

**Ethiopia's Direct International Links 1993 E.F.Y.**  
**2000(/01 G.C.)**

No.	Country	Telephone		Telex		Telegraph	
		Media	Circuits	Media	Circuits	Media	Circuits
1	Belgium	SAT	8	-	-	-	-
2	Canada	SAT	20	-	-	-	-
3	Djibouti	MW	29	-	-	MW	1
4	Emirates	SAT	21	-	-	-	-
5	France	SM	25	SM	8	-	-
6	Germany	SAT	29	SAT	6	-	-
7	Greece	-	-	SAT	6	-	-
8	India	SAT	4	-	-	-	-
9	Italy	SAT	44	SAT	16	SAT	1
10	Japan	SAT	8	-	-	-	-
11	Kenya	MW	20	MW	4	MW	1
12	S.Arabia	SAT	30	-	-	-	-
13	Singapore	SAT	4	-	-	-	-
14	Sweden	SAT	23	-	-	-	-
15	UK	SAT	60	SAT	11	SAT	1
16	USA /AT&T/	SAT	58	SAT	21*	SAT	3
17	USA /MCI/	SAT	88	-	-	-	-
18	USA /Sprint/	SAT	30	-	-	-	-
19	Zambia	MW	4	-	-	-	-
	<b>Total</b>	SAT	427		60		5
		MW	53		4		2
		SM	25		8		0
	<b>Grand Total</b>		505		72		7

Note:- SAT = Satellite  
 MW = Microwave  
 SM = Submarine  
 \* USA total.

Metered Calls, Average Calls per Telephone Line per Month  
1992-1993 E.F.Y (1999/09 - 2000/01)

	Automatic Towns	Zone Region	1992 E.F.Y			1993 E.F.Y		
			Total Connected Lines	Metered Calls	Metered Calls per Line per month	Total Connected Lines	Metered Calls	Metered Calls per Line per month
1	A. A City		135226	523597549	323	162381	627769219	322
2	Addis Zemen	NWR	99	30366	26	99	4063444	3420
3	Adigrat	NR	1582	7992384	421	1825	11331410	517
4	Adwa	NR	967	7091354	611	967	8257746	712
5	Agaro	SWR	1125	3418561	253	1280	2546782	166
6	Akaki	SAAZ	2733	12405767	378	3151	12267442	324
7	Alaba kulito	SR	279	686149	205	349	1385371	331
8	Aleta Wondo	SR	340	819850	201	414	1208832	243
9	Arba-Minch	SR	1280	8561230	557	1543	8354766	451
10	Arsi Negele	SR	-	-	-	388	-	-
11	Asebe Teferi	ER	695	2094096	251	908	3659749	336
12	Assaita	NER	388	3473301	746	476	4224969	740
13	Assela	SER	1844	5589494	253	2246	15194181	564
14	Assosa	WR	441	2679975	506	692	9597123	1156
15	Awash 7Kilo	SER	-	-	-	296	149476	168
16	Awassa	SR	4071	22386332	458	4859	23973116	411
17	Axum	NR	1548	9436855	508	1800	10035923	465
18	Bahir Dar	NWR	3668	30008608	682	5094	30541210	500
19	Bako	WR	172	513487	249	165	8081916	4082
20	Basha	SR	-	-	-	44	-	-
21	Bedele	SWR	-	-	-	460	1099025	265
22	Bichena	NWR	297	782484	220	289	710671	205
23	Bonga	SWR	177	1321220	622	201	3424457	1420
24	Bure	NWR	328	1211677	308	341	1036182	253
25	Butajira	SR	236	6	0	617	2018262	273
26	Comboicha	NER	1728	9546817	460	1974	17920886	757
27	Dangla	NWR	317	983008	258	317	826742	217
28	Debre Berhan	EAAZ	2011	3944211	163	2500	4146163	138
29	Debre Markos	NWR	1914	6790646	296	2152	5001213	194
30	Debre Tabor	NWR	879	3741668	355	965	4201679	363
31	Debre Zeit	SER	2630	8712069	276	3498	8018987	191
32	Dejen	NWR	182	420831	193	180	568528	263
33	Delomena	SER	77	292602	317	79	370331	391
34	Dembi Dollo	WR	-	-	-	654	-	-
35	Dessie	NER	4951	18855487	317	5355	16537183	257
36	Dilla	SR	1951	9055006	387	2059	21102011	854
37	Dire Dawa	ER	6595	40523660	512	8704	24229423	232
38	Dodola	SER	138	571679	345	127	13586139	8915
39	Dukem	SER	-	-	-	286	149855	175
40	Dupti	NER	169	785486	387	203	3477944	1428
41	Durame	SR	163	1247593	638	174	717868	344
42	Endasillassie	NR	860	11087847	1074	947	9290314	818
43	Fincha	WR	175	0	0	166	789739	396
44	Finote Selam	NWR	187	913815	407	186	2000505	896
45	Fitche	NAAZ	651	2229999	285	867	2599804	250
46	Gambella	SWR	572	3000712	437	669	2659444	331
47	G/guracha(kuyu)	NAAZ	165	20597	10	216	11301964	4360
48	Ghimbi	WR	508	2756844	452	652	3746778	479

	Automatic Towns	Zone Region	1992 E.F.Y			1993 E.F.Y		
			Total Connected Lines	Metered Calls	Metered Calls per Line per month	Total Connected Lines	Metered Calls	Metered Calls per Line per month
49	Ghion	SWAAZ	734	2389263	271	750	2921043	325
50	Gimjabet Mariam	NWR	28	45437	135	63	335681	444
51	Ginir	SER	174	339046	162	180	2044794	947
52	Goba	SER	1029	3607921	292	1120	3766150	280
53	Gondar	NWR	3167	25158495	662	4382	23702175	451
54	Gore	SWR	184	292944	133	187	3157452	1407
55	Hagere Hiwot	WAAZ	1374	3372477	205	1513	3906982	215
56	Harar	ER	3287	15417973	391	5090	20970100	343
57	Holeta Gennet	WAAZ	330	76309	19	354	2280383	537
58	Hossaena	SR	635	4662677	615	1608	5931300	307
59	Injibara (Kosso Ber)	NWR	169	326600	260	168	2065942	1025
60	Jijiga	ER	1173	12526606	890	1951	11326301	484
61	Jimma	SWR	4192	32725712	651	4531	22547214	415
62	Jinka	SR	110	514021	389	108	5562168	2749
63	Kemise	NER	-	-	-	414	142656	115
64	Kibre Mengist	SR	337	1061287	262	343	2620077	637
65	Lalibela	NER	267	135938	42	277	1159252	349
66	Maichew	NR	497	2802045	470	673	8277704	1025
67	Mekele	NR	6110	41383832	564	7155	42491557	495
68	Meki	SER	-	-	-	179	-	-
69	Mendi	WR	-	-	-	77	-	-
70	Metehara	SER	356	685294	160	390	1399467	299
71	Metekel	NWR	-	-	-	330	100520	102
72	Mettu	SWR	1135	4709579	346	1304	5465157	349
73	Mizan Teferi	SWR	-	-	-	345	2282379	735
74	Modjo	SER	-	-	-	524	1380140	293
75	Moyale	SR	439	4221923	801	498	5635425	943
76	Nazreth	SER	7287	32300152	369	9214	28712207	260
77	Nedjo	WR	-	-	-	99	-	-
78	Negele Borena	SR	533	4351323	680	614	13427234	1822
79	Nekemte	WR	2307	11414059	412	2639	13228493	418
80	Robe (Bale)	SER	298	1041138	291	600	3753313	521
81	Sebeta	SWAAZ	524	1133374	180	736	3671441	416
82	Shakiso	SR	240	1548663	538	323	3229049	833
83	Saambu	WR	93	268875	241	87	1551494	1486
84	Shashemene	SR	2770	14661854	441	2818	17354316	513
85	Shewa	SER	6	0	0	83	1333020	1338
86	Shewa Robit	NER	-	-	-	395	134293	113
87	Wolaita Sodo	SR	1189	5244087	368	1435	16671915	968
88	Wonji	SER	1382	414741	25	1589	3493524	183
89	Woldia	NER	305	4962078	1356	956	5866820	511
90	Wolkite	SWAAZ	118	0	0	421	4415533	874
91	Woreilu	NER	186	169180	76	137	1442909	878
92	Yirgalem	SR	455	685427	309	471	5947496	1052
93	Zway	SER	887	4755043	447	1069	5533574	431
<b>Total</b>			<b>228626</b>	<b>1010206739</b>	<b>368</b>	<b>282015</b>	<b>1253413422</b>	<b>370</b>

**Metered Telephone Calls By Region & Zone  
1991 - 1993 E.F.Y ( 1998/99 - 2000/01 G.C )**

Zone/Regions	1991 E.F.Y	% Change over 1990	1992 E F Y	% Change over 1991	1993 E F Y	% Change over 1992
A.A Zones	449275411	14.86	549169546	22.23	675279974	22.96
East Region	56748623	13.59	70562335	24.34	60185573	-14.71
N. West Region	43753856	13.40	70613685	61.39	75154492	6.43
N.East Region	29252335	17.43	37928287	29.66	50906912	34.22
North Region	68009214	32.61	79794317	17.33	89684654	12.39
S. West Region	30228088	12.77	45468728	50.42	43181910	-5.03
S.East Region	42595899	5.33	58309179	36.89	88885158	52.44
South Region	53925812	-3.18	80727422	49.70	133129206	64.92
West Region	12630173	8.22	17633240	39.61	30995543	109.81
<b>Total</b>	<b>78641941</b>	<b>13.71</b>	<b>1010206739</b>	<b>28.46</b>	<b>1253413422</b>	<b>24.97</b>

**Interurban Telephone calls (Via operator) by Zones & Regions  
1991 - 1993 E.F.Y (1993/99-2000/01 G.C)**

Zone/Region	1991 E.F.Y		1992 E.F.Y		1993 E.F.Y	
	Number of Calls	% change over 1990 E.F.Y	Number of Calls	% change over 1991 E.F.Y	Number of Calls	% change over 1992 E.F.Y
<b>CAAZ</b>	18360	2.59	44738	143.67	112877	152.31
Filwoha	18360	1.58	44738	143.67	112877	152.31
<b>EAAZ</b>	116534	1.54	138330	18.70	164067	18.61
Bole	0	-	0	-	7996	-
EAAZ Excl. Bole	116534	5.24	138330	18.70	156071	12.83
<b>NAAZ</b>	124842	3.01	211888	69.72	282585	33.37
Arada	0	-	0	-	0	-
NAAZ Excl. Arada	124842	-2.41	211888	69.72	282585	33.37
<b>SAAZ</b>	14671	1.23	48101	227.86	53171	10.54
Kirkos	0	-	8430	-	33756	300.43
SAAZ Excl. Kirkos	14671	-5.02	39671	170.40	19415	-51.06
<b>SWAAZ</b>	297209	1.05	310031	4.31	317611	2.44
Old Air Port	0	-	0	-	0	-
SWAAZ Excl. O.R.Po	297209	-1.41	310031	4.31	317611	2.44
<b>WAAZ</b>	183852	1.23	294853	60.38	312704	6.05
Addis Ketema	0	-	21750	-	50742	133.30
WAAZ Excl. A. Ketem	183852	-2.41	273103	48.55	261962	-4.08
<b>ER</b>	858843	1.23	757472	-11.80	1022966	35.05
Dire Dawa	166915	2.71	143626	-13.95	188847	31.49
ER Excl. Dire Dawa	691928	0.56	613846	-11.28	834119	35.88
<b>NER</b>	784979	0.15	984591	25.43	1257148	27.68
Dessie	132569	1.24	153329	15.66	201109	31.16
NER Excl. Dessie	652410	3.12	831262	27.41	1056039	27.04
<b>NWR</b>	923083	-2.41	1087317	17.79	1413610	30.01
Bahir Dar	108824	1.23	119361	9.68	182755	53.11
NWR Excl. B/Dar	814259	0.56	967946	18.87	1230855	27.16
<b>SER</b>	759875	0.15	1037217	36.50	1299689	25.31
Nazreth	63294	1.24	51906	-17.99	54525	5.05
SER Excl Nazreth	696581	3.12	935311	41.45	1245164	26.37
<b>SR</b>	1040042	-2.41	1055624	1.50	1426377	35.12
Shashemene	102347	1.23	92280	-9.84	112934	22.38
SR Excl Shashemene	937695	0.56	963344	2.74	1313443	36.34
<b>SWR</b>	851602	0.15	733774	-13.84	796177	8.50
Jimma	186340	1.24	151514	-18.69	163955	8.21
SWR Excl. Jimma	665262	3.12	582260	-12.48	632222	8.58
<b>NR</b>	497006	-0.38	618451	24.44	1370208	121.55
Mekele	63435	-2.5	105536	66.37	132519	25.57
NR Excl. Mekele	433571	2.71	512915	18.30	1237689	141.30
<b>WR</b>	312189	0.56	398804	27.74	545394	36.76
Nekempte	72538	0.15	85338	17.65	107920	26.46
WR Excl Nekempte	239651	1.24	313466	-2.91	437474	39.56
<b>Total</b>	<b>6783087</b>	<b>3.12</b>	<b>7721191</b>	<b>13.83</b>	<b>10374584</b>	<b>34.37</b>

**Metered, Interurban & International Telephone Traffic  
1978 - 1993 E.F.Y ( 1985/86 -2000/01 G.C.)**

Year (E.F.Y)	Automatic Subscriber's Lines	Total Subscriber Lines	Metered		Interurban		International		
			Calls	Calls Per Line	Calls	Calls Per Line	Calls	Minutes	Calls Per Line
1978	87408	103186	322796634	3693	4501548	44	295748	2165934	3
1979	89859	106131	333734236	3714	4636978	44	385393	2605587	4
1980	88738	105985	356372131	4016	4940633	47	471731	2858357	4
1981	98460	115843	211532869	3164	4644310	40	671994	4722587	6
1982	108317	125398	362763201	3349	4363675	35	1162185	7313113	9
1983	116986	133091	395783398	3383	4426717	33	1691200	8865471	13
1984	112269	127041	423499582	3772	3001234	24	2035705	10030634	16
1985	118124	132478	470784381	3986	2672658	28	2761791	10915704	21
1986	122806	137731	523643038	4264	4415726	32	3125513	11472100	23
1987	127912	142452	540008163	4222	5406064	38	3109511	10499396	22
1988	133825	148739	568256632	4246	6077778	41	3408296	10346291	23
1989	141477	156538	619452470	4378	6651253	42	3563024	10690183	23
1990	149808	164140	704396607	4702	7217904	44	3938205	11839351	24
1991	183121	194494	786419411	4295	6783087	35	4677424	12453411	21
1992	222433	231945	1010206739	4419	7721191	33	4358416	13420355	19
1993	275926	283683	1233413422	4543	10374584	37	4519346	13415739	16

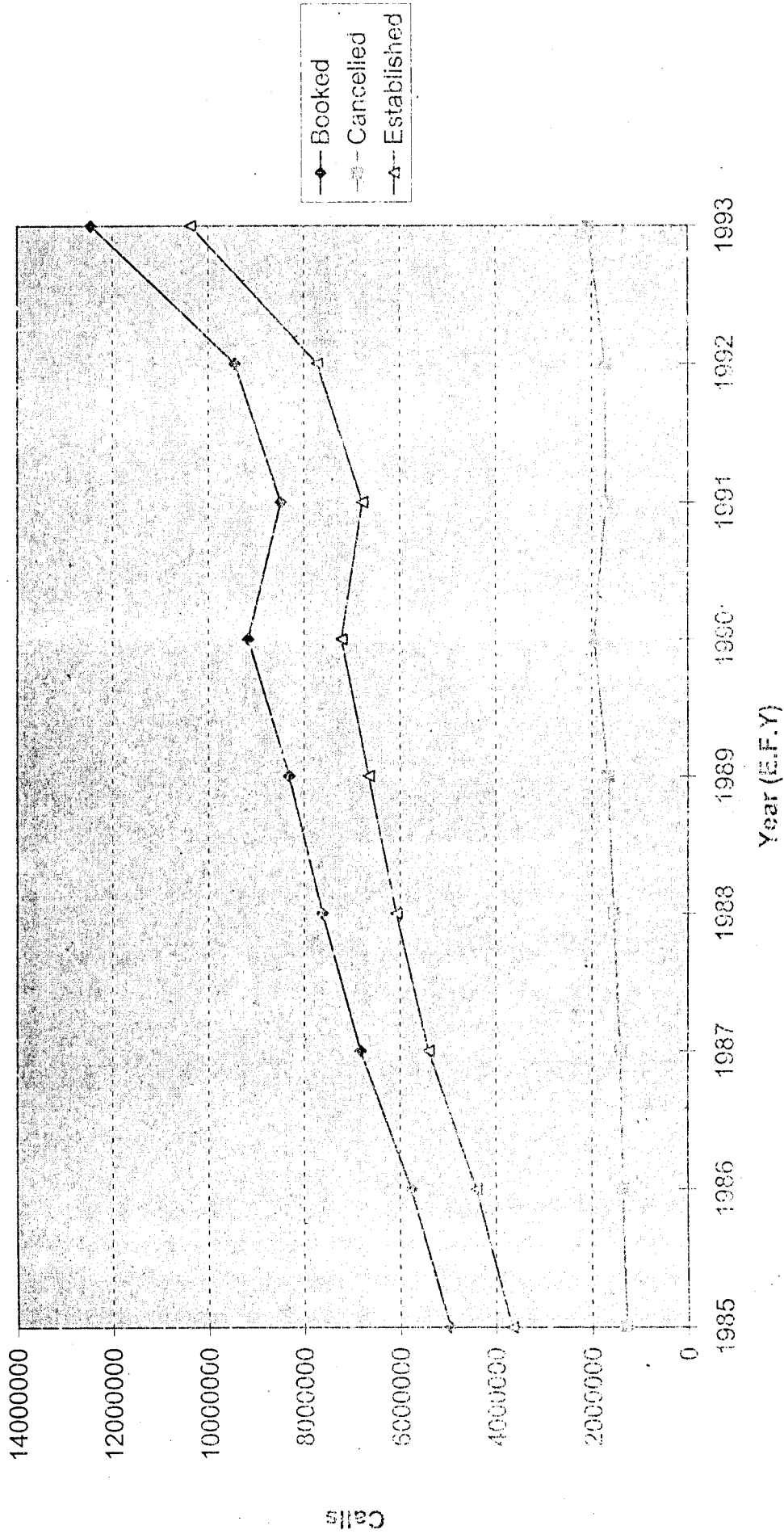
## Booked Vs Cancelled Interurban Telephone Calls

1991 - 1993 E.F.Y (1998/99 - 2000/01 G.C )

Zone & Regions	1991 E.F.Y			1992 E.F.Y			1993 E.F.Y		
	Booked	Cancelled	Successful Calls as % of Booked	Booked	Cancelled	Successful Calls as % of Booked	Booked	Cancelled	Successful Calls as % of Booked
<i>A.A Zones</i>									
CAAZ	36080	17720	50.89	65549	20771	68.31	139562	26685	80.88
EAAZ	145752	29218	79.95	168897	30967	81.67	205350	41283	79.90
NAAZ	158727	33885	78.65	285115	40393	85.83	306018	23433	92.34
SAAZ	21286	6615	68.92	58926	10825	81.63	61401	8230	86.60
SWAAZ	403487	106278	73.66	391273	81275	79.23	401947	84336	79.02
WAAZ	236564	52712	77.72	381489	80636	78.86	381065	68361	82.06
<b>Sub Total</b>	<b>1001896</b>	<b>246428</b>	<b>75.40</b>	<b>1351249</b>	<b>264867</b>	<b>80.40</b>	<b>1495343</b>	<b>252328</b>	<b>83.13</b>
<i>Regions</i>									
ER	950606	91763	90.35	893768	136326	84.75	1190540	167574	85.92
NER	995538	210559	78.85	1170895	186307	84.09	1491126	233978	84.31
NWR	1122059	198976	82.27	1238020	202703	84.26	1635570	221960	86.43
SER	998247	238362	76.12	1244053	212076	82.95	1563458	263769	85.13
SR	1353977	313935	76.81	1359901	333867	75.45	1767440	341063	80.70
SWR	970456	118854	87.75	855802	123566	85.56	925618	129441	86.02
NR	666021	169015	74.62	765108	146657	80.83	1663263	293055	82.38
WR	428567	116378	72.84	518521	119757	76.90	719621	174227	75.79
<b>Sub Total</b>	<b>7485471</b>	<b>1457842</b>	<b>80.52</b>	<b>8096068</b>	<b>1461259</b>	<b>81.95</b>	<b>10956636</b>	<b>1825067</b>	<b>83.34</b>
<b>Grand Total</b>	<b>8487367</b>	<b>1704270</b>	<b>79.92</b>	<b>9447317</b>	<b>1726126</b>	<b>81.73</b>	<b>12451979</b>	<b>2077395</b>	<b>83.32</b>

Source :- Traffic Reports From Zones & Regions.

**Booked, Cancelled & Established Interurban Telephone Traffic Calls  
1985-1993 E.F.Y. (1992/93-2000/01 G.C.)**





**International Outgoing Telephone Traffic by Route  
1990-1993 E.F.Y.(1998/99 - 2000/01 G.C.)**

No,	Route	1990 E.F.Y		1991 E.F.Y		1992 E.F.Y		1993 E.F.Y		% Traffic by Minutes
		Calls	Minutes	Calls	Minutes	Calls	Minutes	Calls	Minutes	
1	Belgium	38590	105864	18017	49962	0	0	5823	18062	0.13
2	Canada	95734	251324	50402	140211	58121	170110	66522	210500	1.57
3	Djibouti	300487	778639	422354	1236931	331862	890590	538603	531745	3.96
4	Egypt	34815	104596	0	0	0	0	0	0	0.00
5	Finland	94406	240074	90203	236784	86508	224200	73477	185281	1.38
6	France	172159	573320	173592	513541	128585	399598	115693	372612	2.78
7	Germany	199365	546566	183273	498469	69835	202904	159528	485844	3.62
8	Greece	25585	85053	27843	109737	38655	119333	14083	42310	0.32
9	India	77975	200754	65780	171730	73091	178405	56990	147461	1.10
10	Italy	662305	2030062	665784	2106733	533561	1812838	742240	2542128	18.95
11	Ivory Coast	18300	57130	17465	59296	11759	36446	0	0	0.00
12	Japan	44719	98637	43160	90650	44402	111212	37462	106899	0.80
13	Kenya	171826	638377	199444	771954	117446	460831	223819	853009	6.36
14	S.Africa	61782	154136	45951	131676	33226	88940	0	0	0.00
15	S.Arabia	116872	300904	156445	442734	193674	589225	202044	571786	4.26
16	Singapore	10048	22873	9762	23670	11874	21936	13015	28644	0.21
17	Sweden	293396	853996	276616	841299	183152	576803	151062	468666	3.49
18	Tanzania	17336	66807	16810	58696	8880	33858	3294	13595	0.10
19	U.A.E	158719	367832	140407	322940	195780	476418	173587	397548	2.96
20	Uganda	19398	58911	18611	58011	4147	13027	2143	8709	0.06
21	U.K	523778	1539755	505336	1510399	586244	1770094	508934	1594538	11.89
22	U.S.A	746222	2584069	939255	3045299	1453581	4524236	1305031	4164039	31.04
23	Yemen	44909	142462	5	16	0	0	0	0	0.00
24	Zambia	9479	37210	10910	41673	1531	4756	15265	50281	0.37
25	Unknown route	-	-	-	-	192502	711585	200731	622082	4.64
<b>Total</b>		<b>3938205</b>	<b>11839351</b>	<b>4077425</b>	<b>12453411</b>	<b>4353416</b>	<b>13420355</b>	<b>4619346</b>	<b>13415739</b>	<b>100.00</b>

**Outgoing International Telephone Terminal Traffic Of Direct Routes  
1990 - 1993 E.F.Y ( 1998/99 - 2000/01 G.C )**

No	Route	1990 E.F.Y		1991 E.F.Y		1992 E.F.Y		1993 E.F.Y	
		Calls	Minutes	Calls	Minutes	Calls	Minutes	Calls	Minutes
1	Belgium	38590	105864	18017	49962	0	0	5823	18062
2	Canada	59667	174055	46234	127842	50688	147672	58728	183767
3	Djibouti	300487	778639	422354	1236931	331862	890590	538597	531742
4	Egypt	34815	104596	0	0	0	0	0	0
5	Finland	18200	49990	17024	51401	17048	45223	10800	30911
6	France	142950	484997	140755	450493	104798	322127	90190	286331
7	Germany	191659	523566	181224	490315	64411	183455	159074	449305
8	Greece	25349	84375	26647	96892	34956	105425	13810	41237
9	India	77975	200754	65780	171730	73091	178405	56990	147461
10	Italy	296224	918542	232288	738765	212713	707254	254403	852729
11	Ivory Coast	18300	57130	17465	59296	11756	36441	0	0
12	Japan	44656	98444	43082	90532	44347	111111	37370	106694
13	Kenya	171261	636205	197792	762580	115945	455133	221162	841552
14	S.Africa	61782	154136	45951	131676	33225	88938	0	0
15	S.Arabia	116872	300904	156445	442734	193674	589235	202044	571786
16	Singapore	10048	22873	9762	23670	11874	24936	13015	28644
17	Sweden	100268	317086	91570	285423	73286	234808	78208	237182
18	Tanzania	17336	66807	16810	58696	8880	33858	3294	13595
19	U.A.E	158666	367684	121566	275859	179910	418629	164162	367402
20	Uganda	19398	58911	12173	58011	4147	13027	0	0
21	U.K	315274	899147	264864	788508	228955	683302	241155	768443
22	U.S.A	453039	1634448	490316	1680698	483056	1574375	574005	1955588
23	Yemen	44909	142462	5	16	0	0	0	0
24	Zambia	9479	37210	14328	41673	1531	4756	15265	50281
25	Unknown route	-	-	-	-	192062	709648	200726	622082
26	Rest of the world	1211001	3620526	1444973	4339708	1886201	5862007	1680525	5310945
	<b>Total</b>	<b>3938265</b>	<b>11839351</b>	<b>4077425</b>	<b>12053411</b>	<b>4358416</b>	<b>13420355</b>	<b>4619846</b>	<b>13415739</b>

## Outgoing International Telephone Traffic By Continent 1989 - 1993 E.F.Y. (1996/97 - 2000/01 G.C)

Continent	1989 E.F.Y.		1990 E.F.Y.		1991 E.F.Y.		1992 E.F.Y.		1993 E.F.Y.	
	Calls	Minutes	Calls	Minutes	Calls	Minutes	Calls	Minutes	Calls	Minutes
Africa	843918	2735444.3	956970	3003306	1183801	3828103	1240300	4023546	1412877	3635593
America	506233	1737864.98	521948	1825634	553531	1861670	621390	2030532	610075	2039048
Asia	761258	1910193.65	876849	2310426	831241	2287638	1034534	2816919	1140674	3085619
Europe	1431305	4255946.13	1560401	4649636	1486930	4425315	1440652	4488563	1428020	4588400
Oceania	20310	50733	22037	50349	21922	50685	21540	60795	27700	67079
<b>Total</b>	<b>3563624</b>	<b>10696183</b>	<b>3938205</b>	<b>11839351</b>	<b>4077425</b>	<b>12453411</b>	<b>4358416</b>	<b>13420355</b>	<b>4619346</b>	<b>13415739</b>

Outgoing International Traffic in Minutes 1993 E.F.Y. (2000/01)

