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نقالاً من وثيقة ورقية أصلية ضمن الوثائق المتوفرة في قسم المكتبة والمحفوظات.

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GENERAL TELEPHONE STATISTICS

COMPILED

FROM OFFICIAL DOCUMENTS

BY THE

**GENERAL SECRETARIAT
OF THE INTERNATIONAL TELECOMMUNICATION UNION**

=====

Year 1948

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GENEVA

GENERAL SECRETARIAT OF THE INTERNATIONAL TELECOMMUNICATION UNION

1949

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GENERAL OBSERVATIONS

The letter **E** at the top of a column, under the name of the country, indicates : Operated by the Government.

The letter **P** at the top of a column, under the name of the country, indicates : Operated by private agencies.

Dashes in the columns indicate either that no information is available or that the service in question does not exist or has been suspended.

This publication also contains statistical information for the year 1947 concerning: Angola, Cape Verde Islands, Ceylon, French Settlements in Oceania, Indonesia, Kenya, Tanganyika and Uganda, Macao, Martinique, Mozambique, Portuguese Guinea, Portuguese Indies, Portuguese Timor, Reunion, S. Tomé and Príncipe, Somaliland, Spain and Surinam.

The "explanatory notes" in the statistical table sent to offices for completion are given below. They show how certain headings are to be interpreted.

Explanatory Notes:

- (1) By telephone exchange is meant an automatic, semi-automatic or manual installation to which subscribers are connected, and which is operated by an Administration or private operating agency.
- (2) In the number of subscribers' lines include lines connecting service and public telephone stations with the central exchange.
- (3) Private telephone stations which cannot be connected with the general telephone network are not to be included among subscribers' stations.
- (4) All telephone stations put at the disposal of the public by Administrations or private operating agencies constitute public stations.
- (5) The length of a telephone circuit (defined on page 45 of the Green Book of the C.C.I.F.) is the length of the **route** followed by the conducting wires which form the circuit or are used for the circuit, i.e. the **simple distance** between the terminal exchanges measured along the actual route taken.
- (6) Where a submarine cable belongs to two Administrations or private operating agencies, these Administrations or private operating agencies should indicate in their statistical data only the length of that section of the cable which belongs to them.
- (7) No other categories of calls should be entered under this heading. If it is impossible to enumerate separately every category of call, this fact should be stated.
- (8) In **internal trunk traffic**, each broadcast transmission, whether it be received and broadcast by one or by more stations, should count as one unit only.
- (9) By **transit traffic** is meant the total number of chargeable minutes of calls passed in transit through the country in question **with the actual intervention of an international terminal exchange** situated within the territory of this country. Calls transmitted by a direct circuit over the territory of the country in question and set up without the intervention of a terminal exchange within such a country should not be regarded as transit traffic.
- (10) In **international traffic**, every country participating in a broadcast transmission, by the transmitting station or by **one or more** receiving stations, or as transit country, should record one unit.
If the transmission is intercepted within the transit country by one or more receiving stations, it should still be regarded by this country as an international broadcast transmission, and should not, therefore, figure in the statistics of internal traffic.
If a broadcast is transmitted in both the internal service and the international service, it must be recorded by the country of origin both as internal trunk traffic and as international traffic.
If the source of a broadcast is changed during transmission, each change shall be entered in the statistics as a new transmission.

Telephone Statistics 1948
(Chapters I—VI)

Statistical item	Angola		Australia (Common-wealth of) E
	1947 E	1948 E	
I. Population of country according to last census	3 738 010	3 738 010	7 643 316
II. Area of country in square kilometres	1 246 700	1 246 700	7 704 164
III. Number of exchanges in operation: (1)			
1) Automatic exchanges	—	—	319
2) Semi-automatic exchanges	—	—	—
3) Manual exchanges	7	7	6 157
Total number of exchanges	7	7	6 476
IV. Number of subscriber lines in operation: (2)			
1) Subscriber lines directly connected to automatic exchanges .	—	—	408 879
2) Subscriber lines directly connected to semi-automatic exchanges	—	—	—
3) Subscriber lines directly connected to manual exchanges . .	1 271	1 365	279 469
Total number of subscriber lines	1 271	1 365	688 348
V. Number of stations in operation:			
1) Private stations (including supplementary and service stations) (3)	1 505	1 730	950 071
2) Public stations (4)	35	135	13 083
Total number of stations	1 540	1 865	963 154
VI. Number of trunk and international circuits in operation:			
1) Total number of internal circuits (total of physical, phantom and carrier circuits added together)	119	119	8 088
2) Total number of international circuits (total of physical, phantom and carrier circuits added together)	2	2	—
3) Total length in kilometres of open-wire circuits (internal and international): (5)			
a) physical circuits	9 187	11 528 ¹⁾	369 379
b) phantom circuits	—	—	47 826
c) carrier circuits	—	—	368 662
4) Total length in kilometres of overhead or underground cable circuits (internal and international)			
a) two-wire physical circuits	—	108	—
b) four-wire physical circuits	—	—	—
c) phantom circuits (two or four-wire)	—	—	—
d) carrier circuits	—	—	—
5) Total length in kilometres of submarine cable circuits (internal and international) (6):			
a) two-wire physical circuits	—	—	—
b) four-wire physical circuits	—	—	—
c) phantom circuits (two or four wire)	—	—	—
d) carrier circuits	—	—	—

Telephone Statistics 1948
(Chapters I—VI)

Austria E	Belgium ¹⁾ E	Cape Verde Islands		Ceylon 1947 E	Denmark		Egypt ¹⁾ E
		1947 E	1948 E		E ¹⁾	P	
6 818 593	8 602 611	181 286	181 286	6 979 000	4 199 703 ²⁾	4 199 703 ²⁾	— ²⁾
83 867	30 444	4 033	4 033	65 608	42 932 ²⁾	42 932 ²⁾	— ³⁾
66	156	—	—	130	30	51	8 ⁴⁾
—	75	—	—	—	—	—	—
2 168	394	2	2	87	124	1 631	162 ⁵⁾
2 234	625	2	2	217	154 ³⁾	1 682	170
161 754	311 471	—	—	9 820	—	—	40 483
—	2 801	—	—	8 474	—	219 335	—
57 410	129 358	—	120	—	14 479	269 697	19 644
219 164	443 630	—	120	8 474	24 299	489 032	60 127 ⁶⁾
345 918	595 509	107	136	12 920	30 575	606 643	— ⁷⁾
5 319	6 105	23	23	345	283	6 136	678 ⁸⁾
351 237	601 614	130	159	13 265	30 858	612 779	678
3 755	7 762	17	17	446	1 633	9 841	2 263 ⁹⁾
41	335	—	—	2	98	—	7 ¹⁰⁾
44 708	23 796	336	336	9 890	6 629	60 106	52 074 ¹¹⁾
2 090	595	—	—	—	1 921	—	9 567 ¹²⁾
4 938	—	—	—	1 176	1 708	—	— ¹³⁾
76 675	91 577	—	—	1 663	52 359	214 543	51 664 ¹⁴⁾
42 484	35 339	—	—	—	8 032	—	—
37 454	35 622	—	—	—	20 855	—	4 934
7 419	—	—	—	—	21 061	—	—
—	3 973	—	—	25	3 653	2 714	— ¹⁵⁾
—	—	—	—	—	1 704	—	—
—	—	—	—	—	1 024	—	— ¹⁶⁾
—	—	—	—	—	3 963	—	— ¹⁷⁾

Telephone Statistics 1948 (Chapters VII—IX)

Statistical item	Angola		Australia (Common- wealth of) E
	1947 E	1948 E	
VII. Traffic:			
1) Local traffic:			
a) number of calls (regardless of duration) from subscriber stations	6 951 405	6 182 893	768 995 408 ²⁾ 86 628 939 ²⁾
b) number of calls (regardless of duration) from public stations			
Total number of local calls	6 951 405	6 182 893	855 624 347
2) Trunk traffic:			
a) number of chargeable minutes of conversation			
i) during periods of heavy traffic	39 634	38 936	— ³⁾
ii) during periods of light traffic			
Total	39 634	38 936	—
b) number of chargeable calls (regardless of duration):			
ordinary private (7)	14 732	11 502	62 284 405 ⁴⁾
urgent	—	—	
urgent aircraft	—	—	
lightning	—	—	— ⁵⁾
reversed charge	—	—	
subscription	—	—	
fixed-time	—	—	
broadcast transmissions (8)	805	1 534	32 849
collective	—	—	— ⁵⁾
picture transmissions between private stations	—	—	
Total	15 537	13 036	62 317 254
c) Number of préavis (including those not followed by calls)			
Number of avis d'appel (including those not followed by calls)	10 636	8 923	— ⁵⁾
Total	10 636	8 923	—
3) International Traffic (outgoing, incoming and transit) (9):			
a) total number of chargeable minutes of conversation:			
i) during period of terminal traffic (outgoing and incoming)	1 177	1 343	
heavy traffic transit traffic (9)	—	—	— ⁶⁾
ii) during period of terminal traffic (outgoing and incoming)			
light traffic transit traffic (9)	—	—	
Total	1 177	1 343	—
b) Number of chargeable calls (regardless of duration) not including transit traffic:			
ordinary private (7)	433	469	22 456
urgent	—	—	
urgent aircraft	—	—	
lightning	—	—	
reversed charge	—	—	
subscription	—	—	— ⁶⁾
fixed-time	—	—	
broadcast transmissions (10)	—	—	
collective	—	—	
picture transmissions between private stations	—	—	
Total	433	469	22 456
c) number of préavis and avis d'appel, not including transit traffic:			
number of préavis (including those not followed by calls)	—	—	
number of avis d'appel (including those not followed by calls)	—	—	— ⁶⁾
Total	—	—	—
VIII. Total gross expenditure in gold francs of the internal and international telephone services, including payment of interest on capital invested and depreciation of equipment (optional)			343 148 000
IX. Total gross income in gold francs of the internal and international telephone services	76 245	75 775 ²⁾	374 670 000

Telephone Statistics 1948 (Chapters VII—IX)

Austria E	Belgium E	Cape Verde Islands		Ceylon 1947 E	Denmark		Egypt ¹⁾ E
		1947 E	1948 E		E ¹⁾	P	
— ¹⁾	363 427 493	—	— ¹⁾	31 139 183	42 216 000	836 754 136	456 973 200 ¹⁸⁾
— ¹⁾	6 250 483	—	—	104 653			600 200
—	369 677 976	—	—	31 243 836	42 216 000	836 754 136	457 573 400
170 892 680	— ²⁾	—	—	—	23 829 000	—	11 210 100
—	—	—	—	—	10 041 000	—	26 170 200
170 892 680	—	—	—	—	33 870 000 ⁴⁾	—	37 380 300 ¹⁹⁾
33 335 266		3 776	4 580	2 389 592			7 489 677
4 509 644		—	—				206 100
—		—	—	—			—
—		—	—	—	10 046 000		—
160 866	56 730 668 ³⁾	—	—	—		149 783 976	—
8 329	—	—	—	—		—	—
—	—	—	—	—	851	—	—
1 031	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
38 015 136	56 730 668	3 776	4 580	2 389 592	10 046 851	149 783 976	7 695 777
413 968	— ²⁾	2 886	—	—		—	—
388 127	— ²⁾	—	2 416	—	1 647 000	—	—
802 095	—	2 886	2 416	—	1 647 000	—	—
2 132 288	20 717 328	—	—	—	5 232 000	—	—
54 611	7 778	—	—	—	105 000	—	—
—	—	—	—	—	1 901 000	—	—
—	—	—	—	—	—	—	—
2 186 899	20 725 106	—	—	—	7 238 000	—	— ¹⁹⁾
320 442	3 016 548	—	—	—		—	—
6 791	365 487	—	—	—		—	—
—	—	—	—	—		—	—
—	8 829	—	—	—	1 255 000	—	—
—	554	—	—	—	—	—	—
—	360	—	—	—	—	—	—
—	28	—	—	—	—	—	—
345	407	—	—	—	461	—	—
—	—	—	—	—	—	—	—
—	42	—	—	—	—	—	—
327 578	3 392 255	—	—	—	1 255 461	—	—
92 422	277 236	—	—	—		—	—
406	6 244	—	—	—	505 000	—	—
92 828	283 480	—	—	—	505 000	—	—
—	85 670 000 ⁴⁾	— ²⁾	— ¹⁾	— ¹⁾	—	— ⁵⁾ 7)	—
—	86 100 000	4 525	4 911 ³⁾	— ²⁾	— ⁵⁾ 6)	— ⁵⁾ 8)	47 758 808

Telephone Statistics 1948

(Chapters I—VI)

Statistical item	Finland ¹⁾ EP	France E	French Settlements in Oceania 1947 E
I. Population of country according to last census	4 113 165	40 502 513	25 000 ¹⁾
II. Area of country in square kilometres	336 937	550 926	1 042 ²⁾
III. Number of exchanges in operation: (1)			
1) Automatic exchanges	121	214 ¹⁾	—
2) Semi-automatic exchanges	57	14 849 ²⁾	—
3) Manual exchanges	2 103	14 623	2
Total number of exchanges	2 281	29 686	2
IV. Number of subscriber lines in operation: (2)			
1) Subscriber lines directly connected to automatic exchanges .	106 836	644 039	—
2) Subscriber lines directly connected to semi-automatic exchanges	4 500	185 828	—
3) Subscriber lines directly connected to manual exchanges . . .	121 554	556 069	—
Total number of subscriber lines	232 890	1 385 936	—
V. Number of stations in operation:			
1) Private stations (including supplementary and service stations) (3)	302 104	2 190 761	389
2) Public stations (4)	1 590	41 775	17
Total number of stations	303 694	2 232 536	406
VI. Number of trunk and international circuits in operation:			
1) Total number of internal circuits (total of physical, phantom and carrier circuits added together)	—	77 926	17
2) Total number of international circuits (total of physical, phantom and carrier circuits added together)	35	813	—
3) Total length in kilometres of open wire circuits (internal and international): (5)			
a) physical circuits	147 601	700 530	296
b) phantom circuits	53 769	146 991	—
c) carrier circuits	59 749	181 365	—
4) Total length in kilometres of overhead or underground cable circuits (internal and international)			
a) two-wire physical circuits	3 522	843 924	— ²⁾
b) four-wire physical circuits	667	600 256	— ²⁾
c) phantom circuits (two or four-wire)	783	743 746	— ²⁾
d) carrier circuits	15 960	—	— ²⁾
5) Total length in kilometres of submarine cable circuits (internal and international) (6):			
a) two-wire physical circuits	950	338	— ²⁾
b) four-wire physical circuits	1 134	4	— ²⁾
c) phantom circuits (two or four wire)		47	— ²⁾
d) carrier circuits	5 114	2 147	— ²⁾

Telephone Statistics 1948

(Chapters I—VI)

Germany ¹⁾ (American Occupation Zone) E	Germany ¹⁾ (British Occupation Zone) E	Germany ¹⁾ (American and British Occupation Zones) E	Great Bri- tain and Northern Ireland ¹⁾ E	Greece ¹⁾ E	Hungarian People's Republic E	India ¹⁾ E
16 622 166	22 816 039	39 520 801	50 213 000	7 344 860 ²⁾	9 207 000	317 696 000
106 974	98 195	205 300	—	132 730	92 896	3 240 641
805	1 244	2 055	3 969	39	—	100
—	—	—	—	—	—	—
907	316	1 229	1 879	19	—	230
1 712	1 560	3 284	5 848	58	—	330
253 791	543 708	880 501	1 977 563	57 792	—	40 361
—	—	—	—	—	—	—
78 047	43 681	129 865	974 853	1 994	—	39 670
331 838	587 389	1 010 366	2 952 416	59 786	—	80 031
206 902	385 230	684 214	4 817 053	67 651	—	112 219
16 529	16 364	34 339	54 284	1 678	—	586
223 431	401 594	718 553	4 871 337	69 329	—	112 805
— ²⁾	— ²⁾	— ²⁾	— ²⁾	192	—	1 399
176	—	2	—	—	—	27
— ²⁾	— ²⁾	— ²⁾	— ²⁾	11 650	—	233 700
— ²⁾	— ²⁾	— ²⁾	— ²⁾	420	—	310 564
— ²⁾	— ²⁾	— ²⁾	— ²⁾	7 259	—	—
— ²⁾	— ²⁾	— ²⁾	— ²⁾	33	—	69

Telephone Statistics 1948

(Chapters VII—IX)

Statistical item	Finland ¹⁾ EP	France E	French Settlements in Oceania 1947 E
VII. Traffic:			
1) Local traffic:			
a) number of calls (regardless of duration) from subscriber stations	417 343 148	1 090 829 739 ³⁾	500 000
b) number of calls (regardless of duration) from public stations	27 399 366	60 000	
Total number of local calls	417 343 148	1 090 829 739	560 000
2) Trunk traffic:			
a) number of chargeable minutes of conversation			
i) during periods of heavy traffic	393 210 131	—	150 000
ii) during periods of light traffic	48 197 632	—	
Total	393 210 131	—	150 000
b) number of chargeable calls (regardless of duration):			
ordinary private (7)	60 461 679	30 000	
urgent	10 961 714	—	
urgent aircraft	—	—	
lightning	9 116	—	
reversed charge	—	—	
subscription	50 637	437 910 432 ⁴⁾	
fixed-time	9 605	—	
broadcast transmissions (8)	—	—	
collective	—	—	
picture transmissions between private stations	—	—	
Total	71 492 751	437 910 432	30 000
c) Number of préavis (including those not followed by calls)	—	—	
Number of avis d'appel (including those not followed by calls)	941 611	—	
Total	941 611	—	—
3) International Traffic (outgoing, incoming and transit) (9):			
a) total number of chargeable minutes of conversation:			
i) during period of terminal traffic (outgoing and incoming) transit traffic (9)	1 573 618	23 153 705	
heavy traffic	17 694	5 498 320	
ii) during period of terminal traffic (outgoing and incoming) light traffic (9)	716 466	—	
Total	2 307 778	28 652 025	—
b) Number of chargeable calls (regardless of duration) not including transit traffic:			
ordinary private (7)	355 053	—	
urgent	30 800	—	
urgent aircraft	—	—	
lightning	453	—	
reversed charge	—	—	
subscription	3 116	—	
fixed-time	116	—	
broadcast transmissions (10)	—	—	
collective	—	—	
picture transmissions between private stations	—	—	
Total	389 538	—	—
c) number of préavis and avis d'appel, not including transit traffic:			
number of préavis (including those not followed by calls)	—	—	
number of avis d'appel (including those not followed by calls)	80 648	—	
Total	80 648	—	—
VIII. Total gross expenditure in gold francs of the internal and international telephone services, including payment of interest on capital invested and depreciation of equipment (optional)	¹⁾	—	—
IX. Total gross income in gold francs of the internal and international telephone services	¹⁾	292 782 500 ⁵⁾	28 000

Germany ¹⁾ (American Occupation Zone) E	Germany ¹⁾ (British Occupation Zone) E	Germany ¹⁾ (American and British Occupation Zones) E	Great Bri- tain and Northern Ireland ¹⁾ E	Greece ¹⁾ E	Hungarian People's Republic E	India ¹⁾ E
447 293 762	988 030 829	1 417 309 814	2 911 000 000	224 198 800 ³⁾	153 620 358	
27 399 366	27 548 119	40 339 309	3 327 900	1 016 374	— ²⁾	
474 693 128	1 015 578 948	1 457 649 123	2 911 000 000	227 526 700	154 636 732	
368 305 680	528 044 958	892 256 563	—	24 005 528		
48 197 632	85 974 492	139 140 570	—	— ¹⁾		
416 503 312	614 019 450	1 031 397 133	—	24 005 528		
87 921 106	128 818 915	232 896 524	226 000 000	2 253 000	6 065 363	1 578 993
14 501 678	24 635 611	23 037 511	—	—	348 560	1 027 544
—	— ³⁾	—	—	—		
838 159	304 662	—	9 622			
38 484	26 007	515 121	—	—		
21 630	22 543	110 494	—	25 285		
3 400	2 120	—	4 250			
—	—	19 781	—	19		
103 324 457	153 505 196	256 884 093	226 000 000	2 253 000	6 453 099	2 606 537
161 450	71 344	1 293 006	—	— ²⁾		
36 602	24 111	1 716 200	—	253 354		810 938
197 752	95 455	3 009 206	—	253 354		810 938
770 565	1 966 829	6 092 359	50 892	2 651 722		
137 406	350 045	1 200 670	—	132 843		
—	— ²⁾	—	— ¹⁾	— ¹⁾		72 000
907 971	2 316 874	7 293 029	—	50 892	2 784 565	72 000
114 489	279 764	1 019 984	6 915	448 071		18 476
12 132	47 903	91 825	—	20 846		
—	—	1 825	—	214		
—	—	24 635	—	—		
—	—	1 200	68 053	54	112	
126 621	327 667	1 139 469	955 306	6 969	469 253	18 476
—	—	74 161	—	— ²⁾		
—	—	74 161	—	135 869		
—	—	—	—	135 869		
—	—	—	—	—		
—	—	—	—	32 011 886	21 494 340 ³⁾	
—	—	—	—	49 132 026	34 983 137³⁾	

Telephone Statistics 1948

(Chapters I—VI)

Statistical item	Indonesia		Ireland ¹⁾ E
	1947 E ¹⁾	1948 E	
I. Population of country according to last census	61 000 000 ²⁾	61 000 000	2 997 000
II. Area of country in square kilometres	1 884 000 ³⁾	1 884 000	70 284
III. Number of exchanges in operation: (1)			
1) Automatic exchanges	—	—	7
2) Semi-automatic exchanges	—	—	—
3) Manual exchanges	87	190	885
Total number of exchanges	87	190	892
IV. Number of subscriber lines in operation: (2)			
1) Subscriber lines directly connected to automatic exchanges .	—	—	24 614
2) Subscriber lines directly connected to semi-automatic exchanges	—	—	—
3) Subscriber lines directly connected to manual exchanges . . .	16 659	22 205	19 043
Total number of subscriber lines	16 659	22 205	43 657
V. Number of stations in operation:			
1) Private stations (including supplementary and service stations) (3)	20 146	29 292	66 192
2) Public stations (4)	117	146	1 789
Total number of stations	20 263	29 438	67 981
VI. Number of trunk and international circuits in operation:			
1) Total number of internal circuits (total of physical, phantom and carrier circuits added together)	96	151	708
2) Total number of international circuits (total of physical, phantom and carrier circuits added together)	—	—	87 ²⁾
3) Total length in kilometres of open wire circuits (internal and international): (5)			
a) physical circuits	2 341	10 000	
b) phantom circuits	165	227	
c) carrier circuits	207	390	
Total length in kilometres of open wire circuits (internal and international): (5)	2 341	10 000	55 616
4) Total length in kilometres of overhead or underground cable circuits (internal and international)	73	1 506	
a) two-wire physical circuits	—	—	
b) four-wire physical circuits	—	—	
c) phantom circuits (two or four-wire)	—	—	
d) carrier circuits	—	—	
Total length in kilometres of overhead or underground cable circuits (internal and international)	73	1 506	118 810
5) Total length in kilometres of submarine cable circuits (internal and international) (6):			
a) two-wire physical circuits	2	36	
b) four-wire physical circuits	—	—	
c) phantom circuits (two or four wire)	—	—	
d) carrier circuits	—	—	
Total length in kilometres of submarine cable circuits (internal and international) (6):	2	36	214

Telephone Statistics 1948

(Chapters I—VI)

Kenya, Tanganyika and Uganda		Luxem- bourg E	Macao		Malaya E	Martinique 1947 E	Morocco (excluding Spanish Zone) E
1947 E	1948 E		1947 E	1948 E			
13 949 900	13 949 900	290 992	200 000	200 000	4 877 678	261 595	6 298 000
1 762 400	1 762 400	2 586	15.5	15.5	131 284	987	567 200
13	13	16	1	1	68	54	4
—	—	—	1	1	—	—	4
106	112	36	1	1	129	—	473
119	125	52	3	3	197	54	481
4 705	6 001	10 140	—	—	3 653	—	15 974
—	—	—	—	—	—	—	3 079
2 521	1 696	5 182	—	—	8 706	1 376	9 485
7 226	7 697	15 322	—	—	12 359	1 376	28 538
13 168	13 904	20 700	—	—	197	1 906	41 374
166	176	401	—	—	213	56	481
13 334	14 080	21 101	—	—	410	1 962	41 855
167	172	751	—	—	649	80	467
2	2	53	—	—	—	—	37
8 723	10 991	4 448	112	112	16 957	800	46 309
180	180	477	—	—	—	66	10 229
4 240	4 240	—	—	—	—	—	39 793
—	—	4 955	178	178	53 969	—	8 288
—	—	177	—	—	—	—	1 840
—	—	—	—	—	18 848	—	5 136
1	1	—	5	5	928	—	552
—	—	—	—	—	—	—	—
—	—	—	—	—	70	—	—

Telephone Statistics 1948

(Chapters VII—IX)

Statistical item	Indonesia		Ireland ¹⁾ E
	1947 E ¹⁾	1948 E	
VII. Traffic:			
1) Local traffic:			
a) number of calls (regardless of duration) from subscriber stations	—	40 000 000	52 412 000
b) number of calls (regardless of duration) from public stations	—		4 839 000
Total number of local calls	—	40 000 000	57 251 000
2) Trunk traffic:			
a) number of chargeable minutes of conversation			
i) during periods of heavy traffic	393 249	2 445 758	28 086 000 ³⁾
ii) during periods of light traffic	393 249	2 445 758	28 086 000
Total	393 249	2 445 758	28 086 000
b) number of chargeable calls (regardless of duration):			
ordinary private (7)	—	335 311	
urgent	—	122 778	
urgent aircraft	—	—	
lightning	—	—	
reversed charge	—	—	
subscription	—	—	
fixed-time	—	—	
broadcast transmissions (8)	—	47 048 ⁵⁾	
collective	—	—	
picture transmissions between private stations	—	—	
Total	—	505 137	7 391 000
c) Number of préavis (including those not followed by calls)			
Number of avis d'appel (including those not followed by calls)	—	225 789	—
Total	—	225 789	—
3) International Traffic (outgoing, incoming and transit) (9):			
a) total number of chargeable minutes of conversation:			
i) during period of terminal traffic (outgoing and incoming) transit traffic (9)	54 201 ⁴⁾	93 422 ⁶⁾	3 807 000 ³⁾ ⁶⁾
ii) during period of terminal traffic (outgoing and incoming) transit traffic (9)	54 201 ⁴⁾	93 422	3 807 000
Total	54 201 ⁴⁾	93 422	3 807 000
b) Number of chargeable calls (regardless of duration) not including transit traffic:			
ordinary private (7)	—	19 808 ⁶⁾	
urgent	—	—	
urgent aircraft	—	—	
lightning	—	—	
reversed charge	—	—	
subscription	—	—	
fixed-time	—	—	
broadcast transmissions (10)	—	—	
collective	—	—	
picture transmissions between private stations	—	—	
Total	12 942 ⁴⁾	19 808	905 000 ⁴⁾ ⁶⁾
c) number of préavis and avis d'appel, not including transit traffic:			
number of préavis (including those not followed by calls)	—	—	—
number of avis d'appel (including those not followed by calls)	—	—	—
Total	—	—	—
VIII. Total gross expenditure in gold francs of the internal and international telephone services, including payment of interest on capital invested and depreciation of equipment (optional)	11 742 668	19 846 718	25 824 960 ⁵⁾
IX. Total gross income in gold francs of the domestic and international telephone services	3 667 599	15 398 296	30 497 040 ⁵⁾

Telephone Statistics 1948

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Telephone Statistics 1948
(Chapters I—VI)

Statistical item	Mozambique		Netherlands E
	1947 E	1948 E	
I. Population of country according to last census	5 090 294	5 090 294	9 872 074
II. Area of country in square kilometres	771 125	771 125	33 328
III. Number of exchanges in operation: (1)			
1) Automatic exchanges	—	—	647
2) Semi-automatic exchanges	—	—	—
3) Manual exchanges	29	29	755
Total number of exchanges	29	29	1 402
IV. Number of subscriber lines in operation: (2)			
1) Subscriber lines directly connected to automatic exchanges .	—	—	373 398
2) Subscriber lines directly connected to semi-automatic exchanges	—	—	—
3) Subscriber lines directly connected to manual exchanges . .	2 356	2 374	60 898
Total number of subscriber lines	2 356	2 374	434 296
V. Number of stations in operation:			
1) Private stations (including supplementary and service stations) (3)	2 764	3 006	630 002
2) Public stations (4)	166	242	2 665
Total number of stations	2 930	3 248	632 667
VI. Number of trunk and international circuits in operation:			
1) Total number of internal circuits (total of physical, phantom and carrier circuits added together)	99	103	13 689 ¹⁾
2) Total number of international circuits (total of physical, phantom and carrier circuits added together)	4	6	182
3) Total length in kilometres of open wire circuits (internal and international): (5)			
a) physical circuits	4 371	5 020	10 844
b) phantom circuits	109	109	422
c) carrier circuits	170	482	315
4) Total length in kilometres of overhead or underground cable circuits (internal and international)			
a) two-wire physical circuits	—	—	314 289
b) four-wire physical circuits	—	—	115 564
c) phantom circuits (two or four-wire)	—	—	16 607
d) carrier circuits	—	—	176 233
5) Total length in kilometres of submarine cable circuits (internal and international) (6):			
a) two-wire physical circuits	—	—	225
b) four-wire physical circuits	—	—	—
c) phantom circuits (two or four wire)	—	—	6 800

Telephone Statistics 1948
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Newfoundland ¹⁾ E	New Zealand ¹⁾ E	Pakistan ¹⁾ E	Portugal		Portuguese Guinea	
			E	P	1947 E	1948 E
310 000	1 746 319	80 000 000	7 722 152	7 722 152	371 104	371 104
94 950	165 777	—	91 721	91 721	36 125	36 125
2	21	25	16	5	—	—
—	—	—	27	33	1	1
27	329	82	713	108	1	1
29	350	107	756	146	2	2
350	97 170	8 463	4 640	38 139	—	—
—	—	—	549	416	130	136
10 964	56 882	4 369	22 442	24 730	27	28
11 314	154 052	12 832	27 631	63 285	157	164
14 059	297 166	16 525	34 589	87 384	154	161
255	3 386	125	1 589	1 075	3	3
14 314	300 552	16 650	36 178	88 459	157	164
—	—	237	2 672	1 010	1	2
—	—	32	22	—	—	1
—	59 561 ³⁾	46 856	35 753	4 561	89 670	89 670
—	22 536 ³⁾	9 535	9 855	72	—	—
—	70 163	32 222	63 993	134	—	—
—	—	—	—	—	—	—
—	54 382	—	9 053	7 982	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	866	—	—	—	—	—
—	—	—	—	—	—	—
—	910	—	122	245	—	—
—	—	—	—	—	—	—
—	2 930	—	—	—	—	—

Telephone Statistics 1948

(Chapters VII—IX)

Statistical item	Mozambique		Netherlands E
	1947 E	1948 E	
VII. Traffic:			
1) Local traffic:			
a) number of calls (regardless of duration) from subscriber stations	3 498 924	3 610 913	490 000 000
b) number of calls (regardless of duration) from public stations	36 140	10 000	
Total number of local calls	3 535 064	3 620 913	490 000 000
2) Trunk traffic:			
a) number of chargeable minutes of conversation			
i) during periods of heavy traffic	203 079	57 000	—
ii) during periods of light traffic		10 410	—
Total	203 079	67 410	—
b) number of chargeable calls (regardless of duration):			
ordinary private (7)	—	—	128 667 388
urgent	—	—	2 734 948
urgent aircraft	—	—	—
lightning	—	—	369 228
reversed charge	—	—	—
subscription	—	—	—
fixed-time	—	—	—
broadcast transmissions (8)	—	—	5 202
collective	—	—	—
picture transmissions between private stations	—	—	—
Total	—	—	131 776 766
c) Number of préavis (including those not followed by calls)	—	—	72 163
Number of avis d'appel (including those not followed by calls)	—	—	91 571
Total	—	—	163 734
3) International Traffic (outgoing, incoming and transit) (9):			
a) total number of chargeable minutes of conversation:			
i) during period of terminal traffic (outgoing and incoming) transit traffic (9)	99 858	35 228	10 221 039
ii) during period of terminal traffic (outgoing and incoming) light traffic (9)		10 181	—
Total	99 858	45 409	10 221 039
b) Number of chargeable calls (regardless of duration) not including transit traffic:			
ordinary private (7)	33 286	—	1 634 996
urgent	—	—	180 354
urgent aircraft	—	—	—
lightning	—	—	2 696
reversed charge	—	—	—
subscription	—	—	—
fixed-time	—	—	—
broadcast transmissions (10)	—	141	1 159
collective	—	—	—
picture transmissions between private stations	—	—	131
Total	33 286	141	1 819 336
c) number of préavis and avis d'appel, not including transit traffic:			
number of préavis (including those not followed by calls)	—	—	228 330
number of avis d'appel (including those not followed by calls)	—	—	702
Total	—	—	229 032
VIII. Total gross expenditure in gold francs of the internal and international telephone services, including payment of interest on capital invested and depreciation of equipment (optional)	—	—	— ^{2) 3)}
IX. Total gross income in gold francs of the internal and international telephone services	369 791	—	— ^{2) 4)}

Telephone Statistics 1948

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Newfoundland ¹⁾ E	New Zealand ¹⁾ E	Pakistan ¹⁾ E	Portugal		Portuguese Guinea	
			E	P	1947 E	1948 E
45 000 000	— ²⁾	— ²⁾	22 234 000	106 570 000	196 856	218 483
45 000 000	—	—	—	7 387 000	—	251
1 400 000	— ²⁾	— ²⁾	36 938 000	—	196 856	218 734
1 400 000	—	—	11 851 000	—	—	—
23 867 974	—	420 317	48 789 000	—	—	—
23 867 974	—	168 000	—	—	—	307
23 867 974	—	29 930	—	—	—	—
23 867 974	—	7 665	—	—	—	—
23 867 974	—	23 867 974	27 272	—	—	—
23 867 974	—	625 912	10 843 400	12 832 892	—	307
23 867 974	—	— ²⁾	87 903	—	—	6
23 867 974	—	— ²⁾	724 568	—	—	—
23 867 974	—	—	812 471	—	—	6
47 409	— ²⁾	769 576	—	—	—	174
47 409	— ²⁾	325 834	—	—	—	—
47 409	—	1 095 410	—	—	—	174
9 673	— ²⁾	156 721	—	—	—	49
9 673	— ²⁾	12 008	—	—	—	2
9 673	— ²⁾	5	—	—	—	—
9 673	— ²⁾	260	—	—	—	—
9 673	— ²⁾	341	—	—	—	—
9 673	— ²⁾	4 692	—	—	—	—
9 673	—	174 027	—	—	—	51
— ²⁾	— ²⁾	10 576	—	—	—	53
— ²⁾	— ²⁾	2 484	—	—	—	—
— ²⁾	— ²⁾	13 060	—	—	—	53
— ²⁾	— ²⁾	8 571 008	—	—	—	—
— ²⁾	— ²⁾	10 538 493	—	—	—	—
— ²⁾	— ²⁾	3 551	—	—	—	4 427

Telephone Statistics 1948

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Statistical item	Portuguese Indies		Portuguese
	1947 E	1948 E	1947 E
I. Population of country according to last census	601 000	601 000	438 338
II. Area of country in square kilometres	3 983	3 983	18 990
III. Number of exchanges in operation: (1)			
1) Automatic exchanges	—	—	—
2) Semi-automatic exchanges	—	—	—
3) Manual exchanges	—	1	17
Total number of exchanges	—	1	17
IV. Number of subscriber lines in operation: (2)			
1) Subscriber lines directly connected to automatic exchanges	—	—	—
2) Subscriber lines directly connected to semi-automatic exchanges	—	—	—
3) Subscriber lines directly connected to manual exchanges	125	134	39
Total number of subscriber lines	125	134	39
V. Number of stations in operation:			
1) Private stations (including supplementary and service stations) (3)	138	149	45
2) Public stations (4)	4	4	42
Total number of stations	142	153	87
VI. Number of trunk and international circuits in operation:			
1) Total number of internal circuits (total of physical, phantom and carrier circuits added together)	—	—	11
2) Total number of international circuits (total of physical, phantom and carrier circuits added together)	—	—	2
3) Total length in kilometres of open wire circuits (internal and international): (5):			
a) physical circuits	—	—	745
b) phantom circuits	—	—	—
c) carrier circuits	—	—	—
4) Total length in kilometres of overhead or underground cable circuits (internal and international)	—	—	—
a) two-wire physical circuits	—	—	—
b) four-wire physical circuits	—	—	—
c) phantom circuits (two or four-wire)	—	—	—
d) carrier circuits	—	—	—
5) Total length in kilometres of submarine cable circuits (internal and international) (6):			
a) two-wire physical circuits	—	—	—
b) four-wire physical circuits	—	—	—
c) phantom circuits (two or four-wire)	—	—	—
d) carrier circuits	—	—	—

Telephone Statistics 1948

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Timor	Reunion 1947 E	Somaliland		Southern Rhodesia E	Spain 1947 E	Surinam	
		1947 E	1948 E			1947 E	1948 E
438 338	242 067	1 300 000	1 300 000	1 984 160	27 502 661 ¹⁾	203 580	211 804
18 990	2 511	320 000	320 000	388 500	505 207	142 820	142 820
—	—	—	—	4	55	—	—
—	—	—	—	—	—	—	—
20	49	10	14	115	3 411	4	4
20	49	10	14	119	3 466	4	4
—	—	—	—	—	—	—	—
—	—	—	—	7 098	230 849	—	—
—	—	—	—	—	—	—	—
101	1 643	426	450	3 534	117 544	770	887
101	1 643	426	450	10 632	348 393	770	887
—	—	—	—	—	—	—	—
119	1 907	493	540	17 665	503 922	1 382	1 505
47	65	5	7	300	8 225	9	8
166	1 972	498	547	17 965	512 147	1 391	1 513
—	—	—	—	—	—	—	—
15	—	10	14	101	4 971	—	8
2	107	—	—	4	34	—	—
712	1 496 438	489 30	480 30	29 641 233 8 491	145 186 42 307 99 411	718	718
—	—	—	—	—	—	—	—
—	17 178	3 350	—	—	91 191 ²⁾	2 119	1 708
—	6 674	12	—	—	357 42 591	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	74	—	30

Telephone Statistics 1948
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Object of statistic	Portuguese Indies		Portuguese
	1947 E	1948 E	1947 E
VII. Traffic:			
1) Local traffic:			
a) number of calls (regardless of duration) from subscriber stations	133 703 53	155 399 4 191	16 793 5 954
b) number of calls (regardless of duration) from public stations			
Total number of local calls	133 756	159 590	22 747
2) Trunk traffic:			
a) number of chargeable minutes of conversation			
i) during periods of heavy traffic	—	—	
ii) during periods of light traffic	—	—	
Total	—	—	9 899
b) number of chargeable calls (regardless of duration):			
ordinary private (7)	—	—	3 263
urgent	—	—	—
urgent aircraft	—	—	—
lightning	—	—	—
reversed charge	—	—	—
subscription	—	—	—
fixed-time	—	—	—
broadcast transmissions (8)	—	—	—
collective	—	—	—
picture transmissions between private stations	—	—	—
Total	—	—	3 263
c) Number of préavis (including those not followed by calls)			
Number of avis d'appel (including those not followed by calls)	—	—	—
Total	—	—	—
3) International Traffic (outgoing, incoming and transit) (9):			
a) total number of chargeable minutes of conversation:			
i) during period of terminal traffic (outgoing and incoming) transit traffic (9)	—	—	—
ii) during period of terminal traffic (outgoing and incoming) transit traffic (9)	—	—	—
Total	—	—	—
b) Number of chargeable calls (regardless of duration) not including transit traffic:			
ordinary private (7)	—	—	—
urgent	—	—	—
urgent aircraft	—	—	—
lightning	—	—	—
reversed charge	—	—	—
subscription	—	—	—
fixed-time	—	—	—
broadcast transmissions (10)	—	—	—
collective	—	—	—
picture transmissions between private stations	—	—	—
Total	—	—	—
c) number of préavis and avis d'appel, not including transit traffic:			
number of préavis (including those not followed by calls)	—	—	—
number of avis d'appel (including those not followed by calls)	—	—	—
Total	—	—	—
VIII. Total gross expenditure in gold francs of the internal and international telephone services, including payment of interest on capital invested and depreciation of equipment (optional)	7 291 ¹⁾	4 351 ¹⁾	—
IX. Total gross income in gold francs of the internal and international telephone services	2 621	7 332	11 240 ¹⁾

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Timor	Reunion 1947 E	Somaliland		Southern Rhodesia E	Spain 1947 E	Surinam	
		1947 E	1948 E				
		1948 E				1947 E	1948 E
40 155	1 791 707 22 276	2 246 ²⁾	787 000 6 200	19 758 452 582 688	1 053 013 236	1 216 764	1 524 231
40 155	1 813 983	2 246 ²⁾	793 200	20 341 140	1 053 013 236	1 216 764	1 524 231
15 058	1 554 847	14 3	496 400	4 396 756 589 940	223 445 286	13 046	63 822
15 058	1 554 847	17 ²⁾	496 400	4 986 696	223 445 286	13 046	63 822
6 789	568 079	46 ²⁾	132 133	1 580 176 2 860	48 462 711	—	—
6 789	38 773	—	—	—	—	—	—
6 789	38 773	—	—	2 912	—	—	—
6 789	568 079	2 246 ²⁾	132 133	1 625 676	48 462 711	3 181	4 731
6 789	38 773	—	—	75 556	2 458 886	—	—
6 789	38 773	—	—	624	2 458 886	—	—
6 789	38 773	—	—	76 180	2 458 886	—	—
—	—	—	—	208 000	1 993 334	—	—
—	—	—	—	7 716	22 138	9 495	—
—	—	—	—	101 376	367 833	—	—
—	—	—	—	7 308	8 594	—	—
—	—	—	—	324 400	2 391 899	9 495	—
—	—	—	—	36 088	357 471	1 723	943
—	—	—	—	19 500	18 222	—	—
—	—	—	—	26 376	14 149	—	—
—	—	—	—	45 876	32 371	—	—
182 458 ²⁾ ³⁾	—	119 370	141 224	—	—	—	—
93 558 ²⁾ ³⁾	111 494	20 736 ¹⁾	39 684 ¹⁾	—	115 625 692 ³⁾	254 000	260 000

Telephone Statistics 1948

(Chapters I—VI)

Statistical item	Sweden ¹⁾ E	Switzerland E	San Tomé	
			1947 E	
I. Population of country according to last census	6 924 888 ²⁾	4 588 000	60 490	
II. Area of country in square kilometres	449 165	41 295	964	
III. Number of exchanges in operation: (1)				
1) Automatic exchanges	1 389	843	—	
2) Semi-automatic exchanges	396	—	—	
3) Manual exchanges	5 370	99	11	
Total number of exchanges	7 155	942	11	
IV. Number of subscriber lines in operation: (2)				
1) Subscriber lines directly connected to automatic exchanges .	689 069	478 129	—	
2) Subscriber lines directly connected to semi-automatic exchanges	4 350	—	—	
3) Subscriber lines directly connected to manual exchanges . .	485 700	25 280	155	
Total number of subscriber lines	1 179 119	503 409	155	
V. Number of stations in operation:				
1) Private stations (including supplementary and service stations) (3)	1 413 726	788 014	170	
2) Public stations (4)	11 818	6 818	13	
Total number of stations	1 425 544 ³⁾	794 832	183	
VI. Number of trunk and international circuits in operation:				
1) Total number of internal circuits (total of physical, phantom and carrier circuits added together)	52 740 ⁴⁾	16 551	10	
2) Total number of international circuits (total of physical, phantom and carrier circuits added together)	149	322 ³⁾	—	
3) Total length in kilometres of open wire circuits (internal and international): (5)				
a) physical circuits	311 570 ⁵⁾	528 517 ¹⁾	408	
b) phantom circuits	101 277	134 261 ¹⁾	—	
c) carrier circuits	22 180	—	—	
4) Total length in kilometres of overhead or underground cable circuits (internal and international)	637 744	— ²⁾	—	
a) two-wire physical circuits	112 259	—	—	
b) four-wire physical circuits	287 244	—	—	
c) phantom circuits (two or four-wire)	195 145	32 970	—	
5) Total length in kilometres of submarine cable circuits (internal and international) (6):				
a) two-wire physical circuits	10 546	146	—	
b) four-wire physical circuits	1 974	—	—	
c) phantom circuits (two or four wire)	2 916	—	—	
d) carrier circuits	3 241	—	—	

Telephone Statistics 1948

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and Principe	Turkey E	Union of South Africa ¹⁾ E	United States of America ¹⁾ P	Uruguay E				
					1948 E			
60 490	18 859 722	11 780 000	146 300 000 ²⁾	2 343 968				
964	772 340	1 222 265	7 834 000 ³⁾	187 000				
—	14	67	1 717	5 800	10			
—	15	—		—	—			
11	129	1 717		13 800	282			
11	158	1 784	19 600 ⁴⁾	292				
—	31 437	161 169	— ⁵⁾	40 237				
—	1 290	—		— ⁵⁾	—			
163	4 242	57 784		20 161				
163	36 969	218 953	—	60 398				
178	47 869	309 885	38 205 000 ⁶⁾	77 686				
14	367	8 696		77 686				
192	48 236	318 581	38 205 000	77 686				
11	293	2 806	— ⁵⁾	399				
—	8	9		20				
418	14 305	124 469		16 846				
—	21 552	16 106	— ⁵⁾	4 044				
—	—	144 900		5 127				
—	34.3	9 657	— ⁵⁾	90				
—	—	2 415		—				
—	—	988		—				
—	21.7	—	— ⁵⁾	1				
—	—	—		—				
—	80.7	—		—				

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Statistical item	Sweden ¹⁾ E	Switzerland E	San Tomé 1947 E						
VII. Traffic:									
1) Local traffic:									
a) number of calls (regardless of duration) from subscriber stations	1 839 137 400 ⁶⁾	351 086 609 ⁴⁾	89 451						
b) number of calls (regardless of duration) from public stations	1 839 137 400	351 086 609	89 451						
Total number of local calls	1 839 137 400	351 086 609	89 451						
2) Trunk traffic:									
a) number of chargeable minutes of conversation									
i) during periods of heavy traffic	530 795 600 ⁷⁾	610 366 098	—						
ii) during periods of light traffic		137 465 745	—						
Total	530 795 600	747 831 843	—						
b) number of chargeable calls (regardless of duration):									
ordinary private (7)	95 785 275	249 223 102 ⁵⁾	1 583						
urgent	3 675 368	49 687 ⁵⁾	—						
urgent aircraft	—	— ⁴⁾	—						
lightning	3 203	— ⁶⁾	—						
reversed charge	389 242	3 628 ⁵⁾	122 381						
subscription	— ⁸⁾	— ⁴⁾	—						
fixed-time	— ⁹⁾	550 ⁷⁾	—						
broadcast transmissions (8)	—	864	—						
collective	—	—	—						
picture transmissions between private stations	99 853 088	249 277 831	123 964						
Total	99 853 088	249 277 831	123 964						
c) Number of préavis (including those not followed by calls)	23 494 000	— ⁶⁾	—						
Number of avis d'appel (including those not followed by calls)		256	—						
Total	23 494 000	—	256						
3) International Traffic (outgoing, incoming and transit) (9):									
a) total number of chargeable minutes of conversation:									
i) during period of terminal traffic (outgoing and incoming) transit traffic (9)	7 082 513	20 389 173	—						
ii) during period of terminal traffic (outgoing and incoming) transit traffic (9)	— ¹⁰⁾	1 359 180 ⁸⁾	—						
Total	3 138 031	4 278	—						
b) Number of chargeable calls (regardless of duration) not including transit traffic:									
ordinary private (7)	1 400 088	6 424 846 ⁵⁾	—						
urgent	179 738	349 846 ⁵⁾	—						
urgent aircraft	—	— ⁴⁾	—						
lightning	2 645	11 644 ⁵⁾	—						
reversed charge	13 186	1 846	—						
subscription	13 678	5 416 ⁵⁾	—						
fixed-time	2 361	758	—						
broadcast transmissions (10)	871	940 ⁹⁾	—						
collective	—	22	—						
picture transmissions between private stations	—	2 499 ⁵⁾	—						
Total	1 612 567	6 797 817	—						
c) number of préavis and avis d'appel, not including transit traffic:									
number of préavis (including those not followed by calls)	815 545	445 722	—						
number of avis d'appel (including those not followed by calls)		20 012 ¹⁰⁾	—						
Total	815 545	465 734	—						
VIII. Total gross expenditure in gold francs of the internal and international telephone services, including payment of interest on capital invested and depreciation of equipment (optional)	227 170 000 ¹¹⁾¹²⁾	118 498 160	—						
IX. Total gross income in gold francs of the internal and international telephone services	234 256 000 ¹²⁾	162 163 870	9 789						

Telephone Statistics 1948
(Chapters VII—IX)

and Principe 1948 E	Turkey E	Union of South Africa ¹⁾ E	United States of America ¹⁾ P	Uruguay E					
99 913	63 018 649	405 565 265	48 225 000 000 ⁷⁾	238 187 550					
—	1 591 359	22 477 325	—	—					
99 913	64 610 008	428 042 590	48 225 000 000	238 187 550					
—	4 368 060	86 933 234	— ⁸⁾	—					
—	1 842 603	15 477 323	— ⁸⁾	—					
—	6 210 663	102 410 557	—	—					
1 680	1 783 306	204 000 000 ⁹⁾¹⁰⁾	—	—					
—	286 915	31 251 707 ²⁾	— ¹¹⁾	2 983 714					
70 196	—	—	— ¹¹⁾	—					
71 876	2 070 221	31 251 707	2 040 000 000 ⁹⁾	2 983 714					
—	169 846	—	— ¹¹⁾	—					
129	309 190	—	—	—					
129	479 036	—	—	—					
—	183 344	—	—	—					
—	82 553	—	— ⁸⁾	—					
—	—	—	—	—					
—	265 897	—	—	—					
—	240 365	—	—	—					
—	21 729	—	—	—					
—	15 097	—	— ¹²⁾	729 924					
70	—	—	—	—					
—	262 164	15 097	—	729 924					
—	3 668	—	— ¹²⁾	—					
—	65	—	—	—					
—	3 733	—	—	—					
—	57 629 389	—	— ¹³⁾	—					
7 982	—	67 603 968	— ¹³⁾	—					

Telephone Statistics 1948

Remarks

Angola — ¹⁾ 8958 km used for both the telegraph and telephone services. — ²⁾ Conversion on the basis of 1 gold franc equivalent to 10 angolares.

Australia (Commonwealth of) — ¹⁾ This information is not available in this detailed form. The figures under VI.3) indicate the total length of overhead, underground and submarine circuits. — ²⁾ All telephone calls exchanged between two points within a city or large town are classed as local calls. In rural districts, telephone calls exchanged within a radius of 5 miles are likewise classed as local calls. Consequently, these two categories of calls have been included under the heading of local traffic. — ³⁾ No information can be furnished. — ⁴⁾ This information applies to trunk or long-distance calls. — ⁵⁾ The information cannot be given in this detailed form, as the Administration concerned does not distinguish the categories urgent, lightning and subscription calls. Nor have separate statistics been kept in the case of préavis, avis d'appel and fixed-time calls, although such calls are accepted. These calls are included in the category of ordinary calls. — ⁶⁾ Same remark as under ⁵⁾, except that all calls are actually "préavis" calls, although there is no charge for this service.

Austria — ¹⁾ A flat rate is applied in most of the central telephone exchanges. The number of local calls is not registered either in these exchanges or in the exchanges which apply time metering.

Belgium — ¹⁾ Autonomous control. — ²⁾ This information cannot be supplied. — ³⁾ Enumeration of the various categories of calls cannot be effected. — ⁴⁾ This figure is lower than the real number, as the figures showing the extent of the lines out of use had not yet been revised at the end of 1948.

Cape Verde Islands — ¹⁾ Local calls are charged at a flat rate. — ²⁾ Joint P.T.T. service. — ³⁾ Conversion on the basis of 1 gold franc equivalent to 11 Portuguese escudos.

Ceylon — ¹⁾ Expenditure: 5 252 459 rupees. — ²⁾ Income: 3 256 350 rupees.

Denmark — ¹⁾ Year from 1 April 1948 to 31 March 1949. — ²⁾ Excluding Greenland and the Faroe Islands. — ³⁾ Inclusive of 74 manual exchanges and 30 automatic exchanges of the Government local telephone systems. — ⁴⁾ To this figure must be added 8 695 000 chargeable minutes of calls, without distinction as to light or heavy traffic periods, in the Government local telephone system in Sönderjylland. — ⁵⁾ During the year the mean rate of exchange for the Danish crown was 0.64 gold franc. — ⁶⁾ Income: 31 056 000 Danish crowns. — ⁷⁾ Expenditure: 105 219 452 Danish crowns. — ⁸⁾ Income: 110 243 921. Danish crowns.

Egypt — ¹⁾ Year from 1 May 1947 to 30 April 1948 for the Egyptian Administration and from 1 January 1947 to 31 December 1947 for the Anglo-Egyptian Sudan. — ²⁾ The Anglo-Egyptian Sudan has a population of 7 547 500. — ³⁾ The area of the Anglo-Egyptian Sudan is 2 506 474 km². — ⁴⁾ Exclusive of 2 automatic exchanges of the Anglo-Egyptian Sudan. — ⁵⁾ Exclusive of 44 manual exchanges of the Anglo-Egyptian Sudan. — ⁶⁾ Exclusive of 2 850 subscribers' lines of the Anglo-Egyptian Sudan. — ⁷⁾ There are 4 065 subscribers' stations in the Anglo-Egyptian Sudan. — ⁸⁾ Exclusive of 18 public stations of the Anglo-Egyptian Sudan. — ⁹⁾ Exclusive of 84 internal circuits of the Anglo-Egyptian Sudan. — ¹⁰⁾ Exclusive of 3 international circuits of the Anglo-Egyptian Sudan. — ¹¹⁾ Exclusive of 12 000 km of physical circuits of the Anglo-Egyptian Sudan. — ¹²⁾ Exclusive of 1 000 km of phantom circuits of the Anglo-Egyptian Sudan. — ¹³⁾ There are 5 175 km of carrier circuits in the Anglo-Egyptian Sudan. — ¹⁴⁾ Exclusive of 8 263 km of two-wire physical circuits of the Anglo-Egyptian Sudan. — ¹⁵⁾ There are 86 km of two-wire physical circuits in the Anglo-Egyptian Sudan. — ¹⁶⁾ There are 2 km of phantom circuits in the Anglo-Egyptian Sudan. — ¹⁷⁾ There are 2 km of carrier circuits in the Anglo-Egyptian Sudan. — ¹⁸⁾ 120 243 600 calls established by the manual system and 336 729 600 calls established by the automatic system. — ¹⁹⁾ The total number of chargeable minutes of calls is 719 605 in the Anglo-Egyptian Sudan. — ²⁰⁾ 23 822 ordinary international calls were established in the Anglo-Egyptian Sudan.

Finland — ¹⁾ The telephone systems in Finland are operated by the Government and 681 private operating agencies. The income from the Government telephone service in 1948 was 1 411 486 660 Fmk. and the expenditure 1 136 586 902 Fmk. Since the private operating agencies are not able to give the amount of their income and expenditure, it is impossible to indicate the income and expenditure for the entire telephone service.

Telephone Statistics 1948

France — ¹⁾ The automatic exchanges which were destroyed and temporarily replaced by manual exchanges are counted among the manual exchanges. — ²⁾ Rural automatic exchanges. — ³⁾ Local calls and metered calls (in basic rates). — ⁴⁾ Calls registered on tickets. — ⁵⁾ Conversion coefficient: 87.

French Settlements in Oceania — ¹⁾ Tahiti only. — ²⁾ See note ¹⁾.

Germany (American Zone of Occupation) — ¹⁾ Year from 1 April 1947 to 31 March 1948. — ²⁾ Information not yet available for the year 1947.

Germany (British Zone of Occupation) — ¹⁾ Year from 1 April 1947 to 31 March 1948. — ²⁾ Information not yet available for the year 1947. — ³⁾ Not yet admitted.

Germany (American and British Zones of Occupation) — ¹⁾ Year from 1 April 1948 to 31 March 1949. — ²⁾ Information not yet available for the year 1948.

Great Britain and Northern Ireland — ¹⁾ Year from 1 April 1948 to 31 March 1949. — ²⁾ Includes are fixed-time and picture (facsimile) calls.

Greece — ¹⁾ Year from 1 April 1948 to 31 March 1949. — ²⁾ 1940 census. — ³⁾ Metered calls.

Hungarian People's Republic — ¹⁾ There is no difference in rates between the periods of light and heavy traffic. — ²⁾ The préavis calls are included in the total number of avis d'appel calls.

India — ¹⁾ Year from 15 August 1947 to 31 March 1948. — ²⁾ Information not yet available. — ³⁾ The expenditure and income of a small telephone system still in operation are not included in these figures.

Indonesia — ¹⁾ Owing to the political situation in Indonesia, the exact data are not yet available. — ²⁾ 1939 census. — ³⁾ In 1939. — ⁴⁾ This information applies to the last 9 months of 1947; the information for the first 3 months is not yet available. — ⁵⁾ The total number refers to calls established within the Indonesian islands. — ⁶⁾ These figures refer only to calls established by radio. No transit calls are established by Indonesia.

Ireland — ¹⁾ Year from 1 April 1948 to 31 March 1949. — ²⁾ Inclusive of 39 circuits connecting Ireland with Northern Ireland. — ³⁾ Separate indications cannot be supplied. — ⁴⁾ This figure represents the total number of ordinary calls, fixed-time calls and bookings for person-to-person calls, the only categories admitted; separate indications cannot be supplied. — ⁵⁾ Estimated figures; conversion at the rate of £1 equivalent to 25.20 gold francs. — ⁶⁾ This figure represents only the number of outgoing calls; recording of incoming calls ceased in April 1941.

Kenya, Tanganyika and Uganda — ¹⁾ Joint expenditure for the P. T. T. services.

Luxemburg — ¹⁾ A sharp distinction between local and trunk calls cannot be made. The total number of charged units of conversation (3 minutes) for internal traffic is 14 041 903.

Netherlands — ¹⁾ Of which 9 581 are automatic circuits. — ²⁾ This information cannot yet be supplied. — ³⁾ The expenditure for 1946 is not known; the expenditure for 1947 was 77 714 637. — ⁴⁾ The income for 1946 was 106 784 146; the income for 1947 was 121 678 950.

Newfoundland — ¹⁾ Year from 1 July 1946 to 30 June 1947.

New Zealand — ¹⁾ Year from 1 April 1947 to 31 March 1948. — ²⁾ This information is not yet available. — ³⁾ Estimated figures. — ⁴⁾ The expenditure was 3 409 621 New Zealand pounds. — ⁵⁾ The income was 4 004 025 New Zealand pounds.

Pakistan — ¹⁾ Year from April 1948 to March 1949. — ²⁾ This information is not yet available. — ³⁾ This information cannot yet be supplied.

Portuguese Indies — ¹⁾ Expenditure relating to P. T. T. personnel is common to the P. T. T. services.

Portuguese Timor — ¹⁾ Including 9 930 gold francs for charges for telephoned telegrams. — ²⁾ Joint income and expenditure for the P. T. T. — ³⁾ Rate of conversion: 1 pataca = 1.28 gold francs.

Telephone Statistics 1948

Somaliland — ¹⁾ This amount is not inclusive of the telephone service for official circuits of the British Administration and the military units in Somaliland. — ²⁾ Per day.

Spain — ¹⁾ Census of June 1947. — ²⁾ In addition there are 37 393 km of radiotelephone circuits (including transatlantic circuits). — ³⁾ Calculated at the official exchange of 3.70 pesetas for 1 gold franc.

Sweden — ¹⁾ Year from 1 July 1947 to 30 June 1948. — ²⁾ Census of 31 December 1948. — ³⁾ In addition there are a small number of private telephone systems comprising a total of 2 008 telephone stations. On 31 December 1948, the telephone system of the Swedish Administration comprised 1 505 832 telephone stations; the private telephone systems comprised 2 077 stations. — ⁴⁾ Inclusive of circuits used for toll and trunk calls not subject to special charge, but exclusive of reserve circuits. — ⁵⁾ Inclusive of the length of short-length phantom circuits enclosed in cables. — ⁶⁾ There is a flat rate for local calls. Therefore, no call charges are collected. This figure also includes toll and short distance trunk calls subject to the same system of charging. — ⁷⁾ Figure obtained by multiplying the number of charge units by three. The préavis charges could not be converted into minutes, as these charges do not constitute a fixed fraction of the charge unit, in the Swedish internal service. Counting urgent, lightning, etc., calls as ordinary calls, the number of chargeable minutes amounts to 509 888 181. About 29.4% of the calls took place during periods of light traffic (7-9 a.m. and 6-11 p.m. on working days; 7-9 a.m. and 3-11 p.m. on Sundays and holidays). — ⁸⁾ These calls are treated as urgent calls and are not counted separately. They are therefore comprised in the figure for urgent calls. — ⁹⁾ Information not available. — ¹⁰⁾ There are no data sufficiently detailed on transit telephone traffic. The total number of transit calls is 55 118, of which about 19 300 were established with the help of Swedish exchanges. — ¹¹⁾ Of which about 40 606 000 gold francs were paid into the equipment depreciation account. The expenditure includes no interest on the capital made available by the Government. — ¹²⁾ Conversion at the rate of 1 gold franc equivalent to 1.176 Swedish crowns.

Switzerland — ¹⁾ Overhead and underground circuits. — ²⁾ See note ¹⁾. — ³⁾ This figure includes 10 radiotelephone circuits. — ⁴⁾ These calls are not counted separately. — ⁵⁾ 3-minute units of conversation. — ⁶⁾ Calls not admitted. — ⁷⁾ This traffic is not included in the total number of chargeable minutes of calls. — ⁸⁾ Direct and indirect transit traffic; transit traffic exchanged with effective intervention of Swiss terminal exchanges is not indicated separately; such traffic comprises about 22.1% of the total transit traffic. — ⁹⁾ Not including the daily transmissions from Italy for wired radio. — ¹⁰⁾ Service admitted only in the Swiss outgoing traffic.

Union of South Africa — ¹⁾ Year from 1 April 1947 to 31 March 1948. — ²⁾ This figure includes 766 radio transmissions broadcast.

United States of America — ¹⁾ The statistical data cover all the telephone operating agencies of the United States of America; consequently, the figures are only approximate. — ²⁾ Estimate as at 31 December 1948. — ³⁾ Comprehensive continental area (land and water) of the United States of America. The conversion of square miles into square kilometers on the basis of 1 mile equivalent to 1.61 km. — ⁴⁾ Not including annexed private exchanges; moreover, this figure does not represent the number of cities, towns and villages connected by the telephone system. The Bell Telephone System lines and the adjoined lines and systems reached more than 75 000 communities in the United States. — ⁵⁾ It is not possible to supply information concerning the number of subscribers' lines or the number and length of international and trunk circuits in service. On 31 December 1948 there were in service in the United States an approximate total of 221 536 000 km of physical wires (conductors, not circuits) of all types (local, trunk and international), of which about 203 800 000 km were in cables. These figures were converted on the basis of 1 mile equivalent to 1.61 km. — ⁶⁾ Information is not available on the total number of public telephone stations; it is known, however, that the Bell Telephone System alone claims to own about 320 000 public stations in the United States. — ⁷⁾ This information includes only the number of actual calls. Owing to the differences of extent of the local telephone systems, this figure cannot be compared with the statistics of other countries for "local" and "trunk" calls. — ⁸⁾ No information can be supplied. — ⁹⁾ This figure includes only the number of actual calls. Owing to the differences of extent of the local telephone systems, this figure cannot be compared with the statistics of other countries for "local" and "trunk" calls. Each call was counted as one unit, without respect to its time duration. Calls exchanged on trunk lines leased to private parties are not included. — ¹⁰⁾ In the United States no distinction is made between "ordinary", "urgent" and "lightning" trunk calls. During the year 1948, 92% of all long distance calls on the Bell Telephone System were exchange without the caller having to hang up his telephone receiver. — ¹¹⁾ No separate information can be supplied. These types of calls are included in the figure above for the total number of trunk calls. — ¹²⁾ No separate information can be supplied for telephone traffic between the United States and other countries. The figure above for the total number of trunk calls includes all the international calls originating in the United States. — ¹³⁾ No financial statistics are available for the telephone industry in the United States as a whole.