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(ITU) نتاج تصوير بالمسح الضوئي أجراه قسم المكتبة والمحفوظات في الاتحاد الدولي للاتصالات (PDF) هذه النسخة الإلكترونية
نقالاً من وثيقة ورقية أصلية ضمن الوثائق المتوفرة في قسم المكتبة والمحفوظات.

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GENERAL TELEGRAPH STATISTICS

COMPILED

FROM OFFICIAL DOCUMENTS

BY THE

**GENERAL SECRETARIAT
OF THE INTERNATIONAL TELECOMMUNICATION UNION**

Year 1949

**GENEVA
GENERAL SECRETARIAT OF THE INTERNATIONAL TELECOMMUNICATION UNION
1951**



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GENERAL OBSERVATIONS

A dash in one of the columns indicates either that the information is not available, or that the service to which the heading refers does not exist or has been suspended.

As regards Chapter V. Apparatus, the sign \times placed opposite the type of apparatus used indicates that this type is used by the office concerned; the sign O indicates that the type of apparatus is not used.

This booklet also contains statistics in respect of the Spanish Zone of the Protectorate of Morocco for the year 1948.

♦ = Information from sources outside the Union.

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) The length of a circuit refers to the route followed by the wires composing it, i.e. to the distance between a transmitter and a receiver, measured over the actual path of the circuit.
- (2) Where a submarine cable belongs to two administrations or private operating agencies, each administration or private operating agency is asked to indicate, in the statistics it supplies, only the length of the section belonging to it.
- (3) The "European system" includes all countries of Europe, with Algeria and those territories outside Europe which have been declared by their respective administrations to belong to the European system (number 160 of the International Telegraph Regulations, Paris Revision, 1949).
- (4) The "Extra-European system" includes all countries other than those referred to in Note (3) above.
- (5) For statistical purposes, the continents are defined as follows (this in conformity with the desire expressed by the Telegraph Regulations Committee at the Madrid Conference, 1932, which has not been modified by subsequent conferences):

Africa: North Africa (including the Azores, Madeira, the Canaries, Cape Verde Islands;
West Africa;
East Africa (including Seychelles, Madagascar, Reunion, Mauritius);
South Africa.

America: North America (including Greenland, Bermuda and the Bahamas);
Central America;
West Indies;
South America (including the Falkland Islands and South Georgia).

Asia: Near and Middle East: Turkey in Asia, Syria, Lebanon, Israel, Jordan,
Arabia, etc.;
Central and Eastern Asia: U. S. S. R. in Asia, Japan;
India, Indochina and Pakistan;
East Indies: Indonesia, Borneo, Philippines.

Europe: Northern Europe (including Faroes, Iceland);
Central Europe;
Western Europe;
Eastern Europe (including the U. S. S. R. in Europe and Turkey in Europe);
Southern Europe (including Malta).

Australasia and the South Seas: Australia;
New Guinea;
New Zealand;
Pacific Archipelagoes (Melanesia, Polynesia, Micronesia).

Telegraph Statistics 1949

(Chapters I-V)

Subject of the statistics	Argentine ¹⁾ Republic	Australia ¹⁾ (Common- wealth of)	Austria
I. Population of the country by the latest census	16 108 573	7 911 806 ²⁾	6 962 944
II. Area of the country (in square kilometres)	2 792 721	7 703 849	83 851
III. Telegraph Network:			
1. a) Number of telegraph circuits in service (except submarine circuits):			
1) voice-frequency telegraphy (each frequency for both directions is counted as one circuit)	18	687	132
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	181	34	—
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	1 649	1 095	108
b) Length (in kilometres) of submarine telegraph circuits ① ②	6 564	10 413	—
2. Number of radiotelegraph circuits between fixed points	104	301	12
3. Number of phototelegraphy circuits:			
a) by wire	7	3	—
b) by wireless	—	—	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	1 568	9 172	3 664
b) of railway companies	2 741	407	—
c) of public companies	15	12	1
d) semaphore with telegraph service	—	—	—
Total	4 324	9 591	3 665
2. Number of fixed radiotelegraph stations:			
a) transmitting	80	301	2
b) receiving	81	301	1
3. Number of offices handling phototelegraph transmissions	1	1	—
V. Apparatus:			
1. Types of apparatus used for telegraph transmission on main lines in the domestic service and the international service:			
a) Morse (sounder or buzzer)	X	X	0
b) Wheatstone, Creed	X	X	0
c) Hughes	0	0	0
d) Baudot	X	0	0
e) Siemens (rapid printers)	X	0	0
f) Murray	0	X	0
g) Start-Stop	X	X	X
2. Number of start-stop apparatus in service	56	1 065	358
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	70	112	2
b) infra-acoustic or pulse	8	— ³⁾	257
c) voice-frequency (channels)	7	—	—
d) super-acoustic	6	—	—
e) high frequency carrier (channels)	—	—	—

Telegraph Statistics 1949

(Chapters I-V)

Belgian Congo and Territories of Ruanda Urundi	Belgium	Burma	Canada	Ceylon ¹⁾	Colonies, Protec- torates, Oversea Territories and under mandate or trusteeship of the United Kingdom: Hongkong	Denmark ¹⁾ (including Faroe Is. and Greenland)	Finland
14 931 337 ¹⁾	8 512 195	17 000 000	—	7 423 000 ²⁾	2 317 000	4 270 168 ²⁾	3 988 700
2 355 800	30 506	678 286	—	65 608	1 012	44 331 ³⁾	337 009
—	—	—	—	—	—	—	—
—	86	—	—	9	—	146	63
—	—	—	—	—	—	—	—
29	581	12	—	363	—	421	184
—	— ¹⁾	—	—	29	6 281	—	66,3
103	16	27	—	1	12	10 ⁴⁾	7
—	6	—	—	—	—	— ⁵⁾	—
—	—	—	—	—	—	—	—
50	1 480	108	524	410	—	756 ⁶⁾	427
11	—	—	4 700	—	—	439	356
—	8	—	51	—	5	—	19
—	—	—	—	—	—	3	—
61	1 488	108	5 275	410	5	1 198	802
—	—	—	—	—	—	—	—
81	1	24	—	1	1	30	3
81	1	24	—	1	1	30	1
—	1	—	—	—	—	1	—
—	—	—	—	—	—	—	—
X	X	X	—	X	0	0	X
0	X	0	—	0	X	X	X
0	0	0	—	0	0	0	0
0	0	0	—	0	0	0	0
0	0	0	—	0	0	0	0
0	0	0	—	0	0	0	0
0	0	0	—	0	0	0	0
0	0	0	—	0	0	0	0
—	452	—	—	47	—	536	80
—	—	—	—	—	—	385	372
5	249	—	—	—	—	28	—
—	86	—	—	9	8	162	40
—	—	—	—	—	—	81	1
—	—	—	—	4	—	—	—

Telegraph Statistics 1949

(Chapter VI)

Subject of the statistics	Argentine ¹⁾ Republic	Australia ¹⁾ (Common- wealth of)	Austria
VI. Traffic:			
A. Traffic of countries of the European system ③:			
1. Internal traffic:			
a) total number of outward telegrams	—	—	2 959 898
b) number of outward phototelegrams	—	—	—
2. International European Traffic ③:			
a) number of outward telegrams	—	—	642 098
b) number of inward telegrams	—	—	623 085
c) number of transit telegrams (each telegram counted once only)	—	—	26 370
d) number of outward, inward, and transit phototelegrams	—	—	—
3. International Extra-European Traffic ④:			
a) number of outward telegrams	—	—	66 104
b) number of inward telegrams	—	—	63 995
c) number of transit telegrams (each telegram counted once only)	—	—	3 189
d) number of outward, inward, and transit phototelegrams	—	—	—
B. Traffic of countries of the Extra-European system ④:			
1. Internal traffic:			
a) total number of outward telegrams	22 603 506	35 647 111 ⁴⁾	—
b) number of outward phototelegrams	—	29	—
2. Traffic with countries of the same continent ⑤:			
a) number of outward telegrams	494 653	— ⁵⁾	—
b) number of inward telegrams	647 391	— ⁶⁾	—
c) number of transit telegrams (each telegram counted once only)	146 305	— ³⁾	—
d) number of outward, inward, and transit phototelegrams	48	67	—
3. Traffic with Europe ⑤:			
a) number of outward telegrams	477 795	— ⁷⁾	—
b) number of inward telegrams	422 022	— ⁷⁾	—
c) number of transit telegrams (each telegram counted once only)	169 633	— ⁷⁾	—
d) number of outward, inward, and transit phototelegrams	32	1 009	—
4. Traffic with other continents ⑤:			
a) number of outward telegrams	25 263	— ⁸⁾	—
b) number of inward telegrams	27 373	— ⁹⁾	—
c) number of transit telegrams (each telegram counted once only)	11 472	— ¹⁰⁾	—
d) number of outward, inward, and transit phototelegrams	—	179	—

Telegraph Statistics 1949

(Chapter VI)

Belgian Congo and Territories of Ruanda Urundi	Belgium	Burma	Canada	Ceylon ¹⁾	Colonies, Protec- torates, Oversea Territories and under mandate or trusteeship of the United Kingdom: Hongkong	Denmark ¹⁾ (including Faroe Is. and Greenland)	Finland
—	5 020 151	—	—	—	—	1 888 000	737 447
—	1 030 769	—	—	—	—	—	—
—	1 127 649	—	—	—	—	—	—
—	496 951	—	—	—	—	942 000	338 515
—	214	—	—	—	—	1 008 000	322 326
—	369 245	—	—	—	—	473 000	35 064
—	409 810	—	—	—	—	25	—
—	242 795	—	—	—	—	—	—
447 370 ²⁾	—	340 704	17 725 682	2 539 316	—	—	—
—	29 857 ²⁾	—	—	—	—	—	—
—	31 249	—	—	—	—	—	—
—	3 110	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	63 527 ²⁾	—	—	—	—	—	—
—	47 833	—	—	—	—	—	—
—	5 054	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	14 170 ²⁾	—	—	—	—	—	—
—	14 924	—	—	—	—	—	—
—	766	—	—	—	—	—	—

Telegraph Statistics 1949

(Chapter VI)

Subject of the statistics	France (including Algeria, Guadeloupe, Martinique, French Guiana and Réunion)	♦ Germany (American, British and French Zones of Occupation) ¹⁾	Greece
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. Internal traffic:			
a) total number of outward telegrams	17 781 724	22 637 000	4 142 930
b) number of outward phototelegrams	552	—	—
2. International European Traffic (3):			
a) number of outward telegrams	2 228 165	1 674 400	275 301
b) number of inward telegrams	2 464 489	1 519 730	357 597
c) number of transit telegrams (each telegram counted once only)	925 799	1 570 770	—
d) number of outward, inward, and transit phototelegrams . . .	187	—	13
3. International Extra-European Traffic (4):			
a) number of outward telegrams	982 264	418 600	160 300
b) number of inward telegrams	1 227 842	311 270	201 150
c) number of transit telegrams (each telegram counted once only)	790 583	118 230	—
d) number of outward, inward, and transit phototelegrams . . .	157	—	—
B. Traffic of countries of the Extra-European system (4):			
1. Internal traffic:			
a) total number of outward telegrams	273 135 ³⁾	—	—
b) number of outward phototelegrams	—	—	—
2. Traffic with countries of the same continent (5):			
a) number of outward telegrams	17 613 ³⁾	—	—
b) number of inward telegrams	18 030 ³⁾	—	—
c) number of transit telegrams (each telegram counted once only)	49 552 ³⁾	—	—
d) number of outward, inward, and transit phototelegrams . . .	—	—	—
3. Traffic with Europe (5):			
a) number of outward telegrams	66 915 ³⁾	—	—
b) number of inward telegrams	54 123 ³⁾	—	—
c) number of transit telegrams (each telegram counted once only)	2 222 ³⁾	—	—
d) number of outward, inward, and transit phototelegrams . . .	—	—	—
4. Traffic with other continents (5):			
a) number of outward telegrams	8 489 ³⁾	—	—
b) number of inward telegrams	10 226 ³⁾	—	—
c) number of transit telegrams (each telegram counted once only)	3 972 ³⁾	—	—
d) number of outward, inward, and transit phototelegrams . . .	—	—	—

Telegraph Statistics 1949

(Chapter VI)

Haiti (Republic of) ¹⁾	India ¹⁾	Indonesia (Republic of)	Israel (State of)	Italy ¹⁾	Japan	Jordania	Lebanon
—	—	—	—	25 979 377 416	—	—	—
—	—	—	—	1 491 528 1 356 032	—	—	—
—	—	—	—	71 773 73	—	—	—
—	—	—	—	673 666 772 889	—	—	—
—	—	—	—	107 197 145	—	—	—
118 116	21 084 654	1 728 114	366 963	—	80 001 241 49 275	26 302	46 411
31 267 ⁶⁾ 41 752 ⁷⁾	968 270 1 716 191	181 650 192 656	19 222 22 750	—	279 192	21 805 22 392	78 575 67 425
—	62 147	1 001	—	—	236 970	—	8 315
—	504 768 532 740	305 046 212 175	329 495 266 129	—	57 196 48 592	21 134 20 710	105 670 102 380
—	852 46	29 784	—	—	—	—	78 725
—	312 936 311 808	57 195 50 237	161 147 141 113	—	288 770 199 180	4 551 4 410	119 772 117 560
—	852	274	—	4	—	—	5 630

Telegraph Statistics 1949

(Chapters I—V)

Subject of the statistics	Luxem-	Morocco	Netherlands, Netherlands
	embourg	(French Pro- tectorate of)	Guinea, Netherlands
I. Population of the country by the latest census	290 992	6 298 000	9 884 415
II. Area of the country (in square kilometres)	2 586	567 200	33 328
III. Telegraph Network:			
1. a) Number of telegraph circuits in service (except submarine circuits):			
1) voice-frequency telegraphy (each frequency for both directions is counted as one circuit)	8	14	70
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	1	10	—
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	—	50	339
b) Length (in kilometres) of submarine telegraph circuits ① (②)	—	—	—
2. Number of radiotelegraph circuits between fixed points	—	6	.16
3. Number of phototelegraphy circuits:			
a) by wire	—	—	—
b) by wireless	—	—	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	406	279	2 240
b) of railway companies	58	—	52
c) of public companies	—	—	2
d) semaphore with telegraph service	—	—	9
Total	464	279	2 303
2. Number of fixed radiotelegraph stations:			
a) transmitting	—	5	1
b) receiving	—	5	1
3. Number of offices handling phototelegraph transmissions	—	—	—
V. Apparatus:			
1. Types of apparatus used for telegraph transmission on main lines in the domestic service and the international service:			
a) Morse (sounder or buzzer)	o	×	×
b) Wheatstone, Creed	o	×	o
c) Hughes	o	×	×
d) Baudot	o	o	o
e) Siemens (rapid printers)	o	o	o
f) Murray	o	o	o
g) Start-Stop	×	×	×
2. Number of start-stop apparatus in service	13	51	191
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	—	23	780
b) infra-acoustic or pulse	—	2	118
c) voice-frequency (channels)	2	14	—
d) super-acoustic	—	2	—
e) high frequency carrier (channels)	—	—	—

Telegraph Statistics 1949

(Chapters I—V)

Antilles, Netherlands New Surinam :	New Zealand ¹⁾	Norway ¹⁾	Overseas Territories of the French Republic and Territories administered as such:				
			Surinam	Cameroon (Territory under French Trusteeship)	French Equatorial Africa	French Settlements in Oceania	French Somaliland
216 124	1 914 120	3 156 950 ²⁾	—	2 997 164	4 186 000	55 734 ¹⁾	47 000
142 820	269 917	324 222 ³⁾	—	425 000	2 510 000	4 000	23 000
			160	63 ⁴⁾ ⁵⁾	—	—	—
			14	— ⁶⁾	—	—	—
			670	85	78	45	—
			815	633 ⁴⁾ ⁵⁾	—	—	248
			15	28	20	28	—
			—	—	65	18	6
			3	— ⁷⁾	—	—	87
			7	1 814	3 389	44	10
			—	—	465	58	1
			—	207	—	—	261
			7	1 814	4 061 ⁸⁾	102	12
			—	—	—	102	1
			7	25	28	25	1
			7	25	28	63	66
			—	—	25	63	67
			—	1	1	14	—
			—	—	—	14	—
			6	506	299 ⁹⁾	2	—
			—	—	—	—	9
			—	357	—	—	—
			—	320	560	—	—
			—	—	—	—	95
			8	43	—	—	—

Telegraph Statistics 1949

(Chapter VI)

Subject of the statistics	Luxem-	Morocco	Netherlands, Netherlands Guinea,
	bourg	(French Pro- tectorate of)	Netherlands
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. Internal traffic:			
a) total number of outward telegrams	118 290	—	3 839 314
b) number of outward phototelegrams	—	—	—
2. International European Traffic (3):			
a) number of outward telegrams	95 007	—	1 297 819
b) number of inward telegrams	79 614	—	1 254 571
c) number of transit telegrams (each telegram counted once only)	21	—	15 135
d) number of outward, inward, and transit phototelegrams . . .	—	—	—
3. International Extra-European Traffic (4):			
a) number of outward telegrams	6 046	—	645 071
b) number of inward telegrams	5 736	—	751 344
c) number of transit telegrams (each telegram counted once only)	—	—	32 840
d) number of outward, inward, and transit phototelegrams . . .	—	—	—
B. Traffic of countries of the Extra-European system (4):			
1. Internal traffic:			
a) total number of outward telegrams	—	387 205	—
b) number of outward phototelegrams	—	—	—
2. Traffic with countries of the same continent (5):			
a) number of outward telegrams	111 728	—	—
b) number of inward telegrams	134 054	—	—
c) number of transit telegrams (each telegram counted once only)	7 200	—	—
d) number of outward, inward, and transit phototelegrams . . .	—	—	—
3. Traffic with Europe (5):			
a) number of outward telegrams	555 546	—	—
b) number of inward telegrams	493 545	—	—
c) number of transit telegrams (each telegram counted once only)	7 080	—	—
d) number of outward, inward, and transit phototelegrams . . .	—	—	—
4. Traffic with other continents (5):			
a) number of outward telegrams	28 024	—	—
b) number of inward telegrams	54 188	—	—
c) number of transit telegrams (each telegram counted once only)	2 850	—	—
d) number of outward, inward, and transit phototelegrams . . .	—	—	—

Telegraph Statistics 1949

(Chapter VI)

Antilles, Netherlands New Surinam :	New Zealand ¹⁾	Norway ¹⁾	Oversea Territories of the French Republic and Territories administered as such:				
			Surinam	Cameroon (Territory under French Trusteeship)	French Equatorial Africa	French Settlements in Oceania	French Somaliland
—	—	6 580 155 ¹⁰⁾	—	—	—	—	—
—	—	607 954 ¹⁰⁾	629 244 ¹⁰⁾	—	—	—	—
—	—	174 ¹⁰⁾	11 ¹⁰⁾	—	—	—	—
—	—	131 489 ¹⁰⁾	164 790 ¹⁰⁾	—	—	—	—
—	—	73 ¹⁰⁾	—	—	—	—	—
21 901	7 409 445 ²⁾	366 410	445 739 ¹⁾	9 637	—	—	2 002 800
16 913	—	20 387	9 717	3 627	7 238	20 700	
16 554	—	24 996	8 648	3 430	7 053	18 800	
4 287	—	—	1 397	16	706	7 100	
—	—	—	—	—	—	—	—
7 321	—	24 268	42 600	8 350	10 645	145 900	
7 703	—	16 996	28 080	6 964	6 090	123 500	
2 819	—	—	1 417	—	181	25 400	
—	—	—	—	—	—	—	—
—	519 350 ⁴⁾	1 573	2 370	5 407	5 974	14 900	
—	524 902 ⁵⁾	1 841	1 990	5 621	5 709	12 600	
—	—	—	350	—	3 077	2 100	
—	—	—	—	—	—	—	—
—	254	—	—	—	—	—	—

Telegraph Statistics 1949

(Chapters I—V)

Subject of the statistics	Oversea Territories of the French Republic and Territories administered as such (ctd.):		
	Indochina	Madagascar and Dependencies	New Caledonia and Dependencies
I. Population of the country by the latest census	20 000 000	4 150 000	61 000 ¹⁾
II. Area of the country (in square kilometres)	730 000	591 550	19 000
III. Telegraph Network:			
1. a) Number of telegraph circuits in service (except submarine circuits):			
1) voice-frequency telegraphy (each frequency for both directions is counted as one circuit)	—	—	—
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	—	—	—
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	68	66	28
b) Length (in kilometres) of submarine telegraph circuits ① ②	—	—	—
2. Number of radiotelegraph circuits between fixed points	78	76	14
3. Number of phototelegraphy circuits:			
a) by wire	—	—	—
b) by wireless	—	—	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	113	162	83 ²⁾
b) of railway companies	—	81	—
c) of public companies	—	—	—
d) semaphore with telegraph service	—	—	—
Total	113	243	83
2. Number of fixed radiotelegraph stations:			
a) transmitting	39	41	5
b) receiving	39	41	5
3. Number of offices handling phototelegraph transmissions	—	—	—
V. Apparatus:			
1. Types of apparatus used for telegraph transmission on main lines in the domestic service and the international service:			
a) Morse (sounder or buzzer)	×	×	—
b) Wheatstone, Creed	×	×	—
c) Hughes	×	×	—
d) Baudot	o	o	—
e) Siemens (rapid printers)	o	o	—
f) Murray	o	o	—
g) Start-Stop	o	o	—
2. Number of start-stop apparatus in service	—	—	3 ³⁾
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	—	25	10
b) infra-acoustic or pulse	—	—	—
c) voice-frequency (channels)	—	—	—
d) super-acoustic	—	—	—
e) high frequency carrier (channels)	—	—	—

Telegraph Statistics 1949

(Chapters I—V)

Oversea Territories of the French Republic and Territories administered as such (ctd.):	St. Pierre and Miquelon	Togo (Territory under French Trusteeship)	Pakistan ¹⁾	Peru	Philippines (Republic of) ¹⁾	Portugal	Portuguese Colonies:	
							Angola	Cape Verde Islands
4 354	971 824	80 000 000	7 023 111	19 234 182 ²⁾	7 722 152 ¹⁾	3 738 010 ¹⁾	181 286	
242	53 000	580 000	1 249 049	299 400 ³⁾	91 721	1 246 700	4 033	
		73	—	25	60	—	—	—
		63	—	—	2	—	—	—
		432	51	97	427	22	—	—
		—	—	— ⁴⁾	8,2	1 265	—	—
	1	25	103	407	211	39	—	—
		—	—	—	—	—	—	—
		—	—	—	—	—	—	—
		836	590	441	932	139	24	
		883	90	26	—	107	—	
		966	—	20	9	4	—	
		—	—	—	—	—	—	
		2 685	680	487	941	250	24	
		—	—	—	—	—	—	
	2	9	48	168	137	26	9	
	2	9	48	168	138	26	9	
		—	—	—	—	—	—	
		33	—	232	109	—	—	
		416	—	73	244	—	—	
		46	—	149	60	—	—	
		1	—	26	—	—	—	
		23	—	12	—	—	—	

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(Chapter VI)

Subject of the statistics	Oversea Territories of the French Republic and Territories administered as such (<i>ctd.</i>):		
	Indochina	Madagascar and Dependencies	New Caledonia and Dependencies
VI. Traffic:			
A. Traffic of countries of the European system ③:			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	—	—	—
b) number of outward phototelegrams	—	—	—
2. <i>International European Traffic ③:</i>			
a) number of outward telegrams	—	—	—
b) number of inward telegrams	—	—	—
c) number of transit telegrams (each telegram counted once only)	—	—	—
d) number of outward, inward, and transit phototelegrams	—	—	—
3. <i>International Extra-European Traffic ④:</i>			
a) number of outward telegrams	—	—	—
b) number of inward telegrams	—	—	—
c) number of transit telegrams (each telegram counted once only)	—	—	—
d) number of outward, inward, and transit phototelegrams	—	—	—
B. Traffic of countries of the Extra-European system ④:			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	601 083	1 239 905 ¹⁾	40 087
b) number of outward phototelegrams	—	—	—
2. <i>Traffic with countries of the same continent ⑤:</i>			
a) number of outward telegrams	41 292	11 789	6 822
b) number of inward telegrams	49 358	10 755	4 575
c) number of transit telegrams (each telegram counted once only)	18 220	1 706	1 560
d) number of outward, inward, and transit phototelegrams	—	—	—
3. <i>Traffic with Europe ⑤:</i>			
a) number of outward telegrams	126 146	44 165	4 051
b) number of inward telegrams	57 902	35 245	5 999
c) number of transit telegrams (each telegram counted once only)	3 911	17 934	1 032
d) number of outward, inward, and transit phototelegrams	—	—	—
4. <i>Traffic with other continents ⑤:</i>			
a) number of outward telegrams	5 984	4 927	1 636
b) number of inward telegrams	2 422	5 391	1 081
c) number of transit telegrams (each telegram counted once only)	932	2 281	318
d) number of outward, inward, and transit phototelegrams	—	—	—

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Oversea Territories of the French Republic and Territories administered as such (<i>ctd.</i>):		Pakistan ¹⁾	Peru	Philippines (Republic of) ¹⁾	Portugal	Portuguese Colonies:	
St. Pierre and Miquelon	Togoland (Territory under French Trusteeship)					Angola	Cape Verde Islands
—	—	—	—	—	2 804 917	—	—
—	—	—	—	—	310 906	323 297	24 623
—	—	—	—	—	218 713	281 005	291 330 ²⁾
—	—	—	—	—	—	—	—
1 985	67 030	2 070 000	3 902 882	2 145 974	—	198 141	39 172
—	—	—	—	—	—	—	—
—	11 412	491 000	10 126	201 875	—	19 683	1 693
—	12 515	546 000	6 494	197 250	—	12 404	2 549
—	—	13 000	506	527 667	—	1 303	48
—	—	—	—	—	—	—	—
3 428	4 192	199 000	—	35 798	—	56 467	9 102
1 645	3 022	221 000	—	24 261	—	49 098	7 574
—	—	—	—	—	1 704	13 603	—
—	—	—	—	—	—	—	—
596	228	42 000	—	245 321	—	2 181	780
797	218	42 000	—	190 162	—	2 985	1 110
—	—	—	—	—	286 702 ⁶⁾	139	425
—	—	—	—	—	9	—	—

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(Chapters I—V)

Subject of the statistics	Portuguese Colonies (ctd.):		
	Macao	Mozambique	Portuguese Guinea
I. Population of the country by the latest census	200 000	5 090 294	471 104
II. Area of the country (in square kilometres)	15,5	771 125	36 125
III. Telegraph Network:			
1. a) Number of telegraph circuits in service (except submarine circuits):			
1) voice-frequency telegraphy (each frequency for both directions is counted as one circuit)	—	—	—
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	—	—	—
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	9	80	23
b) Length (in kilometres) of submarine telegraph circuits ① ②	—	—	—
2. Number of radiotelegraph circuits between fixed points	9	8	4
3. Number of phototelegraphy circuits:			
a) by wire	—	—	—
b) by wireless	—	—	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	2	182	23
b) of railway companies	—	7	—
c) of public companies	—	28	—
d) semaphore with telegraph service	—	2	—
Total	2	219	23
2. Number of fixed radiotelegraph stations:			
a) transmitting	1	22	4
b) receiving	1	22	4
3. Number of offices handling phototelegraph transmissions	—	—	—
V. Apparatus:			
1. Types of apparatus used for telegraph transmission on main lines in the domestic service and the international service:			
a) Morse (sounder or buzzer)	—	X	X
b) Wheatstone, Creed	—	X	O
c) Hughes	—	O	O
d) Baudot	—	O	O
e) Siemens (rapid printers)	—	O	O
f) Murray	—	O	O
g) Start-Stop	—	O	O
2. Number of start-stop apparatus in service	—	—	—
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	—	—	—
b) infra-acoustic or pulse	—	—	—
c) voice-frequency (channels)	—	—	—
d) super-acoustic	—	—	—
e) high frequency carrier (channels)	—	—	—
	2	—	—

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Portuguese India	Portuguese Colonies (ctd.):			Somaliland	Southern Rhodesia	Spain	Spanish Zone of the Protectorate of Morocco ¹⁾	
	Portuguese Timor	St. Thome and Principe	Somaliland				1948	1949
	3 983	18 990	964	500 000	388 500	503 561	20 000	20 000
601 000	427 297	60 940	900 000	1 980 000	28 022 773	1 082 009 ²⁾	1 082 009 ²⁾	1 082 009 ²⁾
55	—	—	—	—	64	—	—	—
—	—	—	—	—	200	—	2	2
1	—	—	1	67	—	24	28	28
0,300	—	—	—	—	7 242	—	—	—
—	3	2	35	2	70	—	—	—
—	—	—	—	—	—	—	—	—
56	—	—	24	162	1 460	1	1	1
12	—	—	—	—	637	—	—	—
—	—	—	—	—	2 857	35	38	38
—	—	—	—	—	13	—	—	—
68	—	2	24	162	4 967	36	39	39
—	3	2	24	42	22	1	1	1
1	3	2	24	42	22	1	1	1
—	—	—	—	—	1	—	—	—
X	—	—	X	X	X	X	—	—
O	—	—	O	O	X	X	O	O
O	—	—	O	O	X	X	O	O
O	—	—	O	O	X	X	O	O
O	—	—	O	O	X	X	O	O
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	O	O
O	—	—	O	O	X	X	O	O
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	X	X
O	—	—	O	O	X	X	X	X
—	—	—	—	84	1 270	11	14	14
—	—	—	—	1	62	32	25	30
—	—	—	—	64	—	—	—	—

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(Chapter VI)

Subject of the statistics	Portuguese Colonies (ctd.):		
	Macao	Mozambique	Portuguese Guinea
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams			
b) number of outward phototelegrams			
2. <i>International European Traffic (3):</i>			
a) number of outward telegrams			
b) number of inward telegrams			
c) number of transit telegrams (each telegram counted once only)			
d) number of outward, inward, and transit phototelegrams			
3. <i>International Extra-European Traffic (4):</i>			
a) number of outward telegrams			
b) number of inward telegrams			
c) number of transit telegrams (each telegram counted once only)			
d) number of outward, inward, and transit phototelegrams			
B. Traffic of countries of the Extra-European system (4):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	205	363 636	30 760
b) number of outward phototelegrams	—	—	—
2. <i>Traffic with countries of the same continent (5):</i>			
a) number of outward telegrams	17 116	87 615	2 071
b) number of inward telegrams	25 395	94 401	1 809
c) number of transit telegrams (each telegram counted once only)	850	590	—
d) number of outward, inward, and transit phototelegrams	—	—	—
3. <i>Traffic with Europe (5):</i>			
a) number of outward telegrams	4 949	67 462	8 083
b) number of inward telegrams	4 582	54 143	6 737
c) number of transit telegrams (each telegram counted once only)	3 728	1 053	67
d) number of outward, inward, and transit phototelegrams	—	—	—
4. <i>Traffic with other continents (5):</i>			
a) number of outward telegrams	2 696	11 202	146
b) number of inward telegrams	2 622	14 135	157
c) number of transit telegrams (each telegram counted once only)	6 438	47	—
d) number of outward, inward, and transit phototelegrams	—	—	—

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Subject of the statistics	Spanish Territories in the Gulf of Guinea ¹⁾	Sweden ¹⁾	Switzerland ¹⁾
VI. Traffic:			
A. Traffic of countries of the European system ③:			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	5 127 711 ⁷⁾ ⁸⁾	817 850	
b) number of outward phototelegrams	—	—	
2. <i>International European Traffic ③:</i>			
a) number of outward telegrams	1 035 449 ⁷⁾	1 353 378	
b) number of inward telegrams	1 059 298 ⁷⁾	1 443 911	
c) number of transit telegrams (each telegram counted once only)	452 638 263	444 979 30	
d) number of outward, inward, and transit phototelegrams			
3. <i>International Extra-European Traffic ④:</i>			
a) number of outward telegrams	229 689 ⁷⁾	464 629	
b) number of inward telegrams	241 185 ⁷⁾	507 652	
c) number of transit telegrams (each telegram counted once only)	63 399 158	34 976 41	
d) number of outward, inward, and transit phototelegrams			
B. Traffic of countries of the Extra-European system ④:			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	14 988	—	
b) number of outward phototelegrams	—	—	
2. <i>Traffic with countries of the same continent ⑤:</i>			
a) number of outward telegrams	10 320	—	
b) number of inward telegrams	8 532	—	
c) number of transit telegrams (each telegram counted once only)	—	—	
d) number of outward, inward, and transit phototelegrams	—	—	
3. <i>Traffic with Europe ⑤:</i>			
a) number of outward telegrams	37 224	—	
b) number of inward telegrams	30 412	—	
c) number of transit telegrams (each telegram counted once only)	—	—	
d) number of outward, inward, and transit phototelegrams	—	—	
4. <i>Traffic with other continents ⑤:</i>			
a) number of outward telegrams	192	—	
b) number of inward telegrams	144	—	
c) number of transit telegrams (each telegram counted once only)	—	—	
d) number of outward, inward, and transit phototelegrams	—	—	

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Syrian Republic	Tunisia (French Protectorate of)	Turkey	Union of South Africa ¹⁾	United Kingdom of Great Britain and Northern Ireland ¹⁾	United States of America		
—	—	5 882 502	—	41 974 000	—		
—	—	272 155 282 524	—	5 588 000 4 119 000	1 618 000 608		
—	—	78 865 86 850	—	4 952 000 4 962 000	4 900 000 2 198		
100 000	164 460	—	11 763 558 393	—	174 342 801	¹⁾	
50 000 40 000	— ²⁾	—	343 205 345 225	—	—	²⁾ ³⁾	
55 000	—	—	3 129	—	—	—	
39 000 35 000	— ⁴⁾	—	649 728 682 438	—	—	⁴⁾	
—	—	—	16 245 420	—	—	—	
37 000 35 000	50 073 ³⁾ 49 626 ³⁾	—	80 007 ²⁾ 48 090 ²⁾	—	—	⁴⁾	

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Remarks

Argentine Republic. — ¹⁾ All information is only approximate.

Australia (Commonwealth of). — ¹⁾ Year from 1 July 1948 to 30 June 1949. — ²⁾ Estimated as at 30 June 1948. — ³⁾ Information not readily available. — ⁴⁾ Includes radiotelegrams to ships at sea and to radio stations in the Pacific and other adjacent islands. — ⁵⁾ Traffic includes 5,974,366 words to New Zealand, the Fiji Islands and the Pacific Islands. — ⁶⁾ Traffic includes 4,153,917 words from New Zealand, the Fiji Islands and the Pacific Islands. — ⁷⁾ Separate statistics for this traffic are not recorded. — ⁸⁾ Traffic comprises 27,026,706 words in all, of which 14,113,355 were to the United Kingdom, 3,112,536 to the United States of America and 9,800,815 to other countries. — ⁹⁾ Traffic comprises 36,786,845 words in all, of which 21,800,720 were from the United Kingdom, 2,669,762 from the United States of America and 12,316,363 from other countries. — ¹⁰⁾ Overall transit traffic comprising 1,008,578 words.

Belgian Congo and Territories of Ruanda-Urundi. — ¹⁾ The population is made up as follows:

Belgian Congo:	White 43,176	Ruanda-Urundi:	White 6,659
	Black 11,073,311		Black 3,808,191

²⁾ Aeronautical service telegrams not included in this figures.

Belgium. — ¹⁾ No wire circuits. One voice frequency circuit in telephone cable La Panne 6 giving 18 direct connections.

Canada. — ¹⁾ Includes traffic with countries of the same continent and with Europe. — ²⁾ Includes traffic with Europe. — ³⁾ See note ¹⁾. — ⁴⁾ See note ²⁾.

Ceylon. — ¹⁾ Year from 1 October 1949 to 30 September 1950. — ²⁾ Estimated as at 31 December 1949. — ³⁾ Information not available. — ⁴⁾ Includes traffic with other continents. — ⁵⁾ See note ⁴⁾.

Denmark (including the Faroe Islands and Greenland). — ¹⁾ Year from 1 April 1949 to 31 March 1950. — ²⁾ Excluding Greenland. Population of Greenland: 21,384. — ³⁾ Excluding Greenland. — ⁴⁾ Excluding radiotelegraph circuits with certain lightships. — ⁵⁾ Phototelegrams are transmitted over telephone circuits borrowed for the occasion. — ⁶⁾ Includes 97 offices operated by the commune of the Faroes and 27 offices operated by the Greenland Administration.

France (including Algeria, Guadeloupe, French Guiana, Martinique and Reunion). — ¹⁾ Phototelegrams are transmitted over circuits taken from the telephone service between the points concerned. — ²⁾ Includes the Telex service apparatus but does not include apparatus operated on specialized networks. — ³⁾ Traffic from Guadeloupe, French Guiana, Martinique and Reunion.

Germany (American, British and French Zones of Occupation). — ¹⁾ Year from 1 April 1949 to 31 March 1950.

Greece. — ¹⁾ 1940 census. — ²⁾ 572 P.T.T. offices and 1750 communal telephone stations; the telegraph traffic of these stations is routed by telephone via the nearest P.T.T. offices.

Haiti (Republic of). — ¹⁾ Year from 1 October 1948 to 30 September 1949. — ²⁾ 12 private service stations and 4 public service stations — ³⁾ 15 private service stations and 2 public service stations. — ⁴⁾ In the internal service telegrams are sent by telephone. — ⁵⁾ Messages to or from any continent other than America are transmitted or received through stations on the American continent. — ⁶⁾ Total of telegrams transmitted by cable or by radio. Aeronautical service telegrams are not included in this figure. — ⁷⁾ Total of telegrams received by cable or radio. Aeronautical service telegrams are not included in this figure.

India. — ¹⁾ Year from 1 April 1949 to 31 March 1950.

Indonesia (Republic of). — ¹⁾ Estimated.

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Remarks

Israel (State of). — ¹⁾ Census of 8 November 1948.

Italy. — ¹⁾ Year from 1 July 1948 to 30 June 1949.

Japan. — ¹⁾ Includes 1 facsimile circuit.

New Zealand. — ¹⁾ Year from 1 April 1949 to 31 March 1950. — ²⁾ Information not available. — ³⁾ No separate statistics are recorded for this traffic. — ⁴⁾ Includes outward telegrams exchanged with countries of the same continent and with Europe. — ⁵⁾ Includes inward telegrams exchanged with countries of the same continent and with Europe.

Norway. — ¹⁾ Year from 1 July 1948 to 30 June 1949. — ²⁾ Census of 3 December 1946. Figures corrected after revision of the census bulletins. — ³⁾ According to the last estimate and excluding Spitzbergen and secondary territories. — ⁴⁾ These indications refer only to the network operated by the Telegraph Administration — ⁵⁾ There are 8 telex exchanges with 101 subscribers; 22 circuits for telex are included in these figures. — ⁶⁾ There are, in addition, 16 circuits combined with those appearing under 1. a) 1) and 1 a) 3). — ⁷⁾ Phototelegrams are transmitted over telephone circuits borrowed for the occasion. — ⁸⁾ These figures also include telephone offices handling telegraph traffic. — ⁹⁾ Excluding 114 apparatus for telex subscribers. — ¹⁰⁾ These indications include only paid telegrams.

Overseas Territories of the French Republic and Territories administered as such:

French Equatorial Africa. — ¹⁾ As a result of arrangements made with the administrations concerned accounts are not prepared with Belgian Congo, Cameroun, Niger Colony, Nigeria and Anglo-Egyptian Sudan, this traffic being considered as internal.

French Settlements in Oceania. — ¹⁾ Census of 9 June 1946.

French West Africa. — ¹⁾ Internal service only.

Madagascar and Dependencies. — ¹⁾ 821,579 private telegrams, 234,535 official telegrams and 183,791 service telegrams.

New Caledonia and Dependencies. — ¹⁾ 1946 census. — ²⁾ Includes secondary exchanges and telephone service cabins. — ³⁾ Used by the aeronautical and meteorological services.

Pakistan. — ¹⁾ Year from 1 April 1949 to 31 March 1950.

Philippines (Republic of the). — ¹⁾ Year from 1 July 1949 to 30 June 1950. — ²⁾ Census of 1 October 1948. — ³⁾ Land area. — ⁴⁾ In use: 15,931 km.; not in use at present: 4,081 km. — ⁵⁾ Other types of apparatus in use: Boehme, Regenerator E.T.C. and Long Distance Recorder. — ⁶⁾ In transit from China to the United States of America.

Portugal. — ¹⁾ 1940 census. — ²⁾ Includes the transit traffic of submarine cable companies.

Portuguese Colonies:

Angola. — ¹⁾ 1940 census.

Portuguese Timor. — ¹⁾ Telegrams sent by telephone.

Spanish Zone of the Protectorate of Morocco. — ¹⁾ Includes Villa Bens for 1949. — ²⁾ 1945 census.

Spanish Territories in the Gulf of Guinea. — ¹⁾ Including the islands of Fernando Po, Annobon, Corisco, Elobey Grande and Elobey Chico as well as the continental territory of Spanish Guinea. — ²⁾ 1942 census.

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Remarks

Sweden. — ¹⁾ Year from 1 July 1948 to 30 June 1949. — ²⁾ Census of 31 December 1948. As of 31 December 1949, the population of Sweden was 6,986,181. — ³⁾ These indications refer only to the network operated by the Telegraph Administration. — ⁴⁾ Phototelegrams are transmitted over telephone circuits borrowed for the occasion. — ⁵⁾ Phototelegrams may be handed in at any telephone exchange and may also be addressed to any such exchange. — ⁶⁾ No record. — ⁷⁾ Includes only paid telegrams. The number of service telegrams was 79,998 internal, 73,617 outward international and 69,616 inward international. — ⁸⁾ In addition, 12,052 paid telegrams were transmitted solely over railway telegraph lines.

Switzerland. — ¹⁾ Including figures for the telegraph service of the Principality of Liechtenstein.

Tunisia (French Protectorate of). — ¹⁾ 1946 census. — ²⁾ Traffic with France, Algeria and the French Protectorate of Morocco was 307,136 outward telegrams and 286,279 inward telegrams. — ³⁾ Traffic with countries of the European and extra-European systems. — ⁴⁾ See note ²⁾.

Union of South Africa. — ¹⁾ Year from 1 April 1948 to 31 March 1949. — ²⁾ Traffic with United States of America from 23 August 1948.

United Kingdom of Great Britain and Northern Ireland. — ¹⁾ Year from 1 April 1949 to 31 March 1950. — ²⁾ Represents Government owned cable only. — ³⁾ Represents Government owned apparatus only. — ⁴⁾ Including international traffic dealt with entirely by private operating agencies.

United States of America. — ¹⁾ Includes messages to Canada, Mexico, St. Pierre and Miquelon. — ²⁾ Excludes messages to Canada, Mexico, St. Pierre and Miquelon. — ³⁾ Total international traffic. — ⁴⁾ See note ³⁾.