OF ROAD MOTOR VEHICLES BY TYPE

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									
1983	1,150	3	100	103	14	1,246	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
1987	212	2	37	39	10	1,087	1,097	31	1,184	1,215	-	127	5	2	116	167	1,632	47	3,027

Source:- Customs and Excise Tax Administration.

TABLE R2: NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED IN ETHIOPIA BY TYPE OF SERVICE*

TYPE OF SERVICE	1982/83			1983/84			1984/85			1985/86			1986/87		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
Private Cars	27,909	855	28,764	27,227	1,143	28,370	27,095	1,631	28,726	30,567	550	31,117	26,067	691	26,758
Taxi	3,177	180	3,357	3,319	91	3,410	3,376	59	3,435	1,950	19	1,969	3,258	196	3,454
Government Cars	10,358	1,247	11,605	11,575	1,370	12,945	5,176 ⁺	443 ⁺	5,619 ⁺	5,343	297	5,640	11,374	1,548	12,922
Diplomatic Cars	488	136	624	472	191	663	364	203	567	182	114	296	328	167	495
United Nations Cars ⁺⁺	1,011	255	1,266	1,007	201	1,208	1,123	191	1,314	742	222	964	1,127	479	1,606
Aid Vehicles	450	114	564	573	301	874	758	670	1,428	534	638	1,172	2,367	676	3,043
Micro Commercial Buses	2,009	62	2,071	1,781	32	1,813	2,641	212	2,853	3,324	31	3,355	3,780	207	3,987
Public Commercial Buses	766	56	822	699	73	772	1,823	166	1,989	971	93	1,064	452	103	555
Commercial Pickups	3,340	140	3,480	3,269	61	3,330	6,060	387	6,447	6,704	229	6,933	2,366	61	2,427
Heavy Commercial Trucks	4,144	151	4,295	4,230	308	4,538	5,830	435	6,265	5,947	499	6,446	2,745	486	3,231
Heavy Truck Trailers	1,564	69	1,633	1,889	74	1,963	1,764	68	1,832	2,053	135	2,188	1,149	230	1,379
Benzine Trucks	582	28	610	578	37	615	572	96	668	803	73	876	635	75	710
Benzine Truck Trailers	510	7	517	530	10	540	510	49	559	559	62	621	295	83	378
Meter cycles	995	303	1,298	1,059	233	1,292	764	295	1,059	997	230	1,227	1,197	319	1,516
Other Vehicles	34	44	78	308	27	335	1,148	158	1,306	416	140	556	-	-	-
T O T A L	57,337	3,647	60,984	58,516	4,152	62,668	59,004	5,063	64,067	61,092	3,332	64,424	57,140	5,321	62,461

* 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 first time.

TABLE R3: NUMBER OF OLD AND NEW MOTOR VEHICLES INSPECTED BY ADMINISTRATIVE REGION

ADMINISTRATIVE REGION	1982/83			1983/84			1984/85			1985/86			1986/87		
	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL	OLD	NEW	TOTAL
Arssi	1,393	15	1,408	1,378	23	1,401	1,330	12	1,342	1,384	17	1,401	1,554	38	1,592
Bale	255	7	262	264	62	326	146	3	149	155	-	155	294	-	294
Eritrea	5,287	226	5,513	5,200	94	5,294	5,173	90	5,263	5,646	70	5,716	6,015	23	6,038
Game Gefa	160	-	160	165	9	174	127	2	129	230	1	231	243	6	249
Gejjan	571	-	571	430	-	430	557	-	557	517	1	518	625	4	629
Gondar	817	-	817	737	7	744	639	-	639	568	3	571	549	6	555
Hararghe	1,703	27	1,730	1,696	-	1,696	1,842	-	1,842	1,895	-	1,895	1,354	1	1,355
Illubaber	46	-	46	138	6	144	202	5	207	256	3	259	389	3	392
Keffa	1,014	1	1,015	1,183	29	1,212	1,104	45	1,149	1,017	27	1,044	1,030	4	1,034
Shewa	42,198	3,391	45,549	43,872	3,887	47,759	44,034	4,866	48,900	45,499	3,134	48,633	41,566	5,260	46,826
Sidamo	1,222	9	1,231	1,214	15	1,229	1,166	-	1,166	1,245	-	1,245	1,397	4	1,401
Tigray	378	-	378	287	-	287	378	-	378	323	-	323	353	2	355
Wellega	560	1	561	440	-	440	745	4	749	488	5	493	306	1	307
Wollo	969	10	979	801	18	819	873	18	891	1,020	9	1,029	956	19	975
Asab Administration	764	-	764	711	2	713	688	18	706	903	-	903	923	-	923
T O T A L	57,337	3,647	60,984	58,516	4,152	62,668	59,004	5,063	64,067	61,146	3,270	64,416	57,554	5,371	62,925

TABLE R4: LENGTH OF ALL WEATHER ROADS (IN KMs.) BY TYPE AND ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	1982/83			1983/84			1984/85			1985/86			1986/87		
	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL	GRAVEL	ASPHALT	TOTAL
Arssi	140	62	202	140	62	202	176	59	235	176	59	235	176	59	235
Bale	225	-	225	230	-	230	147	-	147	147	-	147	163	-	163
Eritrea	332	567	899	332	567	899	266	567	833	266	567	833	266	567	833
Gamo Gefa	225	-	225	225	-	225	152	-	152	152	-	152	167	-	167
Gojjam	808	91	899	827	91	918	905	91	996	930	91	1,021	990	91	1,081
Gondar	867	15	882	859	23	882	695	15	710	695	15	710	716	15	731
Hararghe	1,419	337	1,756	1,419	337	1,756	1,447	366	1,813	1,447	336	1,783	1,500	366	1,866
Illubaber	370	125	495	438	125	563	534	127	661	551	127	678	644	127	771
Keffa	766	208	974	783	208	991	571	220	791	571	220	791	571	220	791
Shewa	1,262	1,271	2,533	1,254	1,290	2,544	1,271	1,397	2,668	1,271	1,407	2,678	1,294	1,410	2,704
Sidamo	562	454	1,016	536	480	1,016	381	508	889	381	508	889	392	508	900
Tigray	563	37	600	563	37	600	622	48	670	622	48	670	622	48	670
Wollega	829	-	829	875	-	875	846	-	846	873	-	873	986	-	986
Welle	422	601	1,023	422	601	1,023	442	579	1,021	442	579	1,021	442	579	1,021
Assab Administration	-	-	-	-	-	-	-	-	-	-	-	-	4	72	76
T O T A L	8,790	3,768	12,558	8,903	3,821	12,724	8,455	3,977	12,432	8,524	3,957	12,481	8,933	4,062	12,995
RURAL ROADS			3,609			4,162			4,079			4,539			4,917
GRAND TOTAL			16,167			16,886			16,511			17,020			17,912

* 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	
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
1986/87	22,504	1,033	23,537	119	73	192	23,729

* Year Ending July 7

Source: Road Transport Authority.

TABLE R6: NUMBER OF PUBLIC TRANSPORT BUSES BY SIZE AND OWNERSHIP IN ETHIOPIA*

B U S E S		1982/83	1983/84	1984/85	1985/86	1986/87
Size	Ownership					
Large	Public	145	139	134	175	232
	Private	267	310	295	270	304
Medium	Public	-	-	-	-	-
	Private	1,241	1,251	1,284	1,385	1,306
Small	Public	-	-	-	-	-
	Private	1,219	1,238	1,231	1,502	1,295

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*

(In '000)

B U S E S		1982/83	1983/84	1984/85	1985/86	1986/87
Size	Ownership					
Large	Public	2,771	2,297	1,459	2,158	3,071
	Private	5,128	5,288	4,527	4,780	5,133
Medium	Public	-	-	-	-	-
	Private	24,939	27,590	27,795	28,318	28,784
Small	Public	-	-	-	-	-
	Private	10,579	11,185	12,426	12,400	13,062

* Year Ending July 7

Source : Public Transport Corporation.

TABLE R8: DISTANCE COVERED BY OWNERSHIP AND SIZE OF PUBLIC TRANSPORT BUSES*

(In '000 KMS.)

&

B U S E S		1982/83	1983/84	1984/85	1985/86	1986/87
Size	Ownership					
Large	Public	8,375	7,965	6,797	8,047	10,242
	Private	12,780	12,036	10,758	14,772	13,902
Medium	Public	-	-	-	-	-
	Private	50,024	54,153	54,957	54,064	55,368
Small	Public	-	-	-	-	-
	Private	29,656	31,793	32,246	35,783	37,764

** Year Ending July 7

Source: Public Transport Corporation.

TABLE R9: NUMBER OF TRUCKS BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE IN ETHIOPIA

Ownership Zone/Year	P U B L I C		P R I V A T E			Grand Total
	T Y P E					
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
T O T A L	902	2,845	968	1,886	5,699	6,601

* Year Ending July 7

Note:- Heavy Trucks:- Freight carrying Capacity 91 Quintals and over and Includes Trucks with Trailors.

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

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

Trucks owned by mass 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
	T Y P E						Total
1984/85	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	Total	Total
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
T O T A L	895	2,960	978	1,906	5,844	6,739

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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					
1985/86	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	Total	
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
T O T A L	905	3,056	940	1,938	5,934	6,839

TABLE R9: (CONT'D)

Trucks with trailers:

Medium Trucks - Freight Carrying Capacity 51-90 quintals.

Small Trucks - Freight Carrying Capacity 5-50 quintals.

Trucks owned by other organizations and used for operations of the...

TABLE R9: (CONT'D)

Ownership Zone/Year	P U B L I C		P R I V A T E			Total	Grand Total
	T Y P E						
1986/87	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks			
1	-	404	246	349		999	999
2	-	562	212	387		1,161	1,161
3	-	410	355	626		1,391	1,391
4	-	330	223	598		1,151	1,151
5	776	618	-	-		618	1,394
6	150	824	-	-		824	974
Asmara	42	230	93	160		483	525
T O T A L	968	3,378	1,129	2,120		6,627	7,595

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

TABLE R10: FREIGHT TRANSPORTED BY OWNERSHIP AND ZONE IN ETHIOPIA*

(IN TONS)

Zone	1983/84			1984/85		
	Ownership		Total	Ownership		Total
	Public	Private		Public	Private	
1	168,916	1,179,708	1,348,624	192,642	1,149,985	1,342,627
2	31,917	904,244	936,161	18,446	864,007	882,453
3	11,154	690,661	701,815	5,902	769,563	775,465
4	27,905	685,408	713,313	28,311	750,309	778,620
5	633,507	531,078	1,164,585	645,009	638,286	1,283,295
6	-	-	-	-	-	-
T O T A L	873,399	3,991,099	4,864,498	890,310	4,172,150	5,062,460

* Year Ending July 7

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

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TABLE R10: (CONT'D)

IN TONS

Zone	1985/86			1986/87		
	Ownership		Total	Ownership		Total
	Public	Private		Public	Private	
1	123,211	976,009	1,099,220	12,464	574,471	586,935
2	11,135	692,880	704,015	6,325	895,565	901,890
3	4,909	947,670	952,579	3,277	924,844	928,121
4	43,749	791,259	835,008	19,143	821,464	840,607
5	552,495	1,151,065	1,703,560	574,016	1,060,105	1,634,121
6	-	-	-	-	-	-
Asmara	-	-	-	53,900	347,200	401,100
T O T A L	735,499	4,558,883	5,294,382	669,125	4,523,649	5,292,774

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

TABLE R11: DISTANCE COVERED BY FREIGHT CARRYING CAPACITY, OWNERSHIP AND ZONE

IN '000 KMS.

Ownership Zone/Year	P U B L I C		P R I V A T E			Grand Total
	T Y P E				Total	
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	-	-	28,256	34,460
T O T A L	33,524	97,541	17,774	39,339	154,654	188,178

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TABLE R11: (CONT'D)

Ownership Zone/Year	P R I V A T E				IN '000 KMs.	
	P U B L I C	T Y P E			Total	Grand Total
1984/85	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	Total	Total
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
T O T A L	34,055	116,425	22,856	48,018	187,299	221,354

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

TABLE R11: (CONT'D)

IN '000 KMs.

Ownership Zone/Year	PUBLIC	PRIVATE			Total	Grand Total
	TYPE					
1985/86	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks	Total	
1	2,843	16,819	5,735	7,460	30,014	32,857
2	122	12,164	3,094	8,253	23,517	23,639
3	136	9,282	8,894	33,520	51,696	51,832
4	1,173	11,866	8,814	10,620	31,300	32,473
5	22,304	75,228	-	-	75,228	97,532
6	5,608	33,350	-	-	33,350	38,958
TOTAL	32,186	158,709	26,537	59,859	245,105	277,291

TABLE R11: (CONT'D)

IN '000 KM.

Ownership Zone/Year	P U B L I C		P R I V A T E			Grand Total
	T Y P E				Total	
1986/87	Heavy Trucks	Heavy Trucks	Medium Trucks	Small Trucks		
1	469	10,931	10,446	8,309	29,686	30,155
2	43	11,442	3,304	8,587	23,333	23,376
3	2,714	10,292	7,774	32,551	50,617	53,331
4	655	10,438	7,222	21,708	39,368	40,023
5	31,489	49,873	-	-	49,873	81,362
6	4,664	35,894	-	-	35,894	40,558
Asmara	1,423	3,769	983	1,262	6,014	7,437
T O T A L	41,457	132,639	29,729	72,417	234,785	276,242

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

TABLE R12: FREIGHT - KILOMETERS PERFORMED BY OWNERSHIP AND ZONE IN ETHIOPIA*

TON/K.M. IN MILLION

Zone	1983/84			1984/85		
	Ownership		Total	Ownership		Total
	Public	Private		Public	Private	
1	27.56	228.47	256.03	18.67	203.26	221.93
2	5.52	140.92	146.44	3.10	152.64	155.74
3	2.86	140.11	142.97	3.47	145.48	148.95
4	10.48	151.48	161.96	14.34	171.64	185.98
5	536.20	465.79	1,001.99	500.53	494.54	995.07
6	-	-	-	-	-	-
Total	582.62	1,126.77	1,709.39	540.11	1,167.56	1,707.67

* Year Ending July 7

TABLE R12: (CONT'D)

TON/KM. IN MILLION

Zone	1985/86			1986/87		
	Ownership		Total	Ownership		Total
	Public	Private		Public	Private	
1	16.68	200.62	217.30	4.93	151.18	156.11
2	1.47	143.98	145.45	0.86	146.46	147.32
3	2.18	166.64	168.82	0.77	166.58	167.35
4	12.59	177.93	190.52	12.31	179.12	191.43
5	442.78	885.33	1,328.11	481.98	855.57	1,337.55
6	-	-	-	-	-	-
Asmara	-	-	-	9.10	44.40	53.50
Total	475.7	1,574.5	2,050.2	509.95	1,543.31	2,053.26

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

TABLE R13: QUANTITY OF FUEL TRANSPORTED BY OWNERSHIP AND M³/KM. PERFORMED IN ETHIOPIA.

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
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
1986/87	111,665	83.52	889,984	552.27	1,001,649	635.79

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* Year Ending July 7

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

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 DEATHS				NUMBER OF PERSONS INJURED			
	Light	Heavy	Fatal	Property Damage	Total	Young	Matured**	Old	Total	Young	Matured**	Old	Total
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
1986/87	1,871	1,909	1,120	3,093	7,993	379	851	117	1,347	2,225	4,036	396	6,657

* 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
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
1986/87	643	448	128	846	2,065	53	74	19	146	442	708	103	1,253

* Year Ending July 7

** 19-55 Years of age

Source:- Police Headquarters, Addis Ababa.

TABLE R16: NUMBER OF ROAD MOTOR VEHICLES' TRAFFIC ACCIDENTS IN ETHIOPIA AND ADDIS ABABA
BY TYPE OF VEHICLES*

VEHICLES INVOLVED BY TYPE	1983/84		1984/85		1985/86		1986/87	
	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa	Ethiopia	Addis Ababa
Private Cars	814	400	756	427	939	626	894	600
Taxi	217	185	317	195	448	332	496	358
Buses	483	98	562	90	603	134	617	152
Trucks	939	122	1,014	92	1,138	155	1,189	194
Government Cars	1,165	325	1,273	240	1,513	380	1,521	383
Military Cars	428	62	453	80	511	120	540	137
Diplomatic Cars	34	24	26	21	41	28	64	42
United Nations Cars	43	35	59	30	170	89	269+	112+
Motor Cycles	64	18	46	9	60	28	66	34
Cycles	54	-	48	6	52	11	40	8
Cart	44	-	46	-	40	-	47	-
Special Vehicles	81	-	51	-	107	-	99	9
Others	57	21	81	14	55	21	74	33
T O T A L	4,423	1,290	4,732	1,204	5,677	1,924	5,916	2,062

+ Includes Other International Organizations.

* Year Ending July 7

Source:- Police Headquarters, Addis Ababa.

Railway Statistics

This part 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 carries passengers and freight, the latter consisting of more 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 1986/87 there were 2592 employees of which 2223 were Ethiopians. The rolling stocks have also declined in number. The number of passengers increased by 14.3 percent in the same year over that of 1985/86.

Tables W₅, W₆ and W₇ provide data on the volume of imports, exports and domestic goods transported by the railway company, respectively. The volume of imports carried in 1986/87 fell by 21.0 percent in comparison with that of 1985/86 where as the volume of exports has increased by 25.1 percent for the same period.

Table W₈ shows the financial statement of the company. Revenue has increased from birr 30.1 million in 1985/86 to birr 34 million in 1986/87. More than half of it was generated by freight. Expenditure has also risen from birr 30.6 million to 36.1 million for the same period making an increase of 17.9 percent. Despite the increase in revenue the company incurred a loss of 2.1 million birr in 1986/87.

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

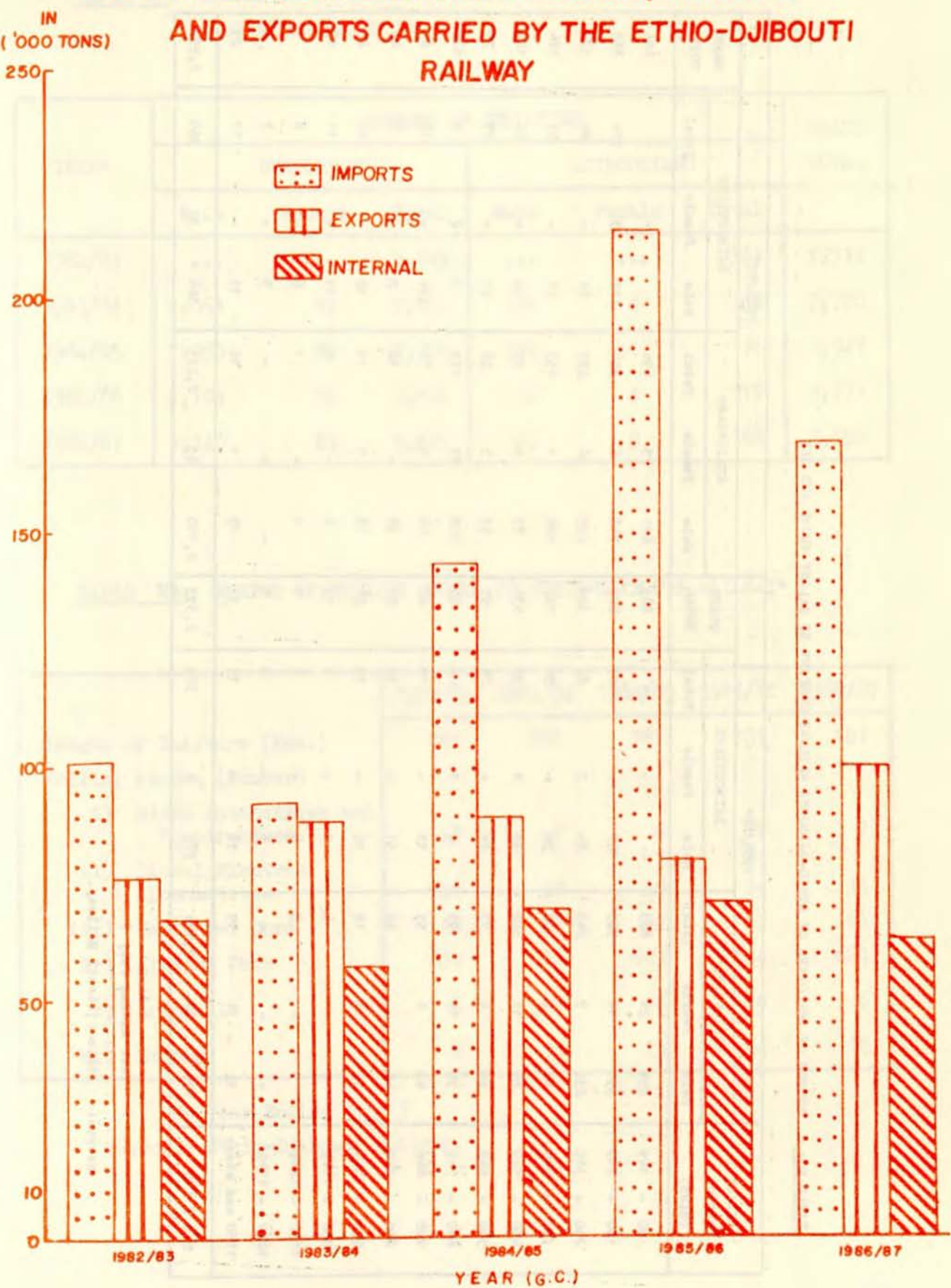


TABLE W1: NUMBER OF EMPLOYEES OF ETHIO-DJIBOUTI RAILWAY COMPANY BY SALARY GROUP AND SEX

SALARY GROUP (BIRR)	1985/86*							1986/87*						
	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL	ETHIOPIANS			DJIBOUTIANS			GRAND TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total	
50 - 149	859	24	883	-	-	-	883	671	25	696	-	-	-	696
150 - 249	551	14	565	107	-	107	672	748	6	754	111	3	114	868
250 - 349	236	7	243	84	2	86	329	227	10	237	84	-	84	321
350 - 449	96	6	102	50	-	50	152	126	7	133	51	-	51	184
450 - 549	89	11	100	33	1	34	134	83	9	92	32	-	32	124
550 - 649	69	4	73	24	-	24	97	53	5	58	21	-	21	79
650 - 749	76	15	91	5	1	6	97	108	15	123	1	2	3	126
750 - 849	49	6	55	13	-	13	68	46	4	50	14	-	14	64
850 - 949	40	-	40	11	-	11	51	38	-	38	7	-	7	45
950 - 1049	17	1	18	10	-	10	28	18	1	19	10	-	10	29
1050 - 1149	6	-	6	9	-	9	15	6	-	6	11	-	11	17
1150 - 1249	3	-	3	6	-	6	9	1	-	1	6	-	6	7
1250 - 1349	-	-	-	5	-	5	5	-	-	-	5	-	5	5
1350 and above	14	1	15	18	-	18	33	15	1	16	11	-	11	27
T O T A L	2,105	89	2,194	375	4	379	2,573	2,140	83	2,223	364	5	369	2,592

* 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	
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
1986/87	2,140	83	2,223	364	5	369	2,592

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

	1982/83	1983/84	1984/85	1985/86	1986/87
Length of Railways (Kms.)	781	781	781	781	781
Rolling Stocks (Number)					
i) Steam Locomotives and Locotactors	5	7	4	7	7
ii) Diesel-Electric Locomotives	21	30	30	34	34
iii) Passenger Cars	45	57	52	63	63
iv) Freight Cars	630	630	603	624	624
v) Autorails	5	7	6	6	6
vi) Others	8	14	13	14	10

* Year Ending July 7

Source:- Ethio-Djibouti Railway.

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

Year*	PASSENGERS ('000)			Passenger-(Kms.) (Million)	Average Kms. per Passenger	FREIGHT ('000Tons)				Commercial Traffic Million-Ton.Kms	Average Kms. per Ton of Comm. Traffic
	1st and 2nd Class	3rd Class	Total			Import	Export	Internal traffic	Total		
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
1986/87	109	1,096	12,049	315	261	170.5	101.1	63.8	335.4	150	447

Year Ending July 7
Source:- Ethio-Djibouti Railway.

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

COMMODITY	QUANTITY IN '000 TONS				
	1982/83	1983/84	1984/85	1985/86	1986/87
Feed and Live Animals	46.0	17.3	97.6	142.5	71.8
Beverages and Tobacco	0.1	-	0.3	0.5	0.4
Crude Materials, Except Fuels	9.4	0.2	5.7	0.7	0.7
Fuels, Lubricants and Related Materials	35.7	34.0	29.2	34.4	41.5
Animal and Vegetable Oils and Fats	-	-	0.2	0.003	-
Chemicals	2.8	16.6	3.0	7.1	15.0
Manufactured Articles	2.7	19.3	2.3	21.9	32.9
Machinery and Transport Equipment	2.3	1.9	1.4	2.1	2.4
Miscellaneous Articles, n.e.s.	3.0	4.1	4.8	7.5	6.3
T O T A L	102.0	93.4	144.5	216.5	171.0

* Year Ending July 7
Source:- Ethio-Djibouti Railway.

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

C O M M O D I T Y	Q U A N T I T Y I N ' 0 0 0 T O N S				
	1982/83	1983/84	1984/85	1985/86	1986/87
Food and Live Animals	69.7	84.5	41.3	76.8	93.5
Beverages and Tobacco	-	-	0.1	0.2	0.09
Crude Materials Except Fuels	2.5	0.3	38.9	0.2	0.2
Fuels, Lubricants and Related Materials	-	-	-	-	-
Animal and Vegetable Oils and Fats	-	-	0.8	-	-
Chemicals	-	-	-	-	-
Manufactured Goods	0.1	0.3	-	0.1	0.4
Machinery and Transport Equipment	-	0.1	0.4	0.1	0.1
Miscellaneous Articles, n.e.s.	4.4	3.9	8.8	3.3	6.7
T O T A L	76.7	89.1	90.3	80.7	101.0

* Year Ending July 7

Source:- Ethio-Djibouti Railway.

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

C O M M O D I T Y	Q U A N T I T Y I N ' 0 0 0 T O N S				
	1982/83	1983/84	1984/85	1985/86	1986/87
Food and Live Animals	39.9	35.7	50.6	56.6	45.1
Beverages and Tobacco	2.3	0.7	2.8	0.8	1.0
Crude Materials, Except Fuels	2.0	3.9	1.0	1.4	2.4
Fuels, Lubricants and Related Materials	0.7	0.4	0.4	0.2	0.3
Animal and Vegetable Oils and Fats	-	-	0.8	-	-
Chemicals	1.0	0.6	0.3	0.4	1.0
Manufactured Articles	17.8	13.6	11.6	10.8	10.0
Machinery and Transport Equipment	2.1	1.1	1.2	1.1	1.7
Miscellaneous Goods, n.e.s.	2.3	2.0	1.4	1.2	2.2
T O T A L	68.1	58.0	70.1	72.5	63.7

* Year Ending July 7

Source:- Ethio-Djibouti Railway.

TABLE W8: FINANCEAL 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 '000 Birr)			
	Passenger	Freight	Others	Total	Personnel	Material and Others	Provisions for Workers and Renewal	Total
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
1986/87	11,138	18,612	4,301	34,051	16,395	13,568	6,179	36,142

* Year Ending July 7

+ Includes Interest Payment.

Source:- Ethio-Djibouti Railway.

Harbour, Inland Waterways and Shipping Lines Statistics

The information here deals with the activities of ports, inland Waterways and Shipping Lines Corporation. The quantity of registered tonnage, cargo loaded and unloaded, number of ships that called at both ports, passengers transported and employees of Ethiopian Shipping Lines Corporation are presented.

Tables H₁ and H₂ indicate the operations of the ports of Assab and Massawa, respectively. The ships that called at both ports in 1986/87 have declined in number. The cargo loaded and unloaded has also gone down. Assab handled 72.9 percent of all ships and 85.7 percent of the total cargo in 1986/87 and Massawa dealt with the rest of the traffic.

Tables H₃ and H₄ state the volume and value of imports and exports handled at both ports, respectively. The volume of imports unloaded at Assab slightly declined by 6.0 percent in 1987 where as the quantity of exports went up by 35.2 percent in the same year. The volume of imports unloaded and exports shipped at Massawa fell by 75.5 and 62.0 percent in 1987, respectively, in comparison with that of the preceding year. 95 percent of the total imports was unloaded and the same proportion of exports shipped at Assab in 1987.

Table H₅ shows the activities of inland waterways. Some of the lakes and rivers in the country are used in the transportation of passengers and freight. Lakes Tana, Abaya, Chamo and rivers Baro and Akobo are used for this purpose. More than 104 thousand passengers and 2 thousand tons of freight were carried on these lakes and rivers in 1986/87.

Tables H₆, H₇, and H₈ show the number of employees of Ethiopian Shipping Lines Corporation, vessels in use and quantity of freight carried, respectively. Table H₉ states the financial conditions of the corporation. Unlike the previous year the corporation made a profit of about 980 thousand birr in 1986/87.

FIG.-10 IMPORT-EXPORT VIA ASSAB

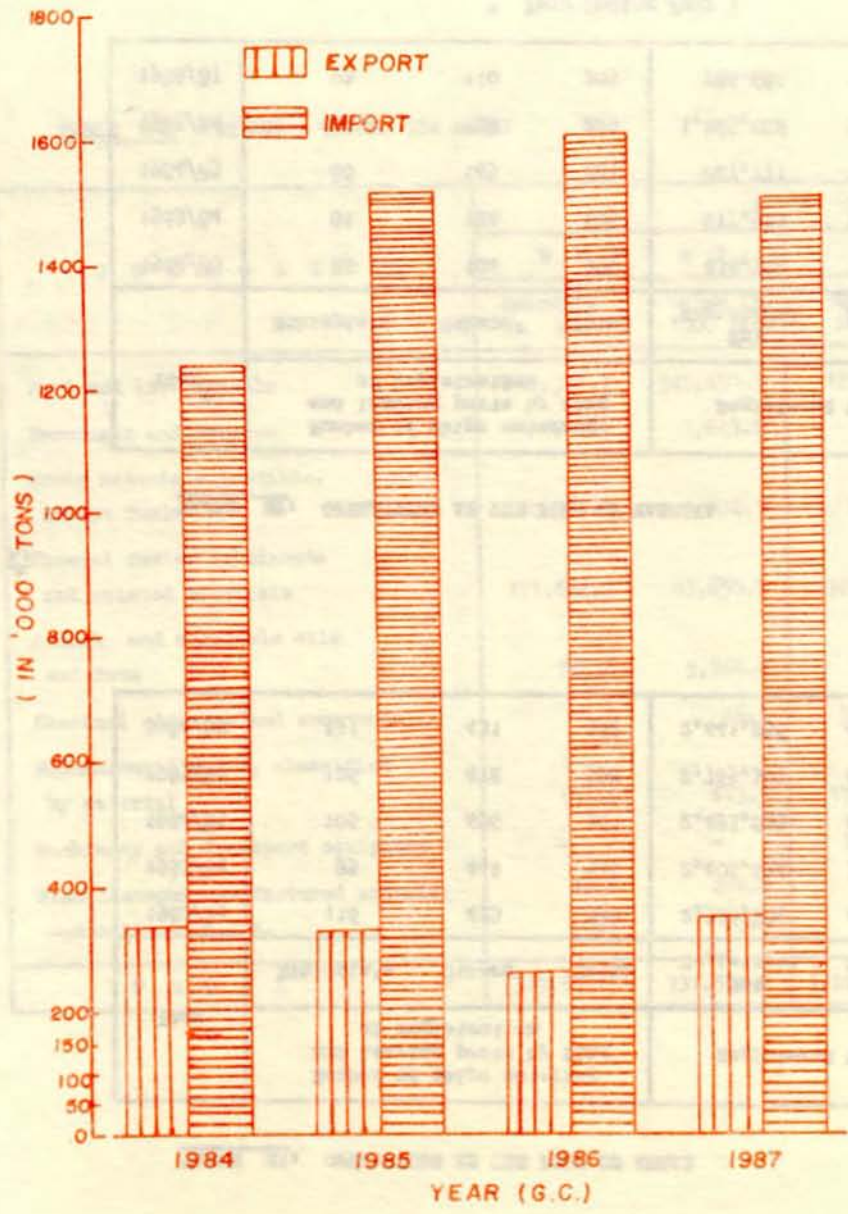


FIG.-11 IMPORT-EXPORT VIA MASAWA IN '000 TONS

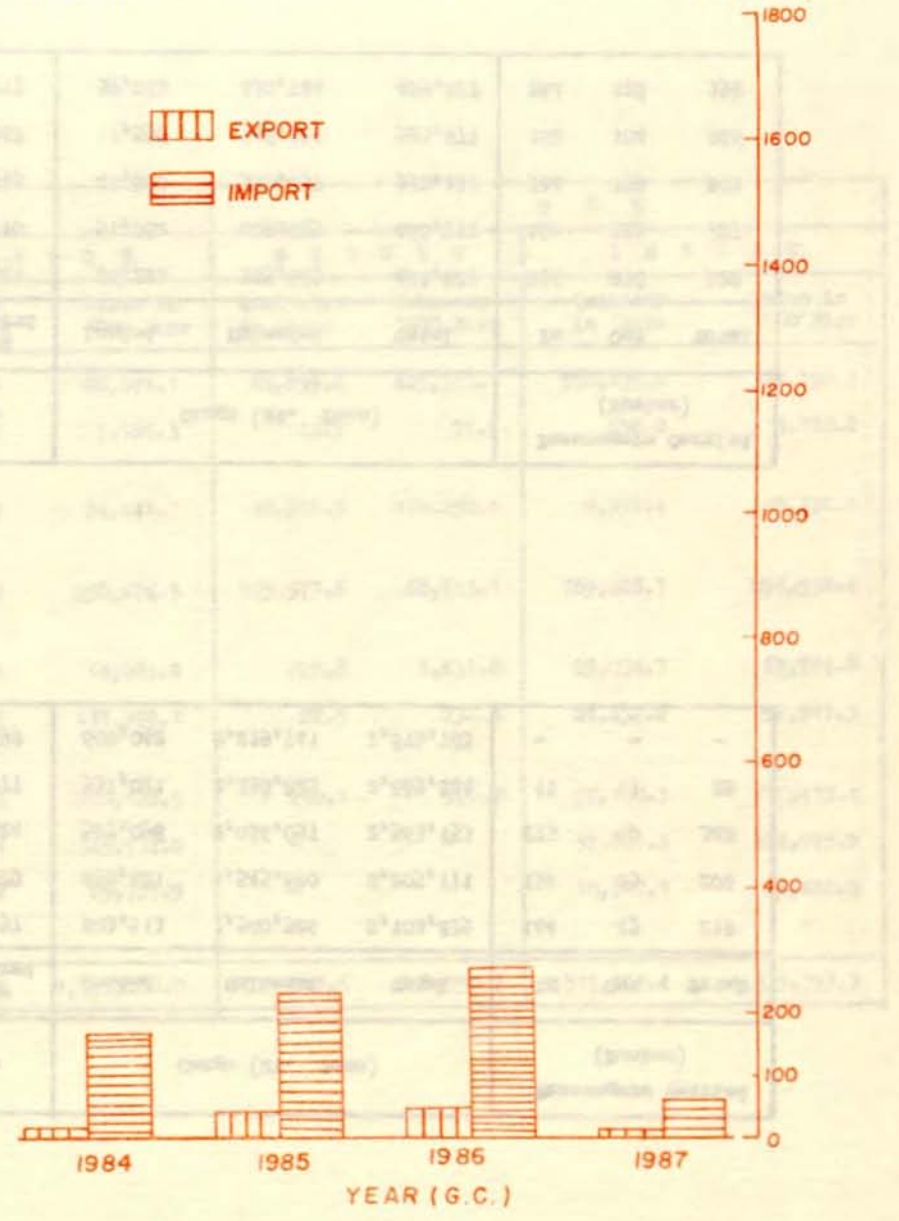


TABLE H1: OPERATIONS AT THE PORT OF ASSAB

Year *	Number of ships entering and leaving ports by flag of registration			Registered Tonnage		Cargo (Mt. Tons)			Passengers Carried (Number)		
	Ethiopia's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
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
1986/87	131	431	562	2,441,256	4,187,699	600,042	2,219,741	2,819,783	-	-	-

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TABLE H2: OPERATIONS AT THE PORT OF MASSAWA

Year *	Number of ships entering and leaving ports by flag of registration			Registered Tonnage		Cargo (Mt. Tons)			Passengers Carried (Number)		
	Ethiopia's	Others'	Total	Net Registered	Gross Registered	Loaded	Unloaded	Total	In	Out	Total
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
1986/87	99	110	209	786,681	1,263,717	39,083	430,744	469,827	264	128	392

* Year Ending July 7

Source: Marine Transport Authority.

TABLE H3: EXPORT - IMPORT VIA ASSAB

C O M M O D I T Y	1 9 8 4				1 9 8 5			
	E X P O R T		I M P O R T		E X P O R T		I M P O R T	
	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr
Food and Live animals	113,311.7	545,650.5	137,221.1	86,071.1	84,859.4	445,343.7	520,439.6	311,730.9
Beverages and Tobacco	704.9	1,243.0	364.4	5,185.3	44.7	77.5	658.8	5,110.2
Crude materials inedible, except fuels	32,981.9	114,632.7	8,588.7	24,441.7	18,928.5	112,250.6	6,992.4	15,832.2
Mineral fuels, lubricants and related materials	171,614.2	63,850.7	781,018.2	350,674.5	225,571.6	68,613.1	769,488.7	296,538.4
Animal and vegetable oils and fats	755.8	5,260.0	7,102.9	14,083.9	228.8	1,631.8	29,034.7	67,784.8
Chemical elements and compounds	7.0	26.1	99,693.7	137,979.1	22.5	234.3	85,452.2	99,917.5
Manufactured goods, classified by material	151.1	613.5	171,412.6	198,122.5	290.1	399.7	57,100.3	177,413.4
Machinery and Transport equipment	-	-	35,377.1	345,734.0	-	-	37,867.6	332,975.9
Miscellaneous manufactured articles commodities n.e.s.	10.8	269.8	3,230.2	29,727.9	-	-	10,117.1	28,490.0
	0.1	7.4	-	-	-	-	-	-
T O T A L	319,537.5	731,553.7	1,244,008.9	1,192,020.0	329,945.6	628,550.7	1,517,151.4	1,335,793.3

TABLE B3: (CONT'D)

C O M M O D I T Y	1 9 8 6				1 9 8 7*			
	E X P O R T		I M P O R T		E X P O R T		I M P O R T	
	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr
Food and Live animals	82,067.0	725,489.0	560,934.9	306,203.1	89,601.7	421,370.6	407,795.9	170,215.4
Beverages and Tobacco	33.0	46.0	129.2	3,013.7	28.8	26.1	576.0	7,042.0
Crude materials inedible, except fuels	21,221.0	112,289.0	8,674.1	18,189.6	25,409.7	134,585.1	8,836.9	27,297.3
Mineral fuels, lubricants and related materials	161,309.0	23,340.0	764,624.2	200,956.1	242,485.8	43,523.4	12,460.8	219,293.9
Animal and vegetable oils and fats	134.0	939.0	24,174.3	43,502.7	315.2	1,399.2	11,741.2	13,413.2
Chemical elements and compounds	-	-	128,411.7	162,856.1	16.2	93.4	172,771.0	183,718.7
Manufactured goods, classified by material	16.0	196.0	63,486.8	198,536.9	50.4	249.2	65,415.1	170,958.2
Machinery and Transport equipment	-	-	56,358.9	501,358.7	-	-	51,413.7	526,169.2
Miscellaneous manufactured articles	-	-	6,992.4	36,298.8	21.1	434.4	5,580.0	37,526.7
Commodities n.e.s.	-	-	3.7	25.8	-	-	7.0	197.5
T O T A L	264,780.0	862,299.0	1,613,790.2	1,470,941.5	357,928.9	601,681.4	1,516,597.6	1,355,832.1

* Provisional

Source: Customs and Excise Tax Administration.

TABLE HA: EXPORT - IMPORT VIA MASSAWA

C O M M O D I T Y	1 9 8 4				1 9 8 5			
	E X P O R T		I M P O R T		E X P O R T		I M P O R T	
	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr
Food and Live animals	9,500.8	5,314.8	137,437.3	72,213.3	6,111.0	1,656.3	191,782.9	127,970.2
Beverages and Tobacco	533.1	627.3	74.2	1,240.6	227.1	199.5	5.5	15.2
Crude materials inedible, except fuels	14,372.6	8,041.4	3,066.8	3,575.7	35,477.7	8,916.0	2,250.8	6,797.7
Mineral fuels, lubricants and related materials	-	-	5,373.5	7,452.9	-	-	2,145.6	4,268.0
Animal and vegetable oils and fats	-	-	2,807.9	8,255.8	-	-	14,533.9	26,373.0
Chemical elements and compounds	-	-	11,019.9	18,713.5	-	-	6,109.1	9,127.1
Manufactured goods, classified by material	51.6	58.8	10,803.4	21,831.8	-	-	6,980.5	14,291.5
Machinery and transport equipment	-	-	1,088.7	16,875.6	-	-	1,906.4	23,578.9
Miscellaneous manufactured articles	-	-	359.5	3,296.9	-	-	114.0	919.4
Commodities n.e.s.	-	-	-	-	-	-	-	-
T O T A L	24,458.1	14,042.3	172,031.2	153,456.1	41,814.8	10,771.8	225,828.7	213,341.0

TABLE H4: (CONT'D)

C O M M O D I T Y	1 9 8 6				1 9 8 7*			
	E X P O R T		I M P O R T		E X P O R T		I M P O R T	
	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr	Quantity in tons	Value in '000 Birr
Food and Live animals	3,194.0	897.0	224,948.7	148,471.5	5,604.1	4,823.7	41,184.0	26,868.5
Beverages and Tobacco	2.0	21.0	28.5	100.9	-	-	105.9	1,501.9
Crude materials inedible except fuels	41,129.0	6,305.0	4,158.7	3,719.4	11,566.5	8,621.6	1,971.4	1,930.3
Mineral fuels, lubricants and related materials	-	-	4,258.2	8,578.5	-	-	3,107.5	5,532.3
Animal and vegetable oils and fats	825.0	239.0	9,851.2	13,552.4	2.5	17.0	2,407.4	2,914.2
Chemical elements and compounds	-	-	11,012.9	15,949.3	-	-	5,698.4	10,220.0
Manufactured goods, classified by material	-	-	7,583.8	19,466.9	-	-	9,664.7	21,649.0
Machinery and transport equipment	-	-	6,540.8	23,920.2	-	-	1,422.6	23,238.1
Miscellaneous manufactured articles	-	-	246.5	1,599.4	-	-	204.2	3,597.6
Commodities n.e.s.	-	-	-	-	-	-	-	-
T O T A L	45,150.0	7,462.0	268,629.3	235,358.5	17,173.1	13,462.3	65,766.1	97,451.9

* Provisional

Source: Customs and Excise Tax Administration.

TABLE H5:

ACTIVITIES OF INLAND WATERWAYS

Name (Lake or River)	1983/84			1984/85		
	No. of Boats	Passengers Carried (Number)	Freight Carried (kg)	No. of Boats	Passengers Carried (Number)	Freight Carried (kg)
Lake Tana	9	52,754	2,144,221	8	73,898	1,633,700
Baro and Akobo (Rivers)	3	1,011	556,140	3	- 415	400,500
Abaya and Chamo (Lakes)	3	32,410	143,796	3	12,534	82,600
T O T A L	15	86,175	2,844,157	14	86,847	2,116,800

TABLE H5:

(CONT'D)

Name (Lake or River)	1985/86			1986/87		
	No. of Boats	Passengers Carried (Number)	Freight Carried (kg)	No. of Boats	Passengers Carried (Number)	Freight Carried (kg)
Lake Tana	8	79,990	1,709,700	8	96,153	2,007,225
Baro and Akobo (Rivers)	2	2,310	370,900	2	8,400	41,814
Abaya and Chamo (Lakes)	2	8,926	72,000	2	-	-
T O T A L	12	91,226	2,152,600	12	104,553	2,049,039

* 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								
	1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	1	3	4	1	3	4	1	3	4
150 - 249	8	3	11	22	5	27	24	5	29
250 - 349	28	2	30	30	2	32	24	-	24
350 - 449	95	8	103	113	5	118	112	9	121
450 - 549	41	8	49	41	8	49	41	6	47
550 - 649	38	3	41	43	4	47	46	3	49
650 - 749	37	7	44	37	6	43	46	8	54
750 - 849	10	-	10	11	-	11	8	-	8
850 - 949	20	-	20	20	-	20	35	1	36
950 - 1049	-	1	1	-	1	1	-	1	1
1050 - 1149	4	1	5	5	1	6	3	-	3
1150 - 1249	3	-	3	2	-	2	4	-	4
1250 - 1349	2	1	3	1	1	2	2	1	3
1350 & above	23	-	23	73	-	73	83	-	83
T O T A L	310	37	347	399	36	435	429	37	466

* 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	
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
1986/87	12	65,121	34,877	92,872

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	
1982/83	7	69,290	152,729	220,019	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
1986/87	12	54,368	227,088	281,456	95,122	165,627	260,749	542,205

* 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

IN *000 BIRR

Years*	Revenue by Source	Expenditure by purpose
	Cargo Lifting	Operating and Overhead costs
1982/83**	87,600	76,700
1983/84**	101,567	85,313
1984/85	96,397	85,478
1985/86	99,997	102,532
1986/87	105,944	104,965

* Year Ending July 7

** Estimates

Source: Ethiopian Shipping Lines Corporation.

Aviation Statistics

Aviation is the fastest of all modes of transport that covers great distance and narrows the gap in transportation. Air transport takes part in the socio-economic development of Ethiopia.

Data on the number of persons employed, passengers flown, aircraft landings and take-offs, type of airports and aircraft involved, volume of cargo ferried and financial operations of the Ethiopian Air Lines are presented here in.

In 1986/87 the Civil Aviation Authority had a staff of 951 almost half of which were administrative and the remaining technical personnel. The Authority administered 22 domestic and 3 international (Bole in Addis, Yohannes IV in Asmara and Yilma Aba Tena in Dire Dawa) airports which operate regularly. Its capital expenditure rose from Birr 2.7 million in 1982/83 to Birr 40.7 million in 1986/87. This sharp rise is largely attributed to the construction of new airports.

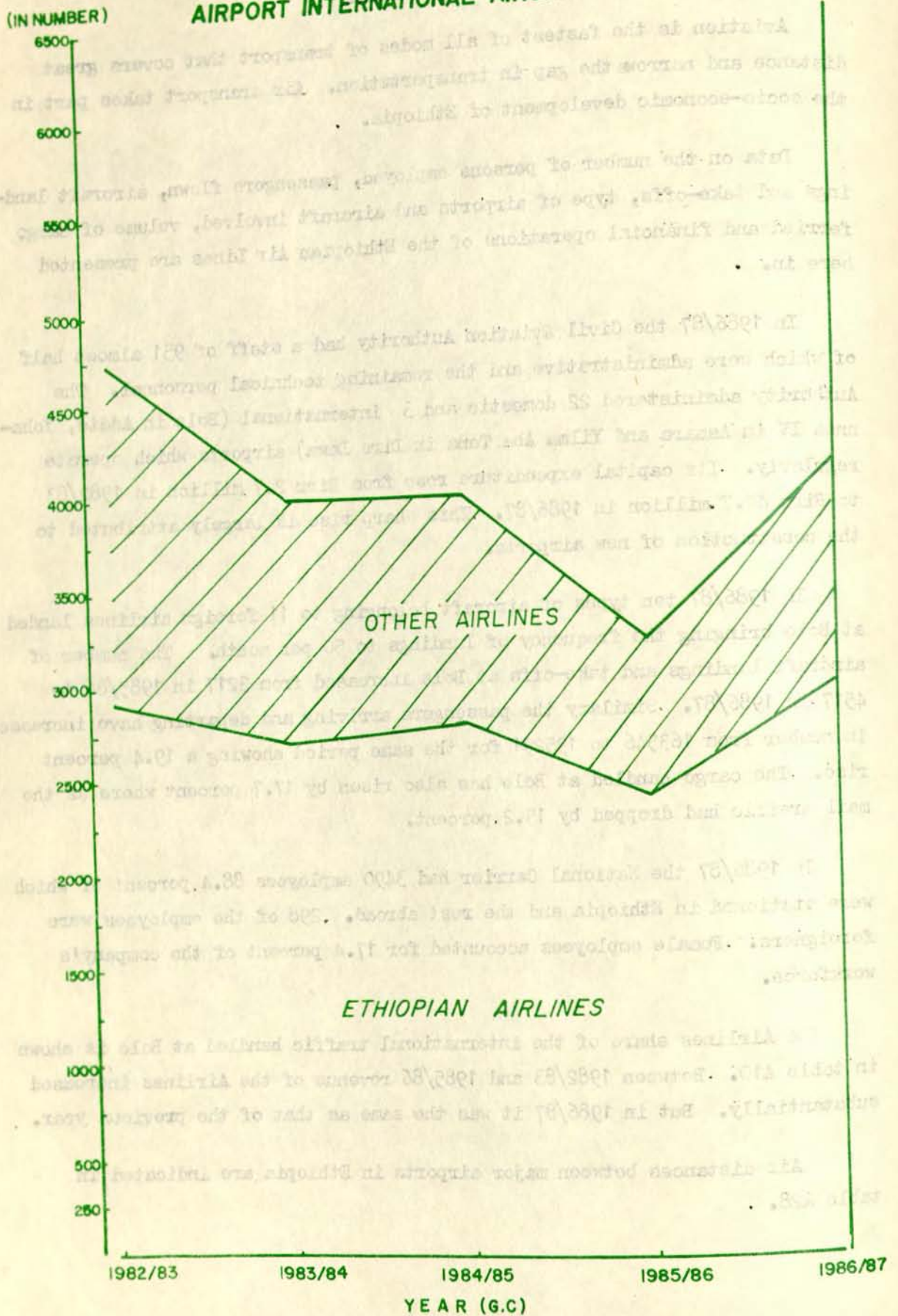
In 1986/87 ten types of aircraft belonging to 11 foreign airlines landed at Bole bringing the frequency of landings to 50 per month. The number of aircraft landings and take-offs at Bole increased from 3217 in 1985/86 to 4517 in 1986/87. Similarly the passengers arriving and departing have increased in number from 163546 to 195291 for the same period showing a 19.4 percent rise. The cargo handled at Bole has also risen by 17.7 percent where as the mail traffic had dropped by 15.2 percent.

In 1986/87 the National Carrier had 3490 employees 88.4 percent of which were stationed in Ethiopia and the rest abroad. 298 of the employees were foreigners. Female employees accounted for 17.4 percent of the company's workforce.

The Airlines share of the international traffic handled at Bole is shown in table A10. Between 1982/83 and 1985/86 revenue of the Airlines increased substantially. But in 1986/87 it was the same as that of the previous year.

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

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



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

FIG-13 DOMESTIC PASSENGERS (IN '000)

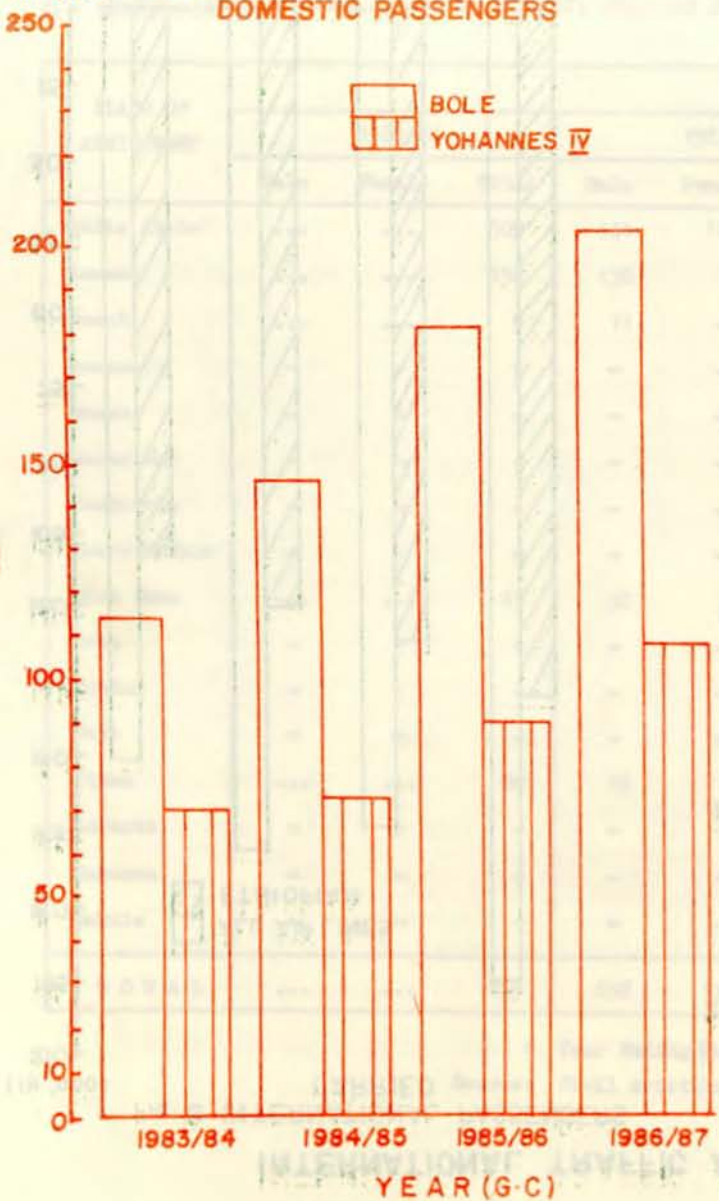


FIG-14 DOMESTIC FREIGHT (IN '000 TONS)

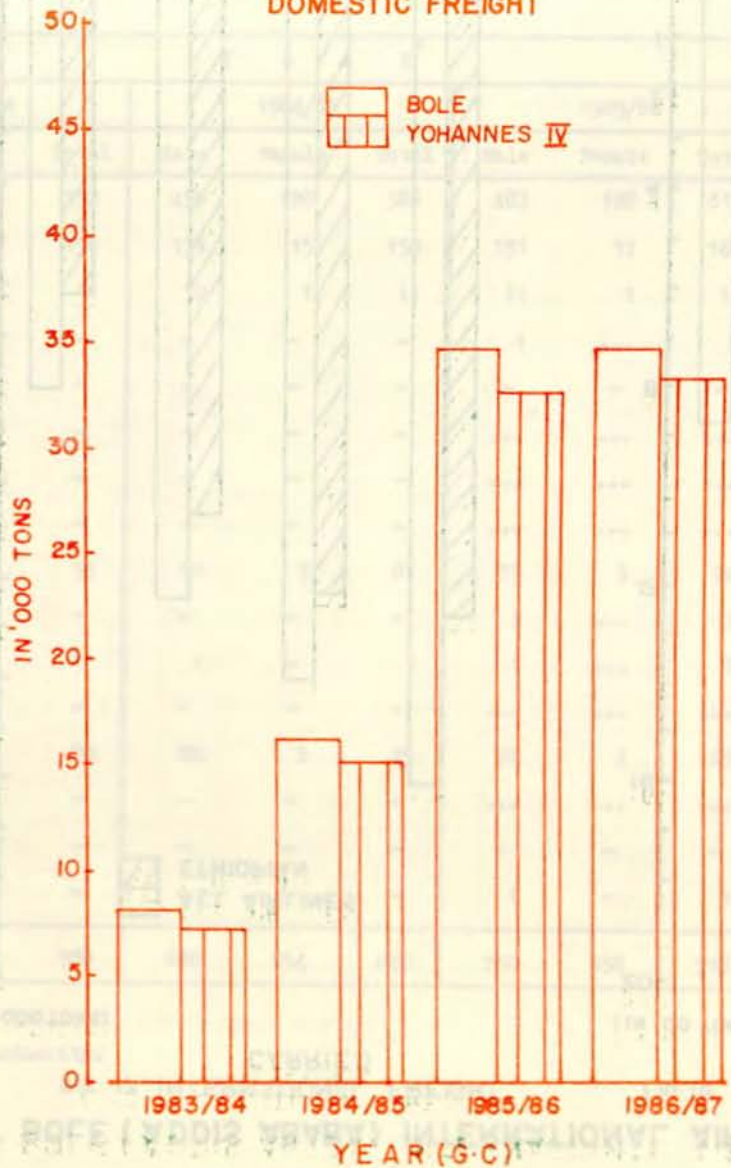
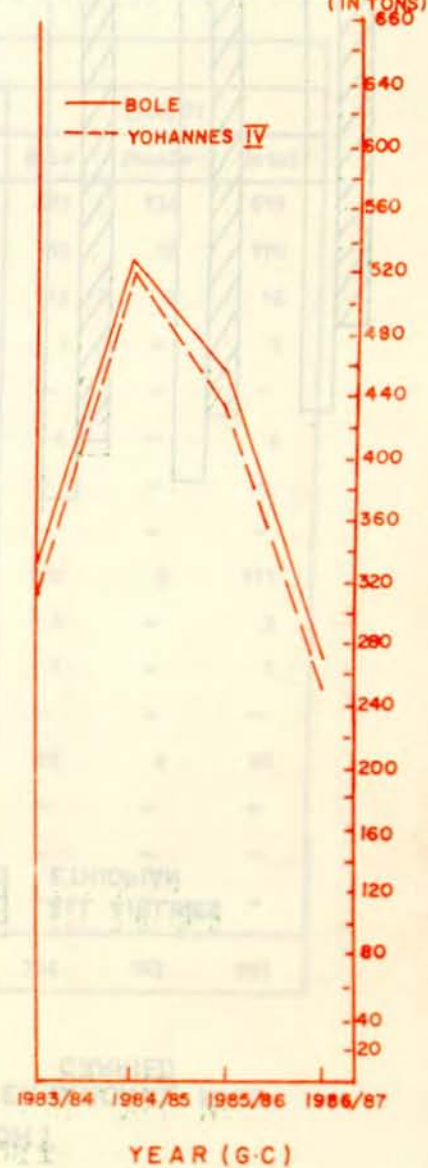


FIG-15 DOMESTIC MAIL (IN TONS)



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INTERNATIONAL TRAFFIC AT BOLE (ADDIS ABABA) INTERNATIONAL AIRPORT

FIG-16 INTERNATIONAL PASSENGERS CARRIED

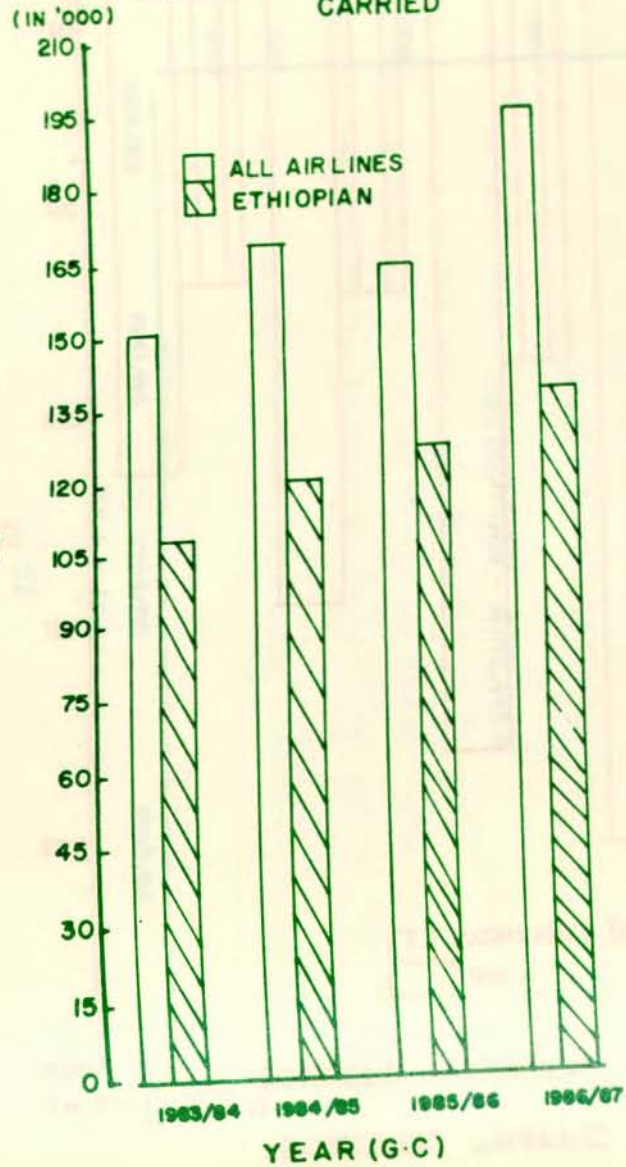


FIG-17 INTERNATIONAL FREIGHT CARRIED

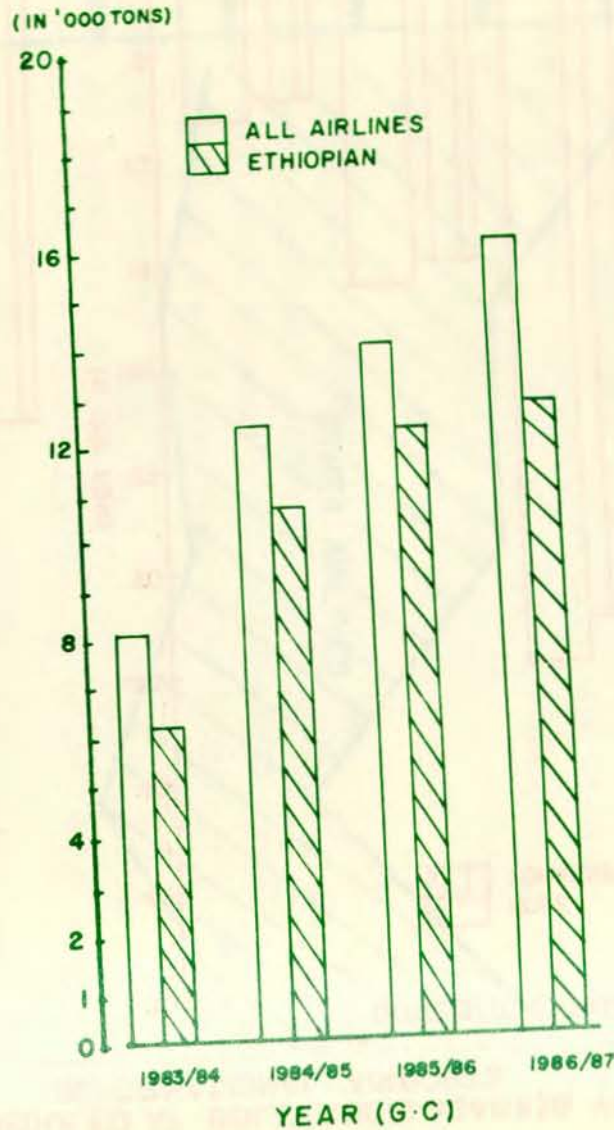


FIG-18 INTERNATIONAL MAIL CARRIED

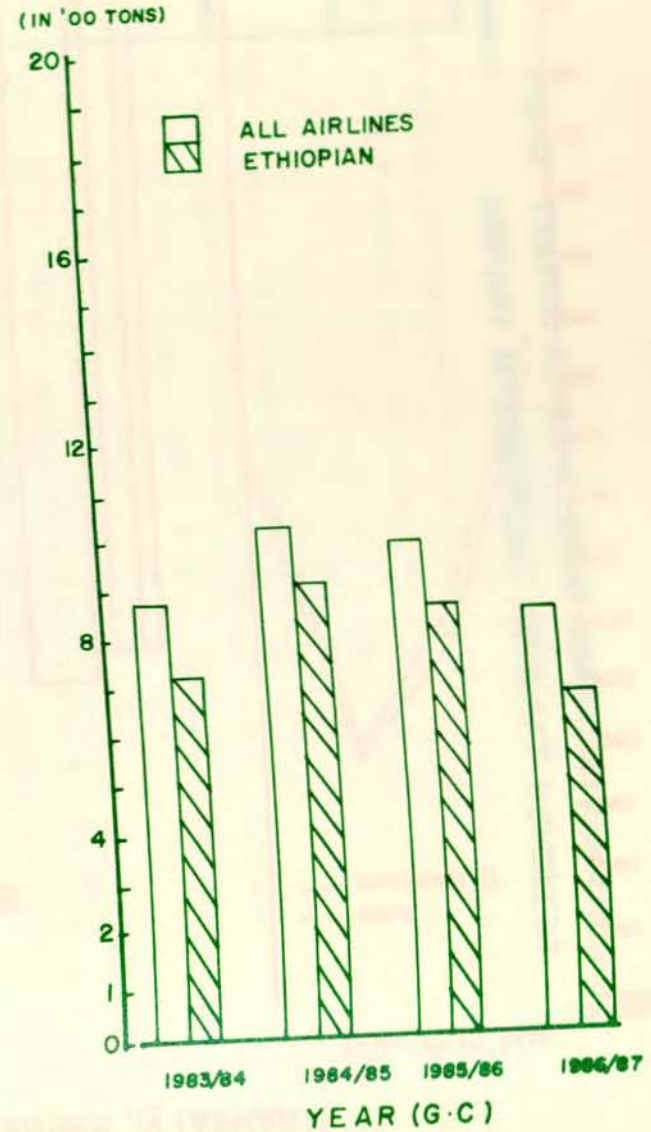


TABLE A1: NUMBER OF EMPLOYEES OF CIVIL AVIATION AUTHORITY BY PLACE OF ASSIGNMENT AND SEX

PLACE OF ASSIGNMENT	Y E A R *														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Addis Ababa	509	441	111	552	458	128	586	483	128	611	485	134	619
Asmara	156	138	12	150	135	15	150	151	17	168	152	18	170
Assab	9	11	-	11	10	1	11	13	1	14	14	2	16
Awassa	-	-	-	-	-	-	-	-	-	1	...	1	1	-	1
Awash	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bahar Dar	-	-	-	-	-	-	-	-	-	4	-	4
Comboloha	-	-	-	-	-	-	-	-	-	-	-	-
Debre Markos	-	-	-	-	-	-	-	-	-	-	-	-
Dire Dawa	61	50	5	55	60	7	67	85	9	94	102	9	111
Goba	-	-	-	-	-	-	-	-	-	3	...	3	3	-	3
Gondar	-	-	-	-	-	-	1	-	1	1	...	1	1	-	1
Gore	-	-	-	-	-	-	-	-	-	-	-	-
Jimma	20	18	2	20	22	3	25	22	3	25	22	4	26
Lokente	-	-	-	-	-	-	-	-	-	-	-	-
Massawa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Makale	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-
T O T A L	755	658	130	788	686	154	840	760	158	918	784	167	951

* 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														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	45	51	50	101	39	14	53	31	13	44	34	13	47
150 - 249	182	104	30	134	161	56	217	184	61	245	203	63	266
250 - 349	163	137	20	157	132	35	167	126	32	158	135	39	174
350 - 449	128	146	10	156	142	17	159	134	15	149	132	15	147
450 - 549	125	146	10	156	142	17	159	134	15	149	132	15	147
550 - 649	56	103	16	119	73	25	98	121	24	145	120	24	144
650 - 749	26	25	-	25	56	3	59	66	6	72	63	6	69
750 - 849	17	56	4	60	51	4	55	54	7	61	51	7	58
850 - 949	9	12	-	12	11	-	11	16	-	16	17	-	17
950 - 1049	1	12	-	12	11	-	11	15	-	15	15	-	15
1050 - 1149	1	9	-	9	9	-	9	9	-	9	8	-	8
1150 - 1249	-	-	-	9	-	9	9	-	9	9	-	9	1	-	1
1250 - 1349	-	-	-	1	-	1	1	-	1	1	-	1	1	-	1
1350 & above	2	1	-	1	-	-	-	-	-	-	1	-	1
TOTAL	755	658	130	788	686	154	840	760	158	918	784	167	951

* Year Ending July 7

Source: Civil Aviation Authority.

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

OCCUPATION	Y E A R *														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Administrative Personnel	318	261	126	387	240	112	352	243	136	379	311	152	463
Technical Personnel	437	397	4	401	446	42	488	517	22	539	473	15	488
T O T A L	755	658	130	788	686	154	840	760	158	918	784	167	951

Note:- According to the definition used in 1982/83 Technical Personnel includes drivers, technicians, electricians, garage workers, navigation 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
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
1986/87	Addis Ababa	1,574	10,180	2	11,756
	Asmara	284	-	-	284
	Dire Dawa	26	5,000	-	5,026
	Others	23,671	-	-	23,671
	Total	25,555	15,180	2	40,737

* 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			
		1985/86		1986/87	
		T Y P E	FREQUENCY PER MONTH	T Y P E	FREQUENCY PER MONTH
01	AIR DJIBOUTI (DJ)	B-737	4	DC-9, B-737, B-720	8
02	AEROFLOT (SU)	TU-154	4	TU-154, IL-62	4
03	ALITALIA (AZ)	A-300, DC-8C	8	DC-8, AB-300	8
04	ALYEMIDA (DY)	B-707, B-737	4	B-707, B-737	4
05	CHINA (CA)	B-707	2	B-707	2
06	ETHIOPIAN AIRLINES (ET)	B-767, B-720, B-727, B-707C	-	B-797C, B-727, B-720, B-767	-
07	INTERFLUG (IF)	IL-62	4	IL-62	4
08	KENYA AIRWAYS (KQ)	DC-9	8	B-707, B-720, DC-9	8
09	LUFTHANSA (LH)	A-300, DC-8C	4	DC-8, AB-300	4
10	YEMEN AIRWAYS (IY)	B-727	4	B-727	4
11	SUDAN AIRWAYS**	-	-	B-737	4
	T O T A L		42		50

C- Freight only

* Year Ending July 7

** Started operation in June 1987

Source: Civil Aviation Authority

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

SR. NO.	Air Port	Administrative Region	Type
			International
01	Addis Ababa	Shewa	International
02	Asmara	Eritrea	"
03	Dire Dawa	Hararghe	"
04	Assab	Assab	Domestic
05	Assosa	Wellega	"
06	Arum	Tigray	"
07	Bahar Dar	Gojjam	"
08	Beica	Wellega	"
09	Dambi Dollo	Wellega	"
10	Dessie	Wollo	"
11	Gambella	Illubabor	"
12	Goba	Bale	"
13	Gode	Hararghe	"
14	Gonder	Gonder	"
15	Hmera	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	Yeffa	"

Notes:- There were 24 other airfields which served less than 1000 passengers during the year.

* Year Ending July 7

Source: Civil Aviation Authority.

TABLE A6:

(CONT'D), LIST OF AIRPORTS IN ETHIOPIA BY REGION AND TYPE,
1986/87 (1979 E.C.)

SR.	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	Dembi Dollo	Wellega	"
10	Dessie	Wollo	"
11	Gambella	Illubabor	"
12	Goba	Bale	"
13	Gode	Hararghe	"
14	Gonder	Gonder	"
15	Humera	Gonder	"
16	Jimma	Keffa	"
17	Maji	Keffa	"
18	Mekele	Tigray	"
19	Mekane Selam	Wollo	"
20	Massawa	Eritrea	"
21	Metema	Gonder	"
22	Shire	Tigray	"
23	Kebri Daher	Hararghe	"
24	Kelafo	Hararghe	"
25	Waka	Keffa	"

Note:- There were also some 20 airfields which served less than 1000 passengers during the year.

* Year Ending July 7

Source: Civil Aviation Authority.

TABLE A7: INTERNATIONAL AIRCRAFT MOVEMENTS BY TYPE OF FLIGHT AND AIRPORTS, 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***			TOTAL		
	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

TABLE A7: (CONT'D), 1986/87*

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***			TOTAL		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
Bole (Addis Ababa)	2,079	2,078	4,157	248	249	497	132	152	284	2,459	2,479	4,938
Yilma Abatena, Dej. (Dire Dawa)	360	362	722	8	9	17	6	4	10	374	375	749
Yohannes IV (Asmara)	132	149	281	47	48	95	32	28	60	211	225	436
T O T A L	2,571	2,589	5,160	303	306	609	170	184	354	3,044	3,079	6,123

* Year Ending July 7

** Non-scheduled: Private, special Military and Similar Flights.

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

Source: Civil Aviation Authority.

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

YEAR *	AIRCRAFT MOVEMENT	PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1986/87	3,678	106,679	98,740	205,419	12,782,100	21,737,700	34,519,800	62,200	208,200	270,400

* Year Ending July 7

Source: Civil Aviation Authority.

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

YEAR *	AIRCRAFT MOVEMENT	PASSENGERS				FREIGHT (KG.)			MAIL (KG)		
		IN	OUT	TRANSIT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1986/87	4,157	94,735	100,556	...	195,291	10,773,600	5,727,300	16,500,900	589,000	248,100	837,100

* Year Ending July 7

Source: Civil Aviation Authority.

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
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	859,000
1986/87	2,990	67,267	71,891	139,158	8,530,400	4,795,500	13,325,900	433,200	239,100	672,300

TABLE A10: (CONT'D)

YEAR *	AIRCRAFT MOVEMENT	OTHER AIR LINES								
		PASSENGERS			FREIGHT (KG.)			MAIL (KG.)		
		IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
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
1986/87	1,167	27,468	28,665	56,133	2,243,200	931,800	3,175,000	155,800	9,000	164,800

* Year Ending July 7

Source: Civil Aviation Authority.

TABLE A11: 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
1982/83	1,078	29,366	31,263	60,629	1,930,143	1,567,903	3,498,046	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	20,258,500	12,539,800	32,798,400	283,000	149,400	432,400
1986/87	1,457	54,580	54,168	108,748	22,400,300	10,516,000	32,916,300	200,000	55,300	255,300

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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
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
1986/87	281	3,946	4,991	...	8,937	333,000	112,400	445,400	16,000	1,300	17,300

* 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
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
1986/87	5,412	5,281	10,693	58,900	16,800	75,700	500	1,900	2,400

* Year Ending July 7

Source: Civil Aviation Authority.

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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
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	75,085	341,800	1,442,900	1,784,700	1,800	1,500	3,300
1986/87	37,128	43,603	80,731	696,900	1,517,000	2,213,900	33,800	21,700	55,500

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
1982/83	1,359	2,736	4,095	5,653	1,375,019	1,380,672	-	-	-
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
1986/87	3,229	9,477	12,706	655,100	2,866,600	3,521,700	22,500	-	22,500

* Year Ending July 7

Source: Civil Aviation Authority.

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							A B R O A D							GRAND TOTAL
	ETHIOPIANS			FOREIGNERS			TOTAL	ETHIOPIANS			FOREIGNERS			TOTAL	
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total		
1982/83	...	...	2,648 ‡	-	-	-	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
1986/87	2,582	501	3,083	3	-	3	3,086	95	14	109	203	92	295	404	3,490

* Year Ending June 30

‡ 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 *														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Africa**	2,854	2,442	530	2,972	2,523	547	3,070	2,649	566	3,215	2,758	556	3,314
(Ethiopia)	(2,648) ‡	(2,273)	(480)	(2,753)	(2,344)	(501)	(2,845)	(2,472)	(511)	(2,983)	(2,585)	(501)	(3,086)
North and South America	15	3	6	9	3	6	9	2	5	7	3	9	12
Asia and Middle East	45	37	9	46	37	10	47	39	12	51	46	13	59
Europe	90	67	31	98	74	34	108	75	32	107	76	29	105
Grand Total	3,004	2,549	576	3,125	2,637	597	3,234	2,765	615	3,380	2,883	607	3,490

* Year Ending June 30

** Including Ethiopia

‡ Including 89 Employees of Admas Air Service.

Source: Ethiopian Airlines.

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

SALARY GROUP	1985/86							1986/87						
	ETHIOPIANS			FOREIGNERS			GRAND TOTAL	ETHIOPIANS			FOREIGNERS			GRAND TOTAL
	Male	Female	Total	Male	Female	Total		Male	Female	Total	Male	Female	Total	
50 - 149	129	5	134	14	1	15	149	124	23	147	18	2	20	167
150 - 249	243	14	257	12	2	14	271	223	20	243	18	3	21	264
250 - 349	187	31	218	13	5	18	236	205	26	231	14	12	26	257
350 - 449	314	57	371	18	8	26	397	257	66	323	17	7	24	347
450 - 549	300	123	423	11	6	17	440	265	133	398	14	2	16	414
550 - 649	346	71	417	10	6	16	433	459	98	557	8	5	13	570
650 - 749	346	69	415	13	1	14	429	342	78	420	14	2	16	436
750 - 849	186	33	219	2	2	4	223	158	39	197	13	2	15	212
850 - 949	117	13	130	4	6	10	140	92	17	109	4	4	8	117
950 - 1049	63	8	71	8	6	14	85	54	6	60	5	6	11	71
1050 - 1149	73	8	81	8	3	11	92	123	11	134	6	4	10	144
1150 - 1249	63	9	72	7	3	10	82	39	9	48	5	2	7	55
1250 - 1349	33	3	36	4	1	5	41	32	3	35	3	4	7	42
1350 - 1449	59	-	59	6	1	7	66	43	1	44	5	6	11	55
1450 - 1549	12	-	12	5	-	5	17	22	2	24	4	1	5	29
1550 and above	179	10	189	60	30	90	279	186	8	194	75	41	116	310
T O T A L	2,650	454	3,104	195	81	276	3,380	2,624	540	3,164	223	103	326	3,490

* Year Ending June 30

Source: Ethiopian Airlines.

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

ADMINISTRATIVE REGION	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
ARSSI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALE	9	...	...	10	8	-	8	7	-	7	10	-	10
ERITREA	112	...	...	103	89	11	100	66	11	77	93	11	104
GAMOGOFA	3	...	...	3	3	-	3	3	-	3	3	-	3
GOJJAM	6	...	...	7	7	-	7	6	-	6	9	-	9
GONDAR	11	...	...	12	17	-	17	13	-	13	18	-	18
HARARGHE	28	...	...	31	35	1	36	39	2	41	45	3	48
ILLUBABOR	3	...	...	3	3	-	3	6	-	6	3	-	3
KEFFA	18	...	...	18	19	-	19	15	-	15	19	-	19
SIDAMO	1	...	...	1	1	-	1	1	-	1	1	-	1
SHEWA	2,423	...	...	2,529	2,124	489	2,613	2,275	498	2,773	2,345	487	2,832
TIGRAI	13	...	...	15	13	-	13	11	-	11	16	-	16
WELLEGA	7	...	...	8	8	-	8	7	-	7	8	-	8
WELLO	14	...	...	13	17	-	17	16	-	16	9	-	9
ASSAB ADMINISTRATION	-	-	-	-	-	-	-	-	-	7	-	7	6	-	6
GRAND TOTAL	2,648	...	...	2,753	2,344	501	2,845	2,472	511	2,983	2,585	501	3,086

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE 120: NUMBER OF EMPLOYEES OF ETHIOPIAN AIRLINES BY SEX AND OCCUPATION

OCCUPATION	Y E A R *														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Flying	306	...	...	329	194	149	343	208	147	355	204	140	344
a) Cabin attendants	199	...	...	199	54	149	203	53	147	200	53	140	193
i) Flying Hostess	137	...	...	137	-	121	121	-	119	119	-	113	113
ii) Flying Purser	20	...	...	20	21	-	21	20	-	20	20	-	20
iii) Flying Attendants	13	...	...	13	25	-	25	25	-	25	25	-	25
iv) International F/Sup.	7	...	...	7	3	10	13	2	11	13	2	10	12
v) Lead Cabin and Crews	22	...	...	22	5	18	23	6	17	23	6	17	23
b) Pilots	107	...	...	130	140	-	140	155	-	155	151	-	151
i) Captains	51	...	...	68	63	-	63	67	-	67	65	-	65
ii) First Officers	43	...	...	36	53	-	53	59	-	59	66	-	66
iii) Second Officers	12	...	...	9	8	-	8	13	-	13	4	-	4
iv) Adm'n Officers	1	...	...	1	-	-	-	-	-	-	1	-	1
v) Flight Engineers	-	-	-	16	16	-	16	16	-	16	15	-	15
Traffic and Sales Personnel	1,135	...	...	967	812	203	1,015	846	210	1,056	859	214	1,073
Maintenance and O'haul	1,197	...	...	1,264	1,198	128	1,326	1,277	152	1,429	1,352	149	1,501
Others	366	...	...	565	433	117	550	434	106	540	468	104	572
T O T A L	3,004	...	...	3,125	2,637	597	3,234	2,765	615	3,380	2,883	607	3,490

* 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	1982/83			1983/84			1984/85			1985/86			1986/87		
		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 - 3200	1	-	1	1	1	2	1	1	2	2	-	2	2	-	2
	Stratoliner 720 - B	5	-	5	5	-	5	5	-	5	3	-	3	3	-	3
	TOTAL	6	-	6	7	1	8	7	1	8	5	-	5	5	-	5
Tri - Engines	Boeing 727 - 200	3	-	3	3	-	3	3	-	3	3	-	3	3	-	3
2 Engines	Boeing 737 - 200	-	-	-	-	-	-	-	-	-	2	2	-	2	2	
	Boeing 767 - 260	-	-	-	2	-	2	2	-	2	2	1	3	2	1	3
	Douglas DC - 3/C - 47	11	-	11	10	-	10	10	-	10	9	-	9	9	-	9
	Light Aircraft	-	-	-	4	-	4	-	-	-	-	-	-	-	-	-
	ATR - 42	-	-	-	-	-	-	-	-	-	2	2	-	2	2	
	Dash - 5	2	-	2	2	-	2	2	-	2	2	-	2	2	-	2
	Dash - 6	-	-	-	-	-	-	5	-	5	6	-	6	6	-	6
	TOTAL	13	-	13	18	-	18	19	-	19	19	3	22	19	5	24
G R A N D T O T A L		22	-	22	28	1	29	29	1	30	27	5	32	27	5	32

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A22: DOMESTIC PASSENGERS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS,
1982/83*

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

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*

FROM \ TO	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

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

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

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A23: DOMESTIC FREIGHT TRAFFIC IN TONS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS, 1982/83*

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

TABLE A23: (CONT'D), 1983/84*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	7	2,523	457	11	65	3,063
ASA	19	-	20	2	-	1	42
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	7,587

TABLE A23:

(CONT'D), 1984/85*

FROM \ TO	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*

FROM \ TO	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

TABLE A23: (CONT'D), 1986/87*

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

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A 24: DOMESTIC MAIL TRAFFIC IN KILOGRAMS BY ORIGIN, DESTINATION AND MAJOR AIRPORTS, 1982/83*

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

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

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

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

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

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

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

TABLE A24: (CONT'D), 1986/87*

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	292	196,801	3,408	130	8,157	208,788
ASA	1,767	-	143	-	-	-	1,910
ASM	50,814	194	-	-	-	4,206	55,214
DIR	6,312	-	-	-	-	1,461	7,773
JIM	122	-	-	-	-	407	529
OTHERS	3,311	-	-	3,032	11	5,307	11,661
TOTAL	62,326	486	196,944	6,440	141	19,538	285,875

* Year Ending June 30
 Source: Ethiopian Airlines.

FROM \ TO	ADD	ASA	ASM	DIR	JIM	OTHERS	TOTAL
ADD	-	292	196,801	3,408	130	8,157	208,788
ASA	1,767	-	143	-	-	-	1,910
ASM	50,814	194	-	-	-	4,206	55,214
DIR	6,312	-	-	-	-	1,461	7,773
JIM	122	-	-	-	-	407	529
OTHERS	3,311	-	-	3,032	11	5,307	11,661
TOTAL	62,326	486	196,944	6,440	141	19,538	285,875

TABLE A25:

REVENUE OF ETHIOPIAN AIRLINES BY SOURCE *

SOURCE	IN MILLION BIRR				
	1982/83	1983/84	1984/85	1985/86	1986/87
Passengers	160	161	184	212	223
Freight	30	33	50	69	77
Charter	38	33	29	33	25
Mail	2	3	4	5	4
Excess Baggage	11	10	13	11	16
Commission	4	3	4	5	5
Miscellaneous Services	13	20	20	48	33
T O T A L	258	263	304	383	383

* Year Ending June 30

Source: Ethiopian Airlines.

TABLE A26: EXPENDITURE OF ETHIOPIAN AIRLINES BY PURPOSE*

PURPOSE	IN MILLION BIRR				
	1982/83	1983/84	1984/85	1985/86	1986/87
Salaries and Pension	34	33	35	40	43
Travel Expenses	8	8	8	3	12
Aviation Gas Oil	87	82	87	90	71
Air Craft Material	6	9	8	11	12
Handling Fees of Aircraft and Landing	17	19	26	32	35
Commission Expenses	16	14	18	20	28
Advertising and Publicity	2	2	3	3	5
Insurance	7	6	13	16	17
Depreciation	21	20	41	47	45
Interest Expenses-net	13	15	33	30	23
Service and Miscellaneous Expenses	12	31	9	62	67
Other non-operating Items	-	(16)	(7)	15	5
TOTAL	223	239	281	369	363

* Year Ending June 30

Source : Ethiopian Airlines.

TABLE A27:

ETHIOPIAN AIRLINES OPERATING STATISTICS*

I T E M	1982/83	1983/84	1984/85	1985/86	1986/87
Average-km. per passenger					
International	2,698	2,699	3,152	3,118	3,049
Domestic	381	419	386	395	417
Average	2,214	2,096	2,246	2,146	2,062
Revenue passenger KM. ('000)					
International	739,541	743,565	880,723	1,018,286	1,046,829
Domestic	27,501	41,531	63,528	72,316	87,104
Total	767,042	785,096	944,251	1,090,602	1,133,933
Revenue Freight carried (In Tons)					
International	844	12,120	16,827	27,640	20,895
Domestic	200	4,695	12,525	29,717	30,875
Total	1,044	16,815	29,352	57,357	51,770
Revenue Freight Ton-km. ('000)					
International	22,898	28,949	49,918	57,433	62,466
Domestic	1,664	3,282	8,643	20,558	21,392
Total	24,562	32,231	58,561	77,991	83,858
Revenue plane - km. ('000)	1,265,533	197,120	17,957	20,607	1,816
Pay Load Factor (%)	63	54.5	55.7	53.7	49.2

* Year Ending June 30

Source: Ethiopian Airlines.

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

AIRPORTS	Assab	Bole	Yilma Abatena (Dire Dawa)	Jimma	Yohannes IV
Assab	-	516	391	878**	473
Bole	616	-	344	262	703
Dire Dawa	391	344	-	606**	724**
Jimma	878	262	606**	-	965**
Yohannes IV	473	703	724**	965**	-

* Corrected

** VIA ADD(BOLE)

Source: Ethiopian Airlines

Communications Statistics

Postal Service Statistics

The expansion of postal services is an improvement in the communications infrastructures. But the development of postal services in Ethiopia is slow due to economic and other constraints, thus keeping a greater portion of the population out of the reach of postal services.

The Ethiopian Postal Service Authority is exerting efforts to expand branch offices in the country. The total number of post offices in the country is shown in table P₁. In 1986/87 the number of post offices was almost twice as many as in 1985/86 making an increase of 89.9 percent.

The total number of employees in tables P₂ and P₃ shows an upward trend. In 1986/87 there was an 18.8 percent increase in the number of employees over that of 1982/83. In the same year there were more than 40 thousand post boxes in the country of which 53 percent was in Addis Ababa. The number of mail boxes (collection boxes) has been rising since 1984/85.

Details of mail traffic are shown in table P₅. In 1986/87 more than 34 million letters and parcels were handled by the Authority of which 68 percent was accounted for domestic letters and parcels.

Tables P₆ and P₇ deal with the financial conditions of the Postal Service Authority. Sales of postage stamps and income from international mails were the most important sources of revenue. The Authority earned a profit of more than 2 million birr in 1986/87.

Fig.19 NUMBER OF POST OFFICES AND EMPLOYEES IN ETHIOPIA

(IN NUMBER)

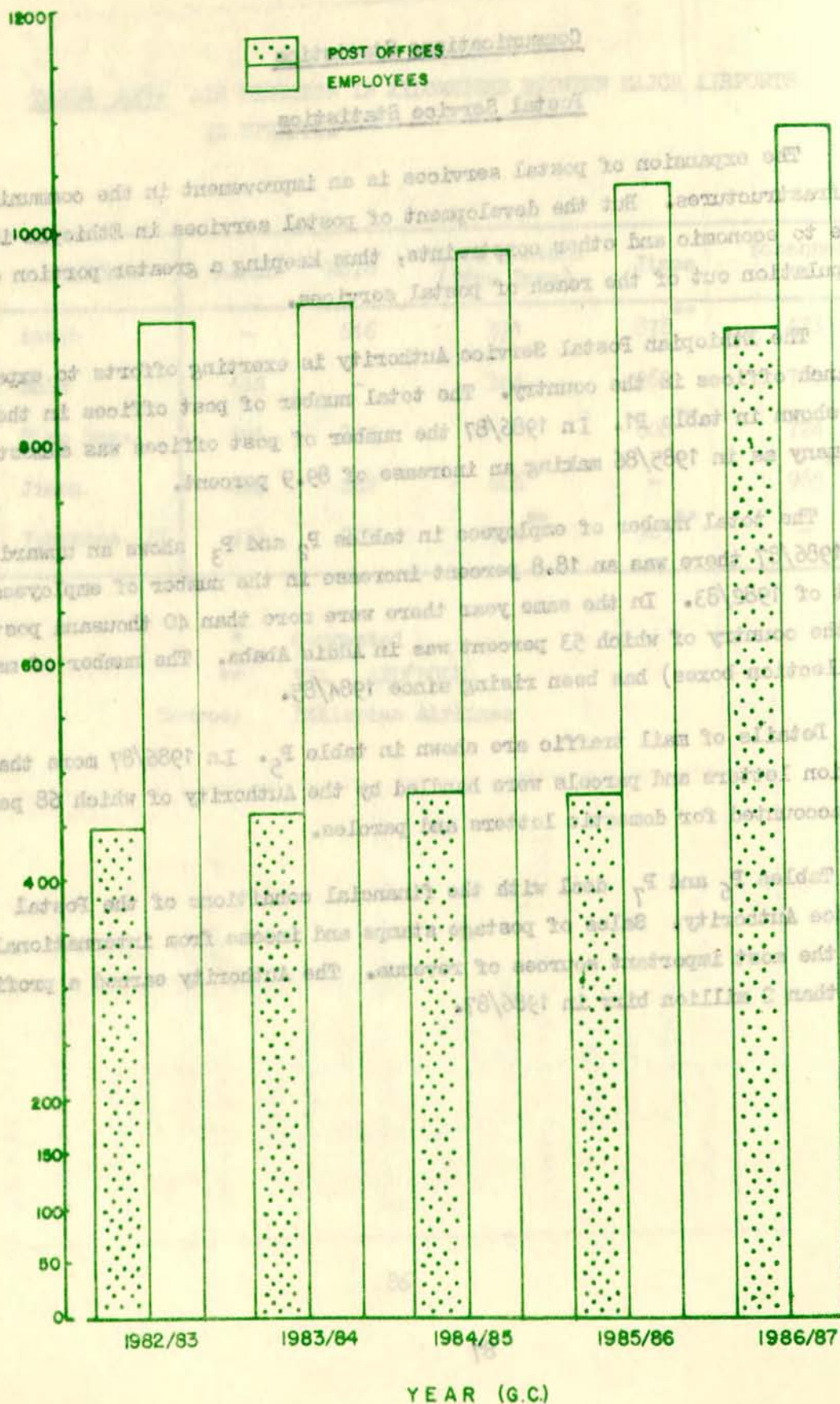


TABLE P1: NUMBER OF POST OFFICES BY ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	NUMBER OF POST OFFICES				
	1982/83	1983/84	1984/85	1985/86	1986/87
Addis Ababa	...	...	...	38	39
Arssi	13	13	14	10	20
Bale	11	12	12	14	17
Eritrea	37	38	39	41	43
Gamo Gofa	10	11	11	11	16
Gojjam	20	23	23	24	47
Gondar	29	31	33	28	32
Hararghe	53	55	56	59	65
Illubabor	13	13	13	16	25
Keffa	23	25	25	24	204
Shewa	110	112	121	80	207
Sidamo	30	33	33	33	50
Tigray	28	18	18	21	23
wellega	29	31	31	29	44
Wello	41	50	50	49	75
Assab Administration	1	1	1	1	1
TOTAL	448	466	480	478	908

* Year Ending July 7

Source : Postal Service Authority.

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

ADMINISTRATIVE REGION	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Addis Ababa	408	144	552	414	158	572
Arssi	8	7	1	8	7	1	8	7	1	8	8	2	10
Bale	8	7	1	8	8	1	9	7	-	7	10	-	10
Eritrea	102	91	13	104	90	14	104	88	18	106	90	22	112
Game Gefa	7	6	1	7	3	1	4	4	1	5	7	1	8
Gejjam	14	15	1	16	16	1	17	15	3	18	19	5	24
Gendar	21	16	3	19	19	3	22	19	4	23	21	4	25
Hararghe	56	42	10	52	47	15	62	52	17	69	50	22	72
Illubaber	16	15	1	16	19	1	20	15	1	16	17	-	17
Keffa	19	17	4	21	23	6	29	27	8	35	26	8	34
Shewa	561	449	134	583	451	141	592	50	10	60	52	13	65
Sidamo	26	22	2	24	23	9	32	42	8	50	41	7	48
Tigray	26	24	-	24	21	2	23	24	3	27	25	3	28
Wellega	22	18	3	21	19	5	24	19	6	25	26	5	31
Welle	24	21	2	23	21	3	24	20	3	23	21	3	24
Assab Administration	6	5	2	7	6	2	8	7	2	9	8	1	9
TOTAL	916	755	178	933	773	205	978	804	229	1,033	835	254	1,089

* Year Ending July 7

Source: postal service Authority.

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

SALARY GROUP	1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
50- 149	154	67	221	139	45	184	92	62	154
150- 249	248	82	330	264	125	389	357	71	428
250- 349	156	35	191	167	32	199	144	53	197
350- 449	93	16	109	117	17	134	101	40	141
450- 549	64	1	65	61	4	65	69	17	86
550- 649	29	4	33	29	5	34	42	10	52
650- 749	12	-	12	10	1	11	10	1	11
750- 849	12	-	12	13	-	13	16	-	16
850- 949	1	-	1	-	-	-	-	-	-
950-1049	3	-	3	3	-	3	3	-	3
1050-1149	-	-	-	-	-	-	-	-	-
1150-1249	-	-	-	-	-	-	-	-	-
1250-1349	1	-	1	1	-	1	1	-	1
1350 & above	-	-	-	-	-	-	-	-	-
T O T A L	773	205	978	804	229	1,033	835	254	1,089

* Year Ending July 7

Source : Postal Service Authority.

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

ADMINISTRATIVE REGION	1984/85		1985/86		1986/87	
	Mail Boxes	Post Boxes	Mail Boxes	Post Boxes	Mail Boxes	Post Boxes
Addis Ababa	96	19,530	90	21,270	90	21,570
Arssi	7	520	7	520	7	520
Assab Adm.	4	385	4	385	4	385
Bale	5	100	7	100	7	480
Eritrea	64	2,641	64	2,641	64	2,641
Gamo Gofa	5	360	5	360	5	360
Gojjam	5	824	14	1,034	14	1,034
Gondar	31	350	45	630	45	630
Hararghe	44	2,137	77	2,207	77	2,407
Illubabor	8	580	6	580	14	580
Keffa	17	1,043	19	1,163	28	1,263
Shewa	44	3,280	48	3,510	48	3,870
Sidamo	12	1,480	25	1,480	25	1,480
Tigrai	22	978	22	978	21	978
Wellega	11	735	11	735	19	735
Wello	23	656	23	1,076	23	1,076
TOTAL	398	35,297	467	38,669	491	40,009

* Year Ending July 7

Source : Postal Service Authority.

TABLE P5: NUMBER OF MAI LS HANDLED BY TYPE OF MAIL TRAFFIC*

MAIL TRAFFIC	NUMBER OF MAI LS				
	1982/83	1983/84	1984/85	1985/86	1986/87
A. Domestic mail					
Letters	19,218,300	19,743,300	22,131,500	23,156,700	23,253,000
Parcels	23,200	30,800	60,600	60,600	60,700
Total	19,241,500	19,774,100	22,192,100	23,217,300	23,313,700
B. International Mail					
I. Incoming International					
Letters	3,757,300	4,012,800	5,055,800	5,155,400	6,004,000
Parcels	43,500	79,000	76,400	82,100	80,400
Total	3,800,800	4,091,800	5,132,200	5,237,500	6,084,400
II. Outgoing International					
Letters	3,969,200	3,988,200	4,033,400	4,077,000	4,700,000
Parcels	4,900	8,000	14,600	8,400	9,300
Total	3,974,100	3,996,200	4,048,000	4,085,400	4,709,300
GRAND TOTAL	27,016,400	27,862,100	31,372,300	32,540,200	34,107,400

* Year Ending July 7

Source : Postal Service Authority.

TABLE P6 : REVENUE OF POSTAL SERVICE AUTHORITY BY SOURCE*

(In '000 BIRR)

SOURCE	1984/85	1985/86	1986/87
Sales of Postage Stamps	4,580.8	4,311.5	4,441.3
Income from International Mail	1,306.2	1,553.1	3,485.7
Parcel Post Receipt	1,024.6	867.0	936.0
Post Box Rentals & Key Sales	469.9	619.4	546.1
Postage Meter Machine	273.2	386.1	676.9
Money and Postal Order Commission	73.4	61.4	85.8
News Paper Commission	....	.....	378.8
Miscellaneous Revenue	222.0	369.0	227.4
TOTAL	7,950.1	8,167.5	10,778.0

TABLE P7 : EXPENDITURE OF POSTAL SERVICE AUTHORITY BY PURPOSE*

(In '000 BIRR)

PURPOSE	1984/85	1985/86	1986/87
Salaries and Wages	3,702.9	3,541.6	4,072.5
Conveyance of Mail	715.1	703.5	841.3
Depreciation	543.4	673.3	618.8
Printing of Postage Stamps	295.9	593.5	728.6
Stored Items Consumed	154.3	370.7	84.3
Miscellaneous Expenditure	1,532.3	1,292.2	2,327.1
TOTAL	6,943.9	7,174.8	8,672.6

* Year Ending July 7

Source : Postal Service Authority.

Telecommunications Statistics

The Ethiopian Telecommunications Authority is expanding communication services within the country and to the rest of the world. The progress made in this regard can be seen in the tables which include the number of employees engaged, telephone lines and apparatus, public telephones in use, telephone calls and financial operations of the Authority.

In 1986/87 the Authority had 5403 employees of which 1810 were females. More than half of the employees were stationed in Addis Ababa.

Telephone lines and apparatus have increased numerically. As shown in table T₄ both the lines and apparatus increased by 26.6 and 26.0 percent in 1986/87 over that of 1982/83, respectively. More than 60 percent of the telephone lines and apparatus was installed in Addis Ababa.

The public telephones (coin box telephones) have slightly increased in number. 71.1 percent of the total public telephones was in Addis. Table T₇ shows that most of the inter-urban telephone calls were made between Addis and the administrative capital cities. Telephones per thousand population for the country and Addis Ababa were 2.9 and 53 in that order.

The financial statement of the Ethiopian Telecommunications Authority is shown in tables T₈ and T₉. Financially the Authority has done reasonably well. It showed a year to year increase in revenue which amounted to more than 18 million birr in 1986/87. 43.6 percent of the revenue was generated by urban telephones.

The Authority's expenditure for the same year was more than 97 million birr showing an increase of 14.4 percent over the previous year. 26.5 percent of the expenditure went to salaries and wages. The Authority made a profit of more than 21 million birr.

FIG. 20 - NUMBER OF TELEPHONES IN USE IN ETHIOPIA

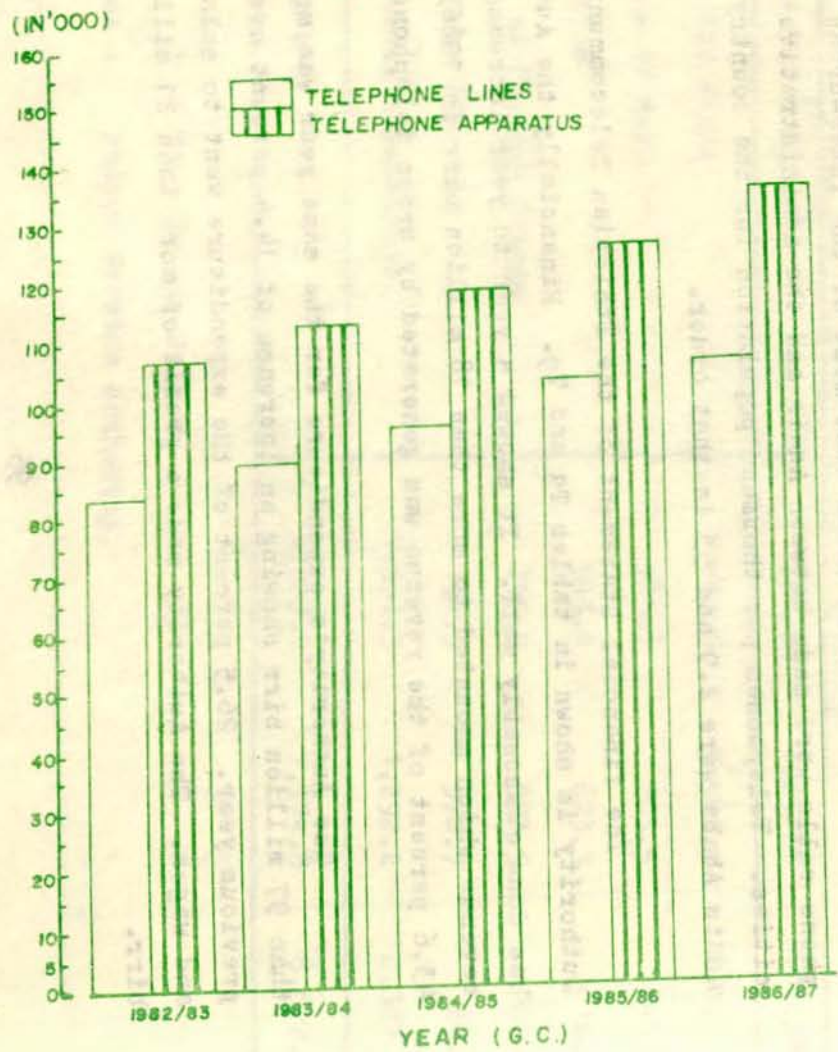


FIG. 21 - NUMBER OF TELEPHONES IN USE IN ADDIS ABABA

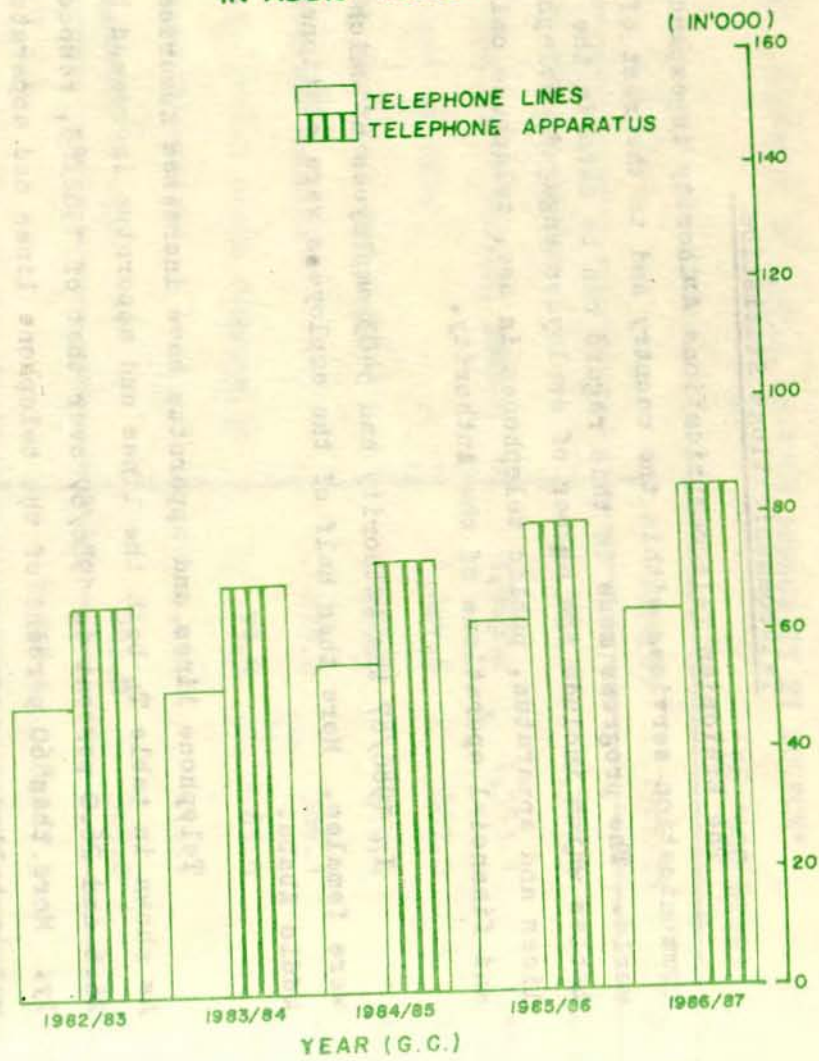


TABLE T1: NUMBER OF EMPLOYEES OF TELECOMMUNICATIONS AUTHORITY BY ADMINISTRATIVE REGION AND SEX*

ADMINISTRATIVE REGION	NUMBER OF EMPLOYEES														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Addis Ababa	2,023	688	2,711	2,104	723	2,827
Arsisi	65	22	38	60	28	41	69	37	35	72	46	41	87
Assab Administration	51	33	84	50	23	73
Bale	35	16	19	35	21	22	43	26	18	44	16	26	42
Eritrea	493	307	172	479	327	187	514	259	183	442	237	179	416
Game Gefa	40	13	13	26	23	25	48	28	22	50	23	13	36
Gejjam	115	72	79	151	58	71	129	75	60	135	84	79	163
Gendar	167	106	67	173	106	67	173	115	65	180	90	64	154
Harrarghe	254	145	111	256	143	111	254	150	117	267	152	126	278
Illubaber	48	40	24	64	34	19	53	35	24	59	34	16	50
Keffa	158	91	70	161	88	69	157	99	63	162	98	88	186
Sheva	3,025	2,229	846	3,075	2,293	865	3,158	241	227	468	272	222	494
Sidamo	135	71	53	124	89	64	153	99	61	160	77	64	141
Tigray	145	103	50	153	107	50	157	110	54	164	111	54	165
Wellega	79	41	36	77	48	38	86	55	37	92	47	32	79
Welle	181	133	69	202	127	67	194	129	76	205	152	60	212
TOTAL	4,940	3,389	1,647	5,036	3,492	1,696	5,188	3,532	1,763	5,295	3,593	1,810	5,403

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

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

SALARY GROUP	NUMBER OF EMPLOYEES**														
	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	1,511	830	470	1,300	...	...	...	700	488	1,188	551	427	978
150 - 249	911	754	361	1,115	...	...	...	902	400	1,302	997	440	1,437
250 - 349	803	551	303	854	...	...	...	613	276	889	593	305	898
350 - 449	531	427	149	576	...	...	...	447	175	622	463	221	684
450 - 549	529	299	268	567	...	...	...	325	331	656	311	226	537
550 - 649	193	204	57	261	...	...	...	191	56	247	301	150	451
650 - 749	136	135	23	158	...	...	...	169	29	198	158	32	190
750 - 849	113	98	14	112	...	...	...	85	4	89	119	6	125
850 - 949	47	42	1	43	...	...	...	48	3	51	43	2	45
950 - 1049	9	12	-	12	...	...	...	14	-	14	24	-	24
1050 - 1149	12	13	-	13	...	...	...	12	-	12	11	-	11
1150 - 1249	15	10	1	11	...	...	...	14	1	15	10	-	10
1250 - 1349	7	9	-	9	...	...	...	5	-	5	6	1	7
1350 and above	5	5	-	5	...	...	...	7	-	7	6	-	6
T O T A L	4,822	3,389	1,647	5,036	3,492	1,696	5,188	3,532	1,763	5,295	3,593	1,810	5,403

* Year Ending July 7

** Contract Employees are Included Except in 1982/83

Source: Ethiopian Telecommunications Authority.

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

OCCUPATION	1982/83			1983/84			1984/85			1985/86			1986/87		
	Male	Females	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Managerial personnel	...	4..	42	46	1	47	49	1	50	189	4	193	194	6	200
Technical personnel	1,548	1,574	15	1,589	1,678	14	1,692	1,784	18	1,802	1,833	24	1,857
Traffic personnel	1,557	406	1,179	1,585	395	1,201	1,596	395	1,228	1,623	402	1,238	1,640
Administrative personnel	864	609	277	886	648	300	948	544	317	861	596	337	933
Others	929	754	175	929	722	180	902	620	196	816	568	205	773
T O T A L	4,940	3,389	1,647	5,036	3,492	1,696	5,188	3,532	1,763	5,295	3,593	1,810	5,403

* 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 R E A			
	Assela		Other Towns		Goba		Other Towns		Assara		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
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
1986/87	376	578	299	304	377	503	317	355	9,732	12,320	1,968	2,398

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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 Markes		Other Towns		Gondar		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
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
1986/87	375	442	138	141	688	788	1,466	1,769	970	1,319	783	807

TABLE T4: (CONT'D)

YEAR*	H A R A R G H E				I L L U B A B O R				K E F F A			
	Harar		Other Towns		Mattu		Other Towns		Jimma		Other Towns	
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus
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
1986/87	946	1,155	3,671	4,151	319	352	358	371	1,435	1,662	840	856

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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
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
1986/87	64,148	85,814	7,366	8,146	839	1,205	1,829	1,970	941	1,092	870	897

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	
	Nekente		Other Towns		Dessie		Other Towns		Line	Apparatus	Line	Apparatus
	Line	Apparatus	Line	Apparatus	Line	Apparatus	Line	Apparatus				
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
1986/87	486	690	670	736	1,520	1,676	1,167	1,334	1,237	1,450	106,131	135,281

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

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

URBAN AREAS	YEAR*				
	1982/83	1983/84	1984/85	1985/86	1986/87
Addis Ababa	583	592	583	606	629
Asmara	74	79	80	80	81
Dire Dawa	19	19	19	19	18
Jimma	32	32	30	30	30
Harar	13	13	12	10	10
Dessie	16	18	19	20	20
Gondar	16	16	10	9	9
Massawa	12	20	20	19	19
Assab	17	17	17	17	15
Nazreth	11	13	18	19	21
Shashemene	5	7	7	7	9
Awassa	4	4	4	4	9
Mekele	4	4	5	5	5
Bahir Dar	9	11	11	11	10
T O T A L	815	845	835	856	885

* 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	
			1985/86	1986/87	1985/86	1986/87	1985/86	1986/87	1985/86	1986/87
Addis Ababa	-	0.2	1,526.5	1,618.6	7,632.5	8,093.0	79,262	85,814	51.9	53.0
Arssi	3	23.7	1,758.0	1,815.4	74.2	76.6	703	882	0.4	0.5
Assab Administration	1	27.5	95.1	101.1	3.5	3.7	1,308	1,450	13.8	14.3
Bale	5	127.1	1,064.5	1,100.0	8.4	8.6	697	858	0.7	0.8
Eritrea	8	93.7	2,770.5	2,868.7	29.6	30.6	14,674	14,718	5.3	5.1
Game Gefa	4	40.3	1,319.2	1,363.1	32.7	33.8	513	583	0.4	0.4
Gogjam	7	61.2	3,431.9	3,544.9	56.1	57.9	2,267	2,557	0.7	0.7
Gondar	7	79.6	3,089.8	3,189.7	38.8	40.1	2,125	2,126	0.7	0.7
Hararghe	13	272.6	4,401.1	4,544.4	16.1	16.7	5,123	5,306	1.2	1.2
Illubaber	5	46.4	1,019.2	1,052.1	22.0	22.7	711	723	0.7	0.7
Keffa	6	56.6	2,590.7	2,673.9	45.8	47.2	2,454	2,518	1.0	1.0
Shewa	11	85.1	8,555.6	8,839.9	100.5	103.9	7,879	8,146	0.9	0.9
Sidamo	6	119.8	4,008.6	4,141.5	33.5	34.6	2,584	3,175	0.6	0.8
Tigray	8	64.9	2,550.2	2,633.8	39.3	40.6	1,984	1,989	0.8	0.8
Wellega	6	70.5	2,619.0	2,703.1	37.2	38.3	1,135	1,426	0.4	0.5
Welle	12	82.1	3,851.6	3,978.1	46.9	48.4	2,943	3,010	0.8	0.8
T O T A L	102	1,251.3	44,951.50	46,168.3	35.9	36.9	126,362	135,281	2.8	2.9

** Number of Telephone Apparatus.

Source:- Ethiopian Telecommunications Authority.

TABLE T7: NUMBER OF INTER-URBAN TELEPHONE CALLS AMONG ADMINISTRATIVE CAPITAL CITIES 1982/83*

FROM \ TO	Addis Ababa	Arba Minch	Assela	Asmara	Awassa	Debre Markos	Dessie	Geba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemte
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
Geba	15,523	79	194	347	910	89	79	-	83	125	76	50	19	45
Gondar	10,874	30	115	3,898	85	1,430	201	32	-	118	138	686	96	78
Harar	20,218	36	160	685	235	115	205	74	128	-	235	201	66	58
Jimma	12,266	14	128	550	124	182	211	48	135	153	-	240	2,326	482
Mekelle	14,734	2	15	10,321	137	174	1,480	3	516	116	205	-	33	14
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nekemte	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 Markes	Dessie	Geba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemte
Addis Ababa	-	16,210	20,210	32,911	7,710	29,121	8,910	10,510	9,910	11,330	13,910	12,501	9,401	21,312
Arba 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 Markes	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
Geba	15,584	81	198	351	960	92	80	-	86	128	79	52	21	46
Gondar	11,432	32	123	4,361	342	1,510	204	33	-	230	126	1,276	22	50
Harar	24,545	38	168	955	210	121	203	82	205	-	248	213	71	62
Jimma	9,064	18	132	305	183	194	181	52	164	203	-	160	2,341	502
Mekelle	16,491	3	19	8,567	179	163	1,512	7	551	245	153	-	39	18
Mettu	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nekemte	27,610	48	278	778	336	225	318	178	162	490	1,212	245	181	-

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

TO FORM	Addis Ababa	Arba Minch	Assela	Asmara	Awassa	Debre Markes	Dessie	Geba	Gendar	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	137	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 Markes	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
Geba	17,147	144	398	573	1,072	195	107	-	217	269	142	83	68	45
Gendar	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	Assela	Asmara	Awassa	Debre Markes	Dessie	Geba	Gendar	Harar	Jimma	Mekelle	Mettu	Nekemte
Addis Ababa	-	17,203	19,800	55,947	8,353	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
Assella	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 Markes	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	1,320	83	78
Geba	17,021	88	975	230	1,187	114	182	-	106	347	195	83	20	259
Gendar	16,165	41	130	4,476	108	1,510	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
Nekemte	31,197	77	127	258	24	289	353	265	250	215	211	275	560	-

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

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

FROM \ TO	Addis Ababa	Arba Minch	Assela	Asmara	Awassa	Debre Markos	Dessie	Geba	Gondar	Harar	Jimma	Mekelle	Mettu	Nekemte
Addis Ababa	-	21,590	27,400	33,828	8,952	40,370	11,717	17,287	10,934	14,795	16,486	18,302	18,765	30,972
Arba Minch	26,097	-	161	362	4,237	274	348	279	217	170	244	193	85	109
Assella	26,701	234	-	794	549	200	209	391	119	557	239	144	86	229
Asmara	39,829	237	447	-	369	678	1,460	241	2,806	678	534	9,980	149	340
Awassa	16,671	112	165	649	-	162	173	82	168	326	266	294	68	95
Debre Markos	39,045	106	116	821	153	-	261	68	3,153	317	291	241	218	190
Dessie	15,077	65	101	1,109	60	501	-	32	228	178	130	1,628	86	82
Geba	23,672	211	592	298	1,740	169	222	-	171	472	243	140	56	147
Gondar	19,139	194	136	4,994	168	2,953	488	267	-	308	317	440	103	195
Harar	21,035	97	679	714	233	236	386	211	295	-	328	289	89	196
Jimma	15,971	38	198	470	244	210	217	64	217	233	-	112	234	568
Mekelle	17,003	249	193	11,444	192	241	1,264	127	667	675	227	-	186	258
Mettu	22,478	57	131	244	66	166	263	51	108	161	6,762	261	-	402
Nekemte	34,367	140	141	538	295	273	350	128	312	266	2,754	270	423	-

* Year Ending July 7

Source: Ethiopian Telecommunications Authority.

TABLE T8 : REVENUE OF TELECOMMUNICATIONS AUTHORITY BY SOURCE*

(In '000 BIRR)

SOURCE	1982/83**	1983/84**	1984/85	1985/86	1986/87
<u>Urban Telephone</u>	42,010	43,843	45,235	49,109	51,842
Initial Subscription	1,723	1,928	2,367	2,231	2,291
Rent	8,461	9,394	9,547	11,013	11,610
Moves and Changes	289	362	321	301	321
Urban Calls	31,537	32,159	33,000	35,564	37,620
<u>Interurban Telephone</u>	19,417	23,039	26,143	42,734	48,023
Inlandcalls	7,226	7,967	9,227	9,481	9,702
International calls	12,081	14,934	16,640	33,141	38,086
Rural Radio calls	-	-	-	-	20
Radio Licence	110	138	276	112	215
<u>Telegraph</u>	4,034	3,379	3,960	4,173	4,090
Inland Telegrams	515	601	680	782	835
International Telegrams	1,754	980	1,388	1,221	1,029
Other Telegraph Services	1,765	1,798	1,892	2,170	2,226
<u>Telex</u>	7,322	8,197	10,174	11,013	14,862
Urban	900	4	8	1,290	3
Interurban	257	283	354	364	361
Foreign	6,165	6,838	8,582	9,359	9,716
Other Telex Services	-	1,072	1,230	-	1,291
Miscellaneous	2,120	2,146	2,984	2,258	3,491
TOTAL REVENUE	74,903	80,604	88,496	109,287	118,817

* Year Ending July 7

** Provisional

Source : Ethiopian Telecommunications Authority.

TABLE 19 : EXPENDITURE OF TELECOMMUNICATIONS AUTHORITY BY PURPOSE*

(In '000 BIRR)

PURPOSE	1983/84	1984/85	1985/86	1986/87
Personnel Emolument	18,343	18,314	19,332	25,850
Training	273	214	618	527
Maint. and Depreciation of Telephone				
I) Urban Telephone	5,473	10,056	12,552	10,042
II) Interurban Telephone	2,872	9,245	5,091	6,657
Maint. and Depreciation of Telegraph	432	2,338	1,584	2,221
Maint. and Depreciation of Telex	435	1,071	553	993
Maint. and Depreciation of Building	830	1,630	2,041	1,471
Depreciation of Furniture and Equipment	409	181	240	247
Interest on Loan	5,240	4,368	4,176	6,997
Provision for profit Tax	12,711	14,432	24,510	21,779
Capital Charge	7,018	7,691	8,873	10,038
Miscellaneous	14,130	4,827	5,506	10,550
Total Expenditure	68,166	74,367	85,076	97,372

* Year Ending July 7

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 and enabling the government to keep in touch with its people in order to promote their economic, social and political participation.

The Ethiopian Radio broadcasts its programmes to listeners at home and overseas while the Ethiopian Television transmits to domestic viewers. In this section the number of employees, radio stations, broadcasting hours, languages used and data on education by radio will be treated.

Tables B₁ and B₂ show the number of employees of the ministry of Information. In 1986/87 the number of employees of the Ethiopian Radio and Television Broadcasting Services rose by 11.7 percent over that of 1985/86. There was no change in the number of radio stations for the past five years. As estimated by the Ministry of Information the number of transistor radios in the country trebled in 1986/87.

Radio programmes are transmitted in nine languages from three studios in Addis Ababa, Asmara and Harar. There was a slight increase in the total service-hours allotted to the various programmes in 1986/87.

The Ethiopian Television presents its programmes in two languages, Amharic and English. As table B₆ shows the television total service-hours amounted to 1391 in 1986/87 showing an increase of 18.4 percent over that of 1985/86. 55.7 percent of the total service-hours was devoted to programmes transmitted in Amharic.

Education by radio transmitted by the Department of Educational Mass Media of the Ministry of Education is shown in Table B₇. There were 11 transmitters in different parts of the country in 1986/87. The total service-hours for 1986/87 have slightly risen.

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

SALARY GROUP	NUMBER OF EMPLOYEES														
	1982/83			1983/84			1984/85			1985/86**			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	185	...	...	192	104	102	206	64	52	116	137	118	255
150 - 249	124	...	...	138	98	36	134	45	20	65	93	41	134
250 - 349	137	...	...	155	134	49	183	38	16	54	124	55	179
350 - 449	74	...	...	84	52	25	77	26	13	39	68	23	91
450 - 549	70	...	...	79	64	18	82	34	7	41	59	13	72
550 - 649	63	...	...	71	68	11	79	42	7	49	93	17	110
650 - 749	33	...	...	39	28	6	34	22	-	22	34	5	39
750 - 849	29	...	...	34	29	2	31	27	3	30	30	3	33
850 - 949	6	...	...	6	3	-	3	3	-	3	2	-	2
950 - 1049	9	...	...	9	8	-	8	7	-	7	10	-	10
1050 - 1149	1	...	...	1	2	-	2	-	1	1	-	1	1
1150 - 1249	3	...	...	3	3	-	3	2	-	2	2	1	3
1250 - 1349	-	-	-	-	-	-	-	-	-	-	-
1350 and above	2	...	...	2	1	1	2	1	1	2	2	1	3
TOTAL	736	...	...	813	594	250	844	311	120	431	654	278	932

* Year Ending July 7

** 403 Employees of Ethiopian Television were not included.

Source: Ministry of Information.

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

OCCUPATION	1982/83			1983/84			1984/85			1985/86 **			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Administrative personnel	314	...	...	343	183	160	343	117	85	202	225	179	404
Radio programmers	143	...	...	150	118	42	160	89	33	122	121	43	164
Television programmers	79	...	...	99	13	8	21	-	-	-	59	25	84
Technical personnel	200	...	...	221	266	37	303	105	2	107	231	28	259
Journalists	-	-	14	3	17	-	-	-	18	3	21
TOTAL	736	...	...	813	594	250	844	311	120	431	654	278	932

* Year Ending July 7

** 403 Employees of Ethiopian Television were not included.

Source: Ministry of Information.

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

YEAR*	RADIO STATIONS	TRANSMITTERS	HOUSEHOLDS WITH RADIO SETS**
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
1986/87	3	13	9,000,000

* Year Ending July 7

** Estimated by Ministry of Information

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				
	AMHARIC				
	News	General Information	Recreation	Commercial	Total
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
1986/87	521:00	1105:00	854:40	18:00	2502:40

TABLE B4: (CONT'D)

YEAR*	ADDIS ABABA STUDIO									
	OROMIGNA					TIGRIGNA				
	News	General Information	Recreation	Commercial	Total	News	General Information	Recreation	Commercial	Total
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
1986/87	121:00	439:20	112:07	-	672:27	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 E					T I G R I G N A				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
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
1986/87	60:00	195:00	110:00	-	365:00	111:00	380:00	154:00	-	645:00

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
1982/83	-	-	-	-	-
1983/84	-	-	-	-	-
1984/85	30:42	213:18	29:40	-	273:40
1985/86	3:20	240:00	29:00	-	272:20
1986/87	60:00	195:00	110:00	-	365:00

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 I G N A				
	News	General Information	Recreation	Commercial	Total	News	General Information	Recreation	Commercial	Total
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
1986/87	121:33	434:20	112:07	-	668:00	60:00	180:00	125:00	-	365:00

TABLE B4: (CONT'D)

YEAR*	T O T A L S E R V I C E H O U R S				
	News	General Information	Recreation	Commercial	Total
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
1986/87	1114:33	3108:40	1706:54	18:00	5948:07

* 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
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
1986/87	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
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
1986/87	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*	SOMALI					AFGAR					TOTAL SERVICE HOURS				
	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total	News	General Information	Recreation	Others	Total
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
1986/87	60:00	100:00	175:00	30:00	365:00	60:00	105:00	120:00	80:00	365:00	360:00	788:00	615:00	427:00	2190:00

* Year Ending July 7

Source: Ministry of Information.

TABLE B6: ETHIOPIAN TELEVISION BROADCASTING HOURS BY LANGUAGES USED

YEAR*	No. of Households with TV Sets**	A M H A R I C							E N G L I S H							GRAND TOTAL
		News	General Information	Recreation	Commercial	Educational	Others	Total	News	General Information	Recreation	Commercial	Educational	Others	Total	
1982/83	45,000	233:00	479:00	90:00	10:00	72:00	36:00	920:00	112:00	220:00	294:00	4:00	24:00	12:00	666:00	1586:00
1983/84	45,000 - 50,000	233:00	479:00	90:00	10:00	72:00	36:00	920:00	112:00	220:00	294:00	4:00	24:00	12:00	666:00	1586:00
1984/85	70,000	182:05	607:00	271:49	8:00	39:00	-	1107:54	122:00	115:00	65:15	2:00	29:00	-	333:15	1441:09
1985/86	70,000 - 75,000	188:00	144:40	74:30	15:20	235:20	24:33	682:23	120:00	8:00	236:40	5:36	122:44	-	493:00	1175:23
1986/87	70,000 - 75,000	216:30	346:20	88:12	16:28	84:00	24:20	775:50	121:40	8:20	366:00	6:40	113:00	-	615:40	1391:30

* 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
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1,115:50	162:30	130:00	1,408:20	1,063:50	162:30	182:00	1,408:20
1984/85	754:10	225:20	117:00	1,096:20	754:00	225:20	117:00	1,096:20
1985/86	788:36	294:36	117:00	1,200:12	788:36	294:36	117:00	1,200:12
1986/87	814:36	294:24	117:00	1,226:00	814:36	294:24	117:00	1,226:00

TABLE B7:

(CONT'D)

YEAR *	RADIO BROADCASTING HOURS							
	BAHRDAR TRANSMITTER				DEBRE MARKOS TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1982/83	695:00	110:50	-	850:50	695:00	110:50	130:00	935:50
1983/84	1,245:50	162:30	-	1,408:20	1,115:50	162:30	130:00	1,408:20
1984/85	871:00	225:20	-	1,096:20	754:00	225:20	117:00	1,096:20
1985/86	1,022:36	294:36	-	1,317:12	788:36	294:36	117:00	1,200:12
1986/87	931:36	294:24	-	1,226:00	814:36	294:24	117:00	1,226:00

YEAR*	RADIO BROADCASTING HOURS							
	DESSIE TRANSMITTER				GHIMBI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1,115:50	162:30	130:00	1,408:20	1,115:50	162:30	130:00	1,408:20
1984/85	754:00	225:20	117:00	1,096:20	754:00	225:20	117:00	1,096:20
1985/86	788:36	294:36	117:00	1,200:12	788:36	294:36	117:00	1,200:12
1986/87	814:36	294:24	117:00	1,226:00	814:36	294:24	117:00	1,226:00

TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	GORE TRANSMITTER				LEGEDADI TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1982/83	695:00	110:50	130:00	935:50	800:00	110:50	130:00	1,040:50
1983/84	1,115:50	162:30	130:00	1,408:20	1,375:50	214:30	130:00	1,720:20
1984/85	754:00	225:20	117:00	1,096:20	1,014:00	225:20	117:00	1,356:20
1985/86	788:36	294:36	117:00	1,200:12	1,048:36	294:36	117:00	1,460:12
1986/87	814:36	294:24	117:00	1,226:00	1,005:12	294:24	117:00	1,416:36

TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	MEKELE TRANSMITTER				ROBE TRANSMITTER			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1982/83	695:00	110:50	130:00	935:50	695:00	110:50	130:00	935:50
1983/84	1,063:50	162:30	182:00	1,408:20	1,115:50	162:30	130:00	1,408:20
1984/85	754:00	225:20	117:00	1,096:20	754:00	225:20	117:00	1,096:20
1985/86	864:36	294:36	117:00	1,276:12	788:36	294:36	117:00	1,200:12
1986/87	853:36	294:24	156:00	1,304:00	814:36	294:24	117:00	1,226:00

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TABLE B7: (CONT'D)

YEAR*	RADIO BROADCASTING HOURS							
	WOLLAYTA SODO TRANSMITTER				ALL TRANSMITTERS			
	AMHARIC	ENGLISH	OTHERS	TOTAL	AMHARIC	ENGLISH	OTHERS	TOTAL
1982/83	695:00	110:50	260:00	1,065:50	7,750:00	1,219:10	1,430:00	10,395:50
1983/84	1,050:50	214:30	195:00	1,460:20	12,495:10	1,891:30	1,469:00	15,855:40
1984/85	715:00	225:20	156:00	1,096:20	8,632:00	2,478:40	1,209:00	12,319:40
1985/86	794:36	294:36	156:00	1,245:12	9,250:36	3,240:36	1,209:00	13,700:12
1986/87	775:36	294:24	156:00	1,226:00	9,268:12	3,238:24	1,248:00	13,754:36

* Year Ending July 7.

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

Source : Ministry of Education, Department of Educational Mass Media

Press Statistics

Press is another medium of communications that is accessible to public who could read and help to improve their consciousness. The expansion of press services could pave the way for the Ethiopian people to participate in the economic, social and political advancement.

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

The papers and magazines were published and issued by government and non-government institutions. More than half of them were published by the Ministry of Information. 87.0 percent of the total publication was in Amharic and the remaining in English, Oromigna, Tigrigna and Arabic.

In 1986/87 more than 27 million newspapers and half a million magazines were printed and circulated. Serto Ader, the weekly Amharic newspaper published and issued by the Central Committee of the Workers Party of Ethiopia, accounted for 42.0 percent of the total circulation in 1986/87 followed by Adis Zemen the Amharic daily which took 32.7 percent.

Table N8 shows the net paid circulation of newspapers published in Amharic and other languages in all administrative regions including Addis Ababa. In 1986/87 circulation of newspapers in the country was 14.6 million of which 6 million or 42.0 percent was circulated in Addis Ababa.

FIG-22 TOTAL PRINT AND NET PAID CIRCULATION OF ADDIS ZEMEN

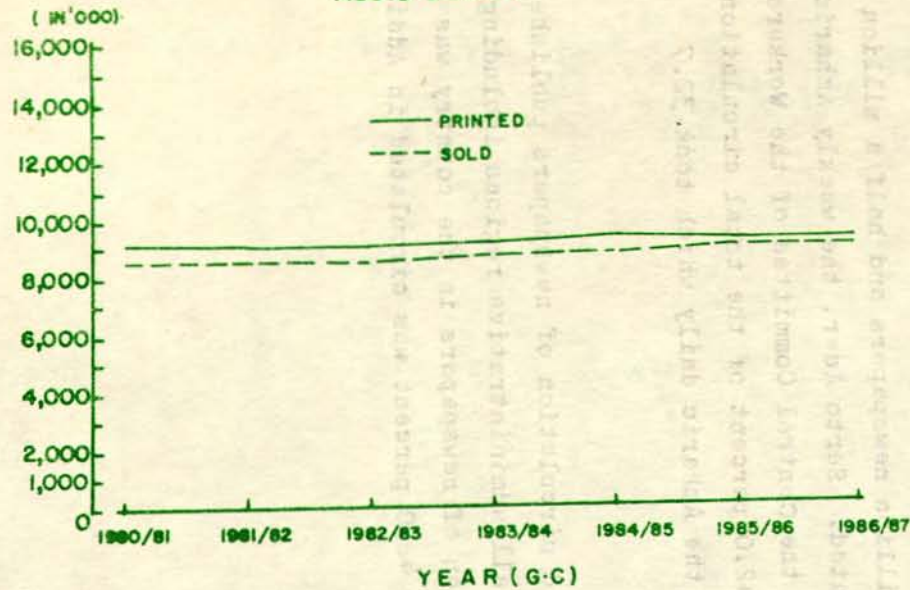


FIG-23 TOTAL PRINT AND NET PAID CIRCULATION OF ETHIOPIAN HERALD

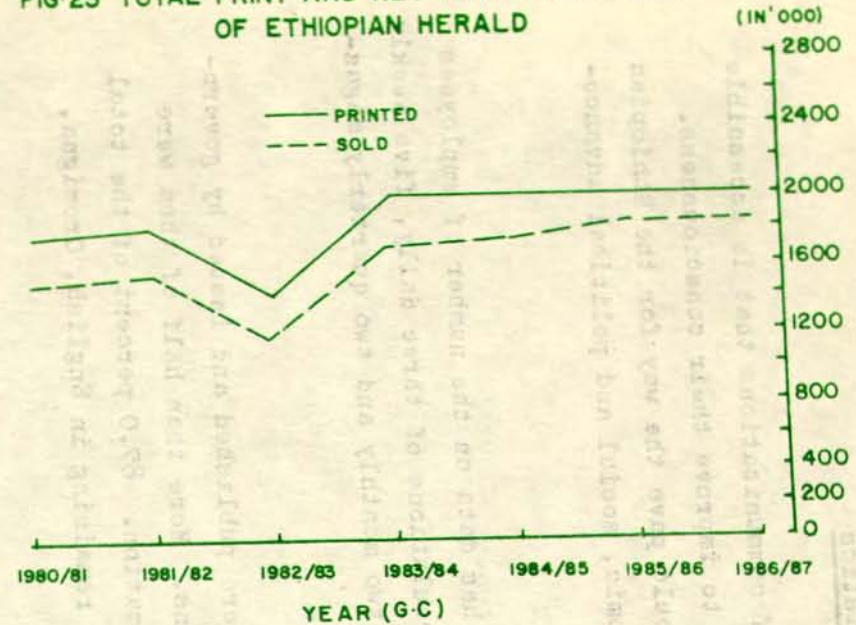


FIG-24 TOTAL PRINT AND NET PAID CIRCULATION OF YEZAREITU ETHIOPIA

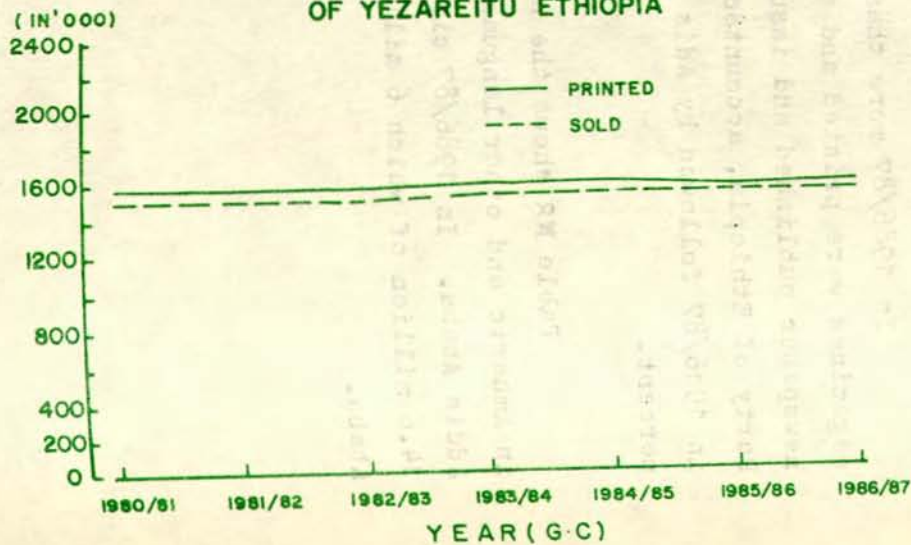


FIG. 25 TOTAL PRINT AND NET PAID CIRCULATION OF AL ALEM

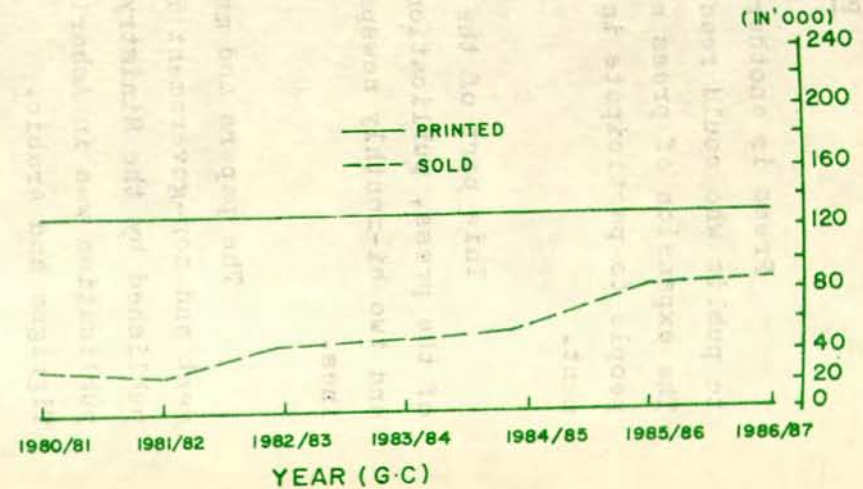


TABLE N1: NUMBER OF EMPLOYEES OF PRESS SERVICE OF MINISTRY OF INFORMATION BY SALARY GROUP AND SEX*

SALARY GROUP	1983/84			1984/85			1985/86			1986/87		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
50 - 149	36	13	29	42	3	24	27	6	25	31
150 - 249	35	18	16	34	16	12	28	16	12	28
250 - 349	42	31	14	45	18	15	33	16	15	31
350 - 449	22	17	9	26	25	4	29	23	6	29
450 - 549	15	13	3	16	15	3	18	15	4	19
550 - 649	15	22	3	25	23	3	26	24	2	26
650 - 749	17	10	-	10	15	-	15	15	-	15
750 - 849	4	9	-	9	9	-	9	8	-	8
850 - 949	1	-	-	-	-	-	-	-	-	-
950 - 1049	3	6	-	6	4	-	4	4	-	4
1050 - 1149	-	-	-	-	-	-	-	-	-	-
1150 - 1249	1	-	-	-	-	-	-	-	-	-
1250 - 1349	-	-	-	-	-	-	-	-	-	-
1350 and above	-	-	-	-	-	-	-	-	-	-
T O T A L	191	139	74	213	128	61	189	127	64	191

* Year Ending July 7

Source:- Ministry of Information.

TABLE N2: NUMBER OF COPIES OF DAILY NEWS PAPERS PRINTED, SOLD, DONATED AND RETAINED

(PRINTED IN ADDIS ABABA).

YEAR*	A D D I S Z E M E N				H E R A L D			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1982/83	9,195,000	8,639,787	547,493	7,720	1,148,000	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	573,354	7,470	2,024,500	1,755,790	261,240	7,470
1985/86	9,260,000	9,113,633	11,220	135,147	2,005,200	1,844,906	14,147	146,147
1986/87	9,260,000	9,109,676	140,876	9,448	2,005,500	1,841,752	154,338	9,410

* Year Ending July 7

Source:- Ministry of Information.

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

Year*	B E R I S S A ⁺				S E R T O A D E R			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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	-
1986/87	113,000	98,823	12,968	1,209	11,600,000	11,594,838	5,162	-

* Year Ending July 7.

+ Berissa is a Weekly Oromigna Newspaper.

Source:- 1. Ministry of Information.
2. The Central Committee of the Workers' Party of Ethiopia.

TABLE N3: (CONT'D)

YEAR*	A L A L E M				YEZAREITU ETHIOPIA				ZENA BETEKIRISTIAN			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
1982/83	135,000	49,436	83,299	265	1,560,000	1,503,414	55,286	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	1,558,462	1,415	20,123	24,000	22,200	583	1,217
1986/87	132,500	86,915	44,814	771	1,580,000	1,555,098	20,888	4,014	20,000	19,457	231	312

* Year Ending July 7

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

TABLE N4: NUMBER OF COPIES OF BI-MONTHLY NEWSPAPERS

(PRINTED IN ADDIS ABABA).

YEAR *	REVOLUTIONARY POLICE			
	PRINTED	SOLD	DONATED	RETAINED
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	-
1986/87	1,414,000	1,410,449	3,505	46

* Year Ending July 7

Source:- Police Headquarters.

TABLE N5: NUMBER OF COPIES OF NEWSPAPERS PRINTED IN ASMARA

YEAR*	ETHIOPIA				HIBRATE			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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
1986/87	241,500	237,021	4,479	-	1,247,548	1,227,907	19,641	-

* 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 IN ADDIS ABABA).

YEAR*	Y E K A T I T **				M A R K I S A W E R E O T E			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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
1986/87	60,500	58,027	1,608	865	11,900	7,254	910	3,736

* Year Ending July 7

** Montly in Amharic, Quarterly in English

Source:- Ministry of Information.

TABLE N7: NUMBER OF COPIES OF QUARTERLY ETHIOPIAN MEDICAL JOURNAL AND MESKEREM (MAGAZINE)
(PRINTED IN ADDIS ABABA).

YEAR*	ETHIOPIAN MEDICAL JOURNAL ⁺				MESKEREM			
	PRINTED	SOLD	DONATED	RETAINED	PRINTED	SOLD	DONATED	RETAINED
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	-
1986/87	650	75	550	25	560,000	559,896	104	-

* Year Ending July 7

+ The Printing and Circulation of the Ethiopian Medical Journal in 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 N8: CIRCULATION OF NEWSPAPERS BY ADMINISTRATIVE REGION*

ADMINISTRATIVE REGION	1982/83			1983/84			1984/85		
	Amharic	Others	Total	Amharic	Others	Total	Amharic	Others	Total
Arssi	227,004	18,926	245,930	227,004	18,926	245,930	222,293	21,506	243,799
Bale	129,710	4,436	134,146	129,710	4,436	134,146	139,410	9,685	149,095
Eritrea	912,797	733,402	1,646,199	937,797	734,520	1,672,317	1,000,983	1,232,970	2,233,953
Game Gefa	66,856	5,787	72,643	66,856	5,787	72,643	65,200	5,210	70,410
Gojjam	391,124	23,326	414,450	391,124	23,326	414,450	385,043	26,391	411,434
Gondar	127,503	15,925	143,428	127,503	15,925	143,428	117,715	15,577	133,292
Hararghe	974,352	112,421	1,086,773	999,352	113,421	1,112,773	980,064	107,035	1,087,099
Illubaber	257,452	24,708	282,160	257,452	24,708	282,160	267,865	30,320	298,185
Keffa	355,403	39,211	394,614	355,403	39,211	394,614	355,283	29,580	384,863
Shewa	1,825,576	118,682	1,944,258	1,900,576	128,682	2,029,258	1,841,218	104,878	1,946,096
Sidame	687,383	45,056	732,439	687,383	45,056	732,439	565,822	43,561	609,383
Tigrai	135,795	10,486	146,281	135,795	10,486	146,281	135,700	10,685	146,385
Wellega	195,200	16,138	211,338	195,000	16,138	211,138	169,815	14,600	184,415
Welle	396,412	20,578	416,990	399,412	21,078	420,490	406,058	26,550	432,608
Addis Ababa	4,548,200	1,489,698	6,037,898	4,698,400	1,564,698	6,263,098	4,627,338	1,753,304	6,380,642
T O T A L	11,230,767	2,678,780	13,909,547	11,508,767	2,766,398	14,275,165	11,279,807	3,431,852	14,711,659

TABLE N8: (CONT'D)

ADMINISTRATIVE REGION	1985/86			1986/87		
	Amharic	Others	Total	Amharic	Others	Total
Arssi	189,482	20,032	209,514	186,132	19,544	205,676
Bale	163,125	16,119	179,244	161,520	13,407	174,927
Eritrea	830,290	1,326,771	2,157,061	805,956	1,301,135	2,107,091
Gamo Gofa	81,400	5,507	86,907	80,420	8,654	89,074
Gojjam	432,567	28,814	461,381	427,980	28,984	456,964
Gondar	183,264	14,353	197,617	180,980	14,645	195,625
Hararghe	898,863	106,947	1,005,810	895,736	112,130	1,007,866
Illubabor	277,950	31,460	309,410	275,560	31,070	306,630
Keffa	341,007	29,507	370,514	338,192	30,107	368,299
Shewa	1,503,182	97,486	1,600,668	1,897,349	102,302	1,999,651
Sidamo	576,651	47,549	624,200	572,496	47,852	620,348
Tigrai	139,795	10,923	150,718	149,560	10,939	160,499
Wellega	233,741	22,420	256,161	230,820	22,339	253,159
Wello	369,617	23,842	393,459	365,872	23,516	389,388
Addis Ababa	4,470,875	1,725,852	6,196,727	4,366,123	1,710,665	6,076,788
Assab	-	-	-	146,804	21,259	168,063
T O T A L	10,691,809	3,507,582	14,199,391	11,081,500	3,498,548	14,580,048

* Year Ending July 7

Source:- Ministry of Information.