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(ITU) نتاج تصوير بالمسح الضوئي أجراه قسم المكتبة والمحفوظات في الاتحاد الدولي للاتصالات (PDF) هذه النسخة الإلكترونية نقلاً 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 1954

GENEVA

GENERAL SECRETARIAT OF THE INTERNATIONAL TELECOMMUNICATION UNION

1955



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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 Administration concerned; the sign O indicates that the type of apparatus is not used.

Under Article 97, § 7, of the Telegraph Regulations (Paris Revision, 1949) Administrations are not committed to supplying telegraph statistics if they find difficulty in doing so. In point of fact the statistics furnished for 1954 and contained herein relate to little more than half the Membership of the Union and thus it is not practicable to establish any world totals.

The "explanatory notes" in the statistical table sent to Administrations 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 and the Cape Verde Islands); West Africa; East Africa (including Seychelles, Madagascar, Reunion and 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, Cambodia, Laos, Viet-Nam and Pakistan; East Indies: Indonesia, Borneo and the 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).
Oceania:	Australia; Netherlands New Guinea and New Guinea (Territory of); New Zealand; Pacific Archipelagoes (Melanesia, Polynesia, Micronesia).

Telegraph Statistics 1954

(Chapters I—V)

Subject of the statistics	Australia (Commonwealth of) ¹⁾	Austria	Belgian Congo and Territory of Ruanda- Urundi
I. Population of the country by the latest census	8 986 873 ²⁾	6 933 905	16 224 916 ¹⁾
II. Area of the country (in square kilometres)	7 703 849	83 850	2 355 800
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)	1 167	205	8
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	14	—	3 ²⁾
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	1 133	99	36
b) Length (in kilometres) of submarine telegraph circuits			
① ②	10 851	—	—
2. Number of radiotelegraph circuits between fixed points . . .	868	13	177
3. Number of phototelegraphy circuits:			
a) by wire	8	9	—
b) by wireless	5	—	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	9 545	4 126	164
b) of railway companies	364	—	2
c) of public companies	5	1	—
d) semaphore with telegraph service	—	—	—
Total	9 914	4 127	166 ³⁾
2. Number of fixed radiotelegraph stations:			
a) transmitting	901	2	166
b) receiving	901	1	166
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)	×	o	×
b) Wheatstone, Creed	×	o	×
c) Hughes	o	o	o
d) Baudot	o	o	o
e) Siemens (rapid printers)	o	o	o
f) Murray	×	o	o
g) Start-Stop	×	×	×
2. Number of start-stop apparatus in service	2 306 ³⁾	377	40
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	— ⁴⁾	106	—
b) infra-acoustic or pulse	— ⁴⁾	4	—
c) voice-frequency (channels)	1 167	403	—
d) super-acoustic	— ⁴⁾	—	—
e) high-frequency carrier (channels)	— ⁴⁾	—	15

Telegraph Statistics 1954

(Chapters I—V)

Belgium ¹⁾	British East Africa Kenya, Tanganyika and Uganda	British West Africa		Burma	Cambodia	Canada	Ceylon ¹⁾
		Gambia	Gold Coast ¹⁾²⁾				
8 840 704	17 709 251	281 000	4 478 000	17 000 000	4 100 000	14 624 000	8 478 000 ²⁾
30 506	1 762 400	10 213	249 163	678 286	173 000	9 960 555	65 608
399	88	—	6	—	—	—	31
—	—	—	—	—	—	—	—
242	423	—	—	48	11	—	378
45	—	—	2445	—	—	—	—
18	97	—	—	100	1	—	5
27	—	—	—	—	—	—	—
—	2	—	1	—	—	—	1
1 453	235	5	114	151	35	114	—
—	356	—	81	—	—	4 872	—
—	3	1	1	—	—	21	—
—	—	—	—	—	—	—	—
1 453	594	6	196	151	35	5 007	—
1	55	1	—	100	7	—	20
2	55	1	—	100	7	—	20
1	1	—	—	—	—	—	1
×	×	×	×	×	×	—	×
×	o	×	o	×	o	—	×
o	o	o	o	o	o	—	o
o	o	o	o	o	o	—	o
o	o	o	o	o	o	—	o
o	o	o	o	o	o	—	o
o	o	o	o	o	o	—	o
×	×	o	o	o	o	—	×
1 030	80	—	—	—	—	—	160
158	106	—	102	—	—	—	—
570	53	—	6	—	—	—	—
—	8	—	—	—	—	—	—
—	27	—	—	—	—	—	—

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Australia (Common-wealth of) ¹⁾	Austria	Belgian Congo and Territory of Ruanda- Urundi
VI. Traffic:			
A. Traffic of countries of the European system ⁽³⁾:			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams		2 218 261	
b) number of outward phototelegrams		—	
2. <i>International European traffic ⁽³⁾:</i>			
a) number of outward telegrams		888 046	
b) number of inward telegrams		906 883	
c) number of transit telegrams (each telegram counted once only)		57 970	
d) number of outward, inward, and transit phototelegrams . .		110	
3. <i>International Extra-European traffic ⁽⁴⁾:</i>			
a) number of outward telegrams		88 467	
b) number of inward telegrams		92 091	
c) number of transit telegrams (each telegram counted once only)		4 715	
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	22 536 236 ⁵⁾		940 143 ⁴⁾
b) number of outward phototelegrams	14 621		—
2. <i>Traffic with countries of the same continent ⁽⁵⁾:</i>			
a) number of outward telegrams	5 410 989 ⁶⁾⁷⁾		44 115
b) number of inward telegrams	4 302 238 ⁸⁾		41 757 ⁴⁾
c) number of transit telegrams (each telegram counted once only)	— ⁴⁾		4 784
d) number of outward, inward, and transit phototelegrams . .	1 248		—
3. <i>Traffic with Europe ⁽⁵⁾:</i>			
a) number of outward telegrams	} — ⁹⁾		90 505
b) number of inward telegrams			70 526 ⁴⁾
c) number of transit telegrams (each telegram counted once only)			2 681
d) number of outward, inward, and transit phototelegrams . .		2 538	—
4. <i>Traffic with other continents ⁽⁵⁾:</i>			
a) number of outward telegrams	29 768 045 ⁶⁾¹⁰⁾		16 025
b) number of inward telegrams	34 679 069 ⁶⁾¹¹⁾		15 083 ⁴⁾
c) number of transit telegrams (each telegram counted once only)	— ⁴⁾		496
d) number of outward, inward, and transit phototelegrams . .	725		—

Telegraph Statistics 1954

(Chapter VI)

Belgium ¹⁾	British East Africa Kenya, Tanganyika and Uganda	British West Africa		Burma	Cambodia	Canada	Ceylon ¹⁾
		Gambia	Gold Coast ¹⁾²⁾				
4 220 372 5							
941 957 1 022 814							
439 552 491							
365 449 420 561 399 580							
	1 933 701	—	1 142 650	601 573	50 305	17 305 605 ¹⁾	3 063 685
	—	—	—	—	—	—	—
	95 925 96 507	— —	24 412 21 332	55 472 56 335	69 362 ¹⁾ 131 464 ¹⁾	— ²⁾ 2 106 265	850 052 ³⁾ 156 668 ³⁾
	686 2	— —	6 432 —	— —	— —	— —	— —
	154 816 125 580	6 500 5 600	69 283 55 463	81 943 81 531	} — ²⁾	— ³⁾ — ⁴⁾	} — ⁴⁾
	20 114	— —	— —	— —		— —	
	114 566 94 498	— —	12 554 8 533	12 443 13 580		1 116 959 ⁵⁾ 988 554 ⁵⁾	250 136 ⁵⁾ 224 223 ⁵⁾
	10 —	— —	— 13	— —		1 010 570 —	— —

Telegraph Statistics 1954

(Chapters I—V)

Subject of the statistics	Cuba	Denmark (including the Faroes and Greenland)	Egypt
I. Population of the country by the latest census	6 000 000	4 414 355 ¹⁾	21 941 000
II. Area of the country (in square kilometres)	114 524	42 936 ²⁾	1 035 552
III. Telegraph Network:			
1. a) Number of telegraph circuits in service (except submarine circuits):			
1) voice-frequency telegraph (each frequency for both directions is counted as one circuit)	126	353	60
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)		—	1 014
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)		1 031 ³⁾	641
b) Length (in kilometres) of submarine telegraph circuits			
① ②	—	—	—
2. Number of radiotelegraph circuits between fixed points	—	12	52
3. Number of phototelegraphy circuits:			
a) by wire	—	—	—
b) by wireless	—	—	5
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	384	753 ⁴⁾	739
b) of railway companies	—	435	168
c) of public companies	—	—	4
d) semaphore with telegraph service	—	3 ⁵⁾	—
Total	384	1 191	911
2. Number of fixed radiotelegraph stations:			
a) transmitting	24	31 ⁶⁾	13
b) receiving	24	31 ⁶⁾	16
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)	×	o	×
b) Wheatstone, Creed	o	×	×
c) Hughes	o	o	o
d) Baudot	o	o	o
e) Siemens (rapid printers)	o	o	×
f) Murray	o	o	o
g) Start-Stop	×	×	×
2. Number of start-stop apparatus in service	20	1 315 ⁷⁾	219
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	—	633 ⁸⁾	1
b) infra-acoustic or pulse	—	—	—
c) voice-frequency (channels)	—	626 ⁹⁾	56
d) super-acoustic	—	90 ⁹⁾	—
e) high-frequency carrier (channels)	—	—	4

Telegraph Statistics 1954

(Chapters I—V)

Egypt (3rd Region)	Ethiopia	Federal German Republic	Finland	France (including Algeria, French Guiana, Guadeloupe, Martinique and Reunion)	Greece	Iceland	India ¹⁾
8 764 048	17 700 000	49 516 300	4 215 000	53 162 530 ¹⁾	7 629 528 ¹⁾	155 000	356 829 000
2 504 858	1 232 300	245 339	337 009	2 835 998 ¹⁾	132 561	102 850	3 288 368
9	—	714	63	4 002	—	3	768
58	—	—	—	48	—	—	102
47	9	616	90	1 002	1 230	9	1 753
150 ¹⁾	—	—	66	39 118	2 855	—	75
26	23	23	8	75	46	8	44
—	—	109	22 ¹⁾	— ²⁾	—	—	—
—	—	7	2 ¹⁾	19	4	—	2
117	35	38 543	563	37 713	3 686 ²⁾	243	4 482
17	—	—	346	335	—	—	4 209
1	—	—	6	4	—	—	707
—	—	11	—	60	—	—	—
135	35	38 554	915	38 112	3 686	243	9 398
18	11	3	128 ²⁾	27	64	9	41
18	11	2	127 ²⁾	26	72	9	42
—	—	14	1	2	—	—	46
×	×	o	×	×	×	o	×
o	o	×	o	×	×	×	×
o	o	o	o	o	o	o	o
o	o	o	o	×	o	o	×
o	o	o	o	o	o	o	×
o	o	o	o	o	o	o	×
o	o	o	o	o	o	o	×
o	o	×	×	×	×	×	×
—	—	2 817	390	2 352	79	47	587
—	14	513	64	324	316	6	1 151
—	—	69	—	1	4	—	—
—	—	791	78	3 055	—	5	561
—	—	1	1	4	—	—	—
—	—	33	42	—	34	4	85

Telegraph Statistics 1954
(Chapter VI)

Subject of the statistics	Cuba	Denmark (including the Faroes and Greenland)	Egypt
VI. Traffic:			
A. Traffic of countries of the European system ③:			
1. Internal traffic:			
a) total number of outward telegrams		1 560 294	
b) number of outward phototelegrams		—	
2. International European traffic ③:			
a) number of outward telegrams		834 772	
b) number of inward telegrams		901 996	
c) number of transit telegrams (each telegram counted once only)		417 053	
d) number of outward, inward, and transit phototelegrams . .		123	
3. International Extra-European traffic ④:			
a) number of outward telegrams		198 452	
b) number of inward telegrams		173 016	
c) number of transit telegrams (each telegram counted once only)		210 970	
d) number of outward, inward, and transit phototelegrams . .		28	
B. Traffic of countries of the Extra-European system ④:			
1. Internal traffic:			
a) total number of outward telegrams	6 400 053		2 933 306
b) number of outward phototelegrams	—		—
2. Traffic with countries of the same continent ⑤:			
a) number of outward telegrams	512 589		81 018
b) number of inward telegrams	—		90 141
c) number of transit telegrams (each telegram counted once only)	—		73 122
d) number of outward, inward, and transit phototelegrams . .	—		—
3. Traffic with Europe ⑤:			
a) number of outward telegrams	—		667 663
b) number of inward telegrams	—		567 285
c) number of transit telegrams (each telegram counted once only)	—		51 008
d) number of outward, inward, and transit phototelegrams . .	—		352
4. Traffic with other continents ⑤:			
a) number of outward telegrams	—		103 792
b) number of inward telegrams	—		125 510
c) number of transit telegrams (each telegram counted once only)	—		38 869
d) number of outward, inward, and transit phototelegrams . .	—		—

Telegraph Statistics 1954
(Chapter VI)

Egypt (3rd Region)	Ethiopia	Federal German Republic	Finland	France (including Algeria, French Guiana, Guadeloupe, Martinique and Reunion)	Greece	Iceland	India ¹⁾
		19 261 219 ¹⁾	743 132	15 662 224	4 982 070	303 516	
		2 735	—	1 513	—	—	
		3 069 768	426 272	2 697 413	371 828	79 825	
		2 937 585	403 657	2 909 480	408 997	66 333	
		262 805	44 863	794 385	11 868	—	
		762	410	1 160	96	—	
		1 009 116	50 907	1 288 993	96 177	14 623	
		1 030 516	45 540	1 489 479	135 556	12 374	
		66 195	119 778	956 352	4	—	
		292	—	295	14	—	
				114 132 ³⁾			25 544 698
				—			—
				39 792 ³⁾			828 980
				42 526 ³⁾			1 415 185
				2 158 ³⁾			46 414
				—			46
				49 317 ³⁾			644 544
				43 974 ³⁾			595 668
				28 120 ³⁾			5 044
				—			48
				1 450 ³⁾			345 516
				1 883 ³⁾			360 744
				312 ³⁾			2 316
				—			13

Telegraph Statistics 1954
(Chapters I—V)

Subject of the statistics	Indonesia (Republic of)	Ireland ¹⁾	Israel (State of) ¹⁾
I. Population of the country by the latest census	80 000 000 ¹⁾	2 958 878 ²⁾	1 700 000
II. Area of the country (in square kilometres)	1 491 545	70 284	20 874
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)	1	105	47
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)	495	252	35
b) Length (in kilometres) of submarine telegraph circuits			
① ②	—	120	—
2. Number of radiotelegraph circuits between fixed points	162	5	10
3. Number of phototelegraphy circuits:			
a) by wire	—	—	—
b) by wireless	—	—	5
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	523	1 328	213
b) of railway companies	—	46 ³⁾	—
c) of public companies	4	—	—
d) semaphore with telegraph service	—	—	—
Total	527	1 374	213
2. Number of fixed radiotelegraph stations:			
a) transmitting	111	5	7
b) receiving	111	5	10
3. Number of offices handling phototelegraph transmissions	—	—	— ²⁾
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	o	o	o
c) Hughes	o	o	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	50	213	266
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit .	9	7	35
b) infra-acoustic or pulse	—	—	—
c) voice-frequency (channels)	12	213	74
d) super-acoustic	—	—	—
e) high-frequency carrier (channels)	—	—	4

Telegraph Statistics 1954
(Chapters I—V)

Italy	Japan	Jordan ¹⁾	Lebanon	Luxem- bourg	Malaya-British Borneo (Group)		
					Malaya, Singapore	North Borneo	Sarawak
—	88 800 000 ¹⁾	1 402 000	793 396	304 963	7 056 260	367 753	546 385
—	371 050 ²⁾	96 500	10 000	2 586	132 000	76 135	121 000
191	1 659	—	—	9	94	—	—
—	—	—	—	—	—	—	—
3 747	2 287	14	38	3	38	8	—
7 500	2 402	—	—	—	—	—	—
35	89	—	—	—	12	20	34
10	4 ³⁾	—	—	—	—	—	—
10	14	—	—	—	—	—	—
9 501	14 502 ⁴⁾	—	105	413	215	13	30
2 000		—	—	58	76	—	—
20		1	—	—	2	1	—
31		—	—	—	—	—	—
11 552	14 502	—	105	471	293	14	30
—	121 ⁴⁾	—	—	—	12	10	19
—		—	—	—	12	10	19
21	7	—	—	—	—	—	—
×	×	×	×	o } ¹⁾	×	×	—
o	×	o	o		×	o	—
o	o	o	o		o	o	—
o	o	o	o		o	o	—
×	o	o	o		×	o	—
o	o	o	o		×	o	—
×	×	o	o		×	o	—
1 864	2 176	—	—	20	202	—	—
594	2 385	15	—	3	—	7	—
1	—	—	—	—	—	—	—
636	1 716	—	—	9	103	—	—
3	9 ⁵⁾	—	—	—	—	—	—
—	—	—	—	—	2	—	—

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Indonesia (Republic of)	Ireland ¹⁾	Israel (State of) ¹⁾
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams		1 595 388	
b) number of outward phototelegrams		—	
2. <i>International European traffic (3):</i>			
a) number of outward telegrams		676 628	
b) number of inward telegrams		806 376	
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		51 437	
b) number of inward telegrams		54 073	
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	2 314 691		622 240
b) number of outward phototelegrams	—		—
2. <i>Traffic with countries of the same continent (5):</i>			
a) number of outward telegrams	286 182		5 481
b) number of inward telegrams	268 941		5 602
c) number of transit telegrams (each telegram counted once only)	1 043		—
d) number of outward, inward, and transit phototelegrams . .	—		—
3. <i>Traffic with Europe (5):</i>			
a) number of outward telegrams	251 156		205 800
b) number of inward telegrams	176 234		196 133
c) number of transit telegrams (each telegram counted once only)	33 145		—
d) number of outward, inward, and transit phototelegrams . .	—		9
4. <i>Traffic with other continents (5):</i>			
a) number of outward telegrams	90 273		100 296
b) number of inward telegrams	75 732		102 153
c) number of transit telegrams (each telegram counted once only)	9		—
d) number of outward, inward, and transit phototelegrams . .	—		1

Telegraph Statistics 1954

(Chapter VI)

Italy	Japan	Jordan ¹⁾	Lebanon	Luxem- bourg	Malaya-British Borneo (Group)		
					Malaya, Singapore	North Borneo	Sarawak
31 148 118 14 991				163 631 —			
2 316 134 2 132 806				92 840 72 382			
273 252 840				— —			
625 950 849 248				6 565 6 414			
374 909 521				— —			
	85 753 645 10 070 ⁶⁾	32 440 —	77 650 —		606 348 —	— —	213 200 —
	960 109 715 579	31 365 23 690	87 900 71 680		518 520 579 276	46 316 47 050	47 450 67 890
	17 197 665	— —	22 700 —		733 608 —	— —	— —
	289 800 213 612	33 624 37 067	108 650 103 750		249 684 316 380	5 916 7 425	7 872 8 210
	— 196	— —	124 900 —		219 372 —	— —	— —
	734 665 659 728	14 563 22 342	109 700 108 900		131 088 217 452	2 784 1 931	4 116 4 320
	— 840	— —	10 650 —		190 176 —	— —	— —

Telegraph Statistics 1954

(Chapters I—V)

Subject of the statistics	Mexico 1953	Monaco	Morocco (French Pro- tectorate of)
I. Population of the country by the latest census	25 791 017	—	8 004 000
II. Area of the country (in square kilometres)	1 966 367	—	390 800
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)	—	—	50
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	132	—	11
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	132	—	122
b) Length (in kilometres) of submarine telegraph circuits			
① ②	10	—	—
2. Number of radiotelegraph circuits between fixed points	165	—	13
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	706	—	650
b) of railway companies	941	—	—
c) of public companies	71	—	—
d) semaphore with telegraph service	—	—	—
Total	1 718	—	650
2. Number of fixed radiotelegraph stations:			
a) transmitting	45	—	—
b) receiving	46	—	—
3. Number of offices handling phototelegraph transmissions	— 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)	×	—	o
b) Wheatstone, Creed	o	—	o
c) Hughes	o	—	o
d) Baudot	o	—	×
e) Siemens (rapid printers)	o	—	o
f) Murray	×	—	o
g) Start-Stop	o	—	×
2. Number of start-stop apparatus in service	—	—	244
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit .	264	—	73
b) infra-acoustic or pulse	—	—	—
c) voice-frequency (channels)	—	—	50
d) super-acoustic	—	—	—
e) high-frequency carrier (channels)	104	—	—

Telegraph Statistics 1954

(Chapters I—V)

Netherlands, Surinam, Netherlands Antilles, New Guinea				New Zealand ¹⁾	Norway ¹⁾	Overseas Territories of the French Republic and Territories administered as such	
Netherlands	Surinam	Netherlands Antilles	Netherlands New Guinea			Cameroon (Territory under French Trusteeship)	French Equatorial Africa
10 680 000 ¹⁾	—	210 000	728 392 ¹⁾	2 130 927	3 278 546 ²⁾	3 085 656	4 560 000
32 449 ²⁾	—	940	421 080 ²⁾	268 560	323 917	425 000	2 510 000
184	—	—	—	— ²⁾	198 ³⁾ 4)5)	—	—
—	—	—	—		—	—	—
34	—	—	—		86 ³⁾ 4)5)	78	42
—	—	—	—		633 ³⁾	—	—
19	14	11	17	27	23 ³⁾	42	118
—	—	—	—	—	— ⁶⁾	—	—
—	—	—	—	3		—	—
2 205	11	9	14	1 669	3 228	64	132
51	—	—	—	—	508	53	—
2	—	2	—	—	38	—	—
10	—	—	—	—	—	—	—
2 268	11	11	14	1 669	3 774	117	132
1	12	7	14	22	16	27	98
1	12	7	14	22	16	27	98
—	—	—	—	1	1	—	—
×	o	×	— ³⁾	— ²⁾	×	×	×
o	×	×			o	o	o
o	o	o			o	o	o
o	o	o			o	o	o
o	o	o			o	o	×
o	o	o			o	o	o
×	×	o			×	o	o
414	6	—	—	—	420 ⁷⁾	—	—
207	—	—	—	—	337	—	—
347	—	—	—	—	1 038	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	56	—	2

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Mexico 1953	Monaco	Morocco (French Protectorate of)
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams		127 283 ¹⁾	
b) number of outward phototelegrams		—	
2. <i>International European traffic (3):</i>			
a) number of outward telegrams		19 941	
b) number of inward telegrams		25 545	
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		4 357	
b) number of inward telegrams		6 438	
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	20 594 895		300 411
b) number of outward phototelegrams	—		25
2. <i>Traffic with countries of the same continent (5):</i>			
a) number of outward telegrams	564 694 ²⁾		88 400
b) number of inward telegrams	737 427 ³⁾		81 800
c) number of transit telegrams (each telegram counted once only)	464 ⁴⁾		203
d) number of outward, inward, and transit phototelegrams . .	737 ⁵⁾		—
3. <i>Traffic with Europe (5):</i>			
a) number of outward telegrams	— ⁶⁾		613 987
b) number of inward telegrams	— ⁷⁾		515 214
c) number of transit telegrams (each telegram counted once only)	— ⁸⁾		6 316
d) number of outward, inward, and transit phototelegrams . .	— ⁹⁾		67
4. <i>Traffic with other continents (5):</i>			
a) number of outward telegrams	— ⁶⁾		33 518
b) number of inward telegrams	— ⁷⁾		40 811
c) number of transit telegrams (each telegram counted once only)	— ⁸⁾		29
d) number of outward, inward, and transit phototelegrams . .	— ⁹⁾		—

Telegraph Statistics 1954

(Chapter VI)

Netherlands, Surinam, Netherlands Antilles, New Guinea				New Zealand ¹⁾	Norway ¹⁾	Oversea Territories of the French Republic and Territories administered as such	
Netherlands	Surinam	Netherlands Antilles	Netherlands New Guinea			Cameroon (Territory under French Trusteeship)	French Equatorial Africa
2 522 000 —					4 822 899 —		
1 340 000 1 370 000					699 575 707 398		
31 000 —					17 529 18		
770 000 879 000					133 698 181 435		
86 000 —					12 426 7		
	30 074 —	19 129 —	39 894 —	7 422 112 —		365 536 —	437 000 —
	26 306 25 236	60 535 ¹⁾ 38 397 ¹⁾	1 183 1 050	} — ³⁾		25 927 32 573	22 680 26 450
	— ¹⁾ —	3 466 ¹⁾ —	— —			— —	980 —
	8 790 9 074	18 968 ¹⁾ 13 345 ¹⁾	8 533 5 975			} — ³⁾	41 397 43 241
	— ²⁾ —	1 856 ¹⁾ —	— —	— —			5 600 —
	— —	617 ¹⁾ 837 ¹⁾	5 087 4 913	621 168 ⁴⁾ 594 785 ⁵⁾			1 483 1 669
	— —	— —	— —	— 416		— —	— 90

Telegraph Statistics 1954

(Chapters I—V)

Subject of the statistics	Oversea Territories of the French Republic and Territories administered as such		
	French Settlements in Oceania	French Somaliland	French West Africa
I. Population of the country by the latest census	63 000	47 000	17 336 000
II. Area of the country (in square kilometres)	4 000	23 000	4 741 371
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)	—	—	359
b) Length (in kilometres) of submarine telegraph circuits			
① ②	—	—	—
2. Number of radiotelegraph circuits between fixed points	31	5	142
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	24	5	345
b) of railway companies	—	—	71
c) of public companies	1	—	—
d) semaphore with telegraph service	—	—	—
Total	25	5	416
2. Number of fixed radiotelegraph stations:			
a) transmitting	27	1	114
b) receiving	27	1	114
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	—	—	o
c) Hughes	—	—	o
d) Baudot	—	—	o
e) Siemens (rapid printers)	—	—	o
f) Murray	—	—	o
g) Start-Stop	—	—	×
2. Number of start-stop apparatus in service	—	—	23
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit	—	—	718
b) infra-acoustic or pulse	—	—	—
c) voice-frequency (channels)	—	—	6
d) super-acoustic	—	—	—
e) high-frequency carrier (channels)	—	—	—

Telegraph Statistics 1954

(Chapters I—V)

Oversea Territories of the French Republic and Territories administered as such				Pakistan ¹⁾	Panama	Paraguay 1953	Philippines (Republic of the)
Madagascar and Dependencies	New Caledonia and Dependencies	St. Pierre and Miquelon Islands	Togo (Territory under French Trusteeship)				1953-1954 ¹⁾
4 500 000	61 000	4 600	1 029 946	75 842 000	885 000	1 405 627	19 234 182 ²⁾
591 550	19 000	242	54 000	587 338	75 475	406 752	299 400 ³⁾
—	—	—	—	99	50	—	57
—	—	—	—	382	—	—	17
13 ¹⁾	29	—	19	764	—	—	147
—	—	—	—	6,3	—	13	1 321
—	15	—	5	31	22	49	599
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	3
—	—	—	—	—	—	—	—
—	89	—	22	921	—	122	470
—	—	—	6	756	—	39	25
—	—	—	—	1 220	—	—	27
—	—	—	—	16	—	—	—
—	89	—	28	2 913	—	161	522
—	6	2	5	20	11	159	208
—	6	2	5	22	11	159	208
—	—	—	—	—	—	—	1
×	×	—	×	×	×	×	×
o	o	—	o	×	o	×	×
×	o	—	o	o	o	o	o
o	o	—	o	o	o	o	o
o	o	—	o	o	o	o	o
o	o	—	o	o	o	o	o
o	o	—	o	o	o	o	o
×	o	—	o	×	o	o	×
22	—	—	—	106	—	—	327
—	10	—	7	379	—	—	609
—	—	—	—	—	—	—	—
—	—	—	—	66	—	—	120
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	50

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Overseas Territories of the French Republic and Territories administered as such		
	French Settlements in Oceania	French Somaliland	French West Africa
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	34 039	1 975	1 777 000
b) number of outward phototelegrams	—	—	—
2. <i>Traffic with countries of the same continent (5):</i>			
a) number of outward telegrams	3 370	8 849	35 885
b) number of inward telegrams	3 628	8 526	33 154
c) number of transit telegrams (each telegram counted once only)	605	180	31 016
d) number of outward, inward, and transit phototelegrams . .	—	—	—
3. <i>Traffic with Europe (5):</i>			
a) number of outward telegrams	7 873	6 637	146 112
b) number of inward telegrams	7 240	6 329	124 699
c) number of transit telegrams (each telegram counted once only)	—	1 972	39 427
d) number of outward, inward, and transit phototelegrams . .	—	—	—
4. <i>Traffic with other continents (5):</i>			
a) number of outward telegrams	3 684	4 974	8 433
b) number of inward telegrams	3 637	6 205	9 382
c) number of transit telegrams (each telegram counted once only)	—	216	4 157
d) number of outward, inward, and transit phototelegrams . .	—	—	—

Telegraph Statistics 1954

(Chapter VI)

Overseas Territories of the French Republic and Territories administered as such				Pakistan ¹⁾	Panama	Paraguay 1953	Philippines (Republic of the)
Madagascar and Dependencies	New Caledonia and Dependencies	St. Pierre and Miquelon Islands	Togo (Territory under French Trusteeship)				1953-1954 ¹⁾
888 703 ²⁾ —	30 878 —	2 117 —	40 000 —	3 192 064 —	783 562 —	234 355 —	—
13 280 13 049	9 798 8 493	— —	27 000 15 000	443 512 425 459	— —	102 744 102 109	
1 225 —	4 098 —	— —	15 000 —	306 —	— —	27 612 —	237 326 647
47 411 46 040	6 157 8 318	2 085 1 495	4 200 7 700	196 214 165 732	— —	11 181 9 952	39 539 28 142
23 389 —	5 903 —	— —	— —	3 544 —	— —	139 —	4 904 —
5 418 6 058	3 202 3 752	2 920 515	1 500 1 200	60 084 57 795	— —	263 156	
2 130 —	322 —	— —	— —	6 592 —	— —	— —	303 583 134

Telegraph Statistics 1954

(Chapters I—V)

Subject of the statistics	Philippines (Republic of the)	Portugal	Portuguese Oversea Provinces
	1954-1955 ⁵⁾		Angola
I. Population of the country by the latest census	19 234 182 ²⁾	8 441 000	4 145 184
II. Area of the country (in square kilometres)	299 400 ³⁾	91 721	1 246 700
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)	73	80	—
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)	143	69	29
b) Length (in kilometres) of submarine telegraph circuits			
① ②	1 312	—	1 265
2. Number of radiotelegraph circuits between fixed points	642	530	52
3. Number of phototelegraphy circuits:			
a) by wire	91	—	—
b) by wireless	5	9	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	476	1 149	163
b) of railway companies	29	—	107
c) of public companies	27	9	4
d) semaphore with telegraph service	—	—	—
Total	532	1 158	274
2. Number of fixed radiotelegraph stations:			
a) transmitting	209	238	29
b) receiving	209	239	29
3. Number of offices handling phototelegraph transmissions	91	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)	×	×	×
b) Wheatstone, Creed	×	o	×
c) Hughes	o	×	o
d) Baudot	o	o	o
e) Siemens (rapid printers)	o	o	o
f) Murray	o	o	o
g) Start-Stop	×	×	o
2. Number of start-stop apparatus in service	457	280	—
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit .	616	162	—
b) infra-acoustic or pulse	—	8	—
c) voice-frequency (channels)	130	80	—
d) super-acoustic	—	—	—
e) high-frequency carrier (channels)	14	—	—

Telegraph Statistics 1954

(Chapters I—V)

Portuguese Oversea Provinces							Rhodesia and Nyasaland (Federation of) ¹⁾
Cape Verde Islands	Macao	Mozambique	Portuguese Guinea	Portuguese India	Portuguese Timor	St. Thome and Principe	
147 097	200 000	5 738 911	510 777	637 591	442 378	60 940	7 071 600
4 033	15.5	771 125	36 125	3 983	18 990	964	1 251 300
—	—	7	—	58	—	—	90
—	—	—	—	—	—	—	—
—	—	35	11	1	—	—	56
—	—	—	—	0,3	—	—	—
—	9	11	10	—	8 ¹⁾	2	65
—	—	—	—	—	—	—	1
—	—	—	—	—	—	—	1
24	3	189	12	61	53 ²⁾	2	263
—	—	5	—	12	—	—	83
—	—	30	—	—	—	—	—
—	—	2	—	—	—	—	—
24	3	226	12	73	53	2	346
10	12	27	5	3	3 ³⁾	2	81
10	5	27	1	3	3 ³⁾	2	81
—	—	—	—	—	—	—	1
×	—	×	×	×	—	—	×
o	—	×	o	o	—	—	×
o	—	o	o	o	—	—	o
o	—	o	o	o	—	—	o
o	—	o	o	o	—	—	o
o	—	o	o	o	—	—	o
o	—	o	o	o	—	—	o
o	—	×	o	o	—	—	×
—	—	4	—	—	—	—	175
—	—	5	—	—	—	—	56
—	—	—	—	—	—	—	180
—	—	—	—	—	—	—	—
—	—	7	—	—	—	—	—

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Philippines (Republic of the)	Portugal	Portuguese Oversea Provinces
	1954-1955 ⁵⁾		Angola
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	/	2 118 048	/
b) number of outward phototelegrams		—	
2. <i>International European traffic (3):</i>			
a) number of outward telegrams		374 380	
b) number of inward telegrams		380 940	
c) number of transit telegrams (each telegram counted once only)		142 384	
d) number of outward, inward, and transit phototelegrams . .		48	
3. <i>International Extra-European traffic (4):</i>			
a) number of outward telegrams		234 404	
b) number of inward telegrams		309 136	
c) number of transit telegrams (each telegram counted once only)		557 227	
d) number of outward, inward, and transit phototelegrams . .		120	
B. Traffic of countries of the Extra-European system (4):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams		4 503 982	/
b) number of outward phototelegrams		—	
2. <i>Traffic with countries of the same continent (5):</i>			
a) number of outward telegrams		187 894	
b) number of inward telegrams		172 436	
c) number of transit telegrams (each telegram counted once only)		264 267	
d) number of outward, inward, and transit phototelegrams . .		157	
3. <i>Traffic with Europe (5):</i>			
a) number of outward telegrams		43 876	
b) number of inward telegrams		39 133	
c) number of transit telegrams (each telegram counted once only)		2 255	
d) number of outward, inward, and transit phototelegrams . .		—	
4. <i>Traffic with other continents (5):</i>			
a) number of outward telegrams		209 972	
b) number of inward telegrams		265 979	
c) number of transit telegrams (each telegram counted once only)		293 466	
d) number of outward, inward, and transit phototelegrams . .		1 489	

Telegraph Statistics 1954

(Chapter VI)

Portuguese Oversea Provinces							Rhodesia and Nyasaland (Federation of) ¹⁾
Cape Verde Islands	Macao	Mozambique	Portuguese Guinea	Portuguese India	Portuguese Timor	St. Thome and Principe	
/	/	/	/	/	/	/	/
39 562	82	300 413	29 590	51 683	10 194	2 256	850 003
—	—	—	—	—	—	—	—
2 035	10 116	117 760	2 575	76 929	2 758	1 220	793 521
3 059	18 741	129 874	2 091	84 377	2 719	1 549	699 285
—	593	834	6	—	20	—	100 100
—	—	—	—	—	—	—	—
10 461	3 485	70 012	6 916	13 752	3 531	7 906	199 855
8 739	3 007	57 030	5 720	12 451	2 318	5 446	140 255
—	49	1 517	—	—	23	36	31 606
—	—	—	—	—	—	—	10
678	1 907	11 222	175	6 031	687	89	64 642
963	2 088	12 383	178	8 729	547	147	54 010
—	1 909	53	—	—	19	—	52 636
—	—	—	—	—	—	—	—

Telegraph Statistics 1954

(Chapters I-V)

Subject of the statistics	Sarre	Spain	Sweden ¹⁾
I. Population of the country by the latest census	981 741	29 158 490	7 192 316 ²⁾
II. Area of the country (in square kilometres)	2 567	504 561	449 531
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)	4	—	393
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)	3	—	357 ³⁾
b) Length (in kilometres) of submarine telegraph circuits	—	7 240	3 283
① ②	—	74	22
2. Number of radiotelegraph circuits between fixed points	—	—	—
3. Number of phototelegraphy circuits:	—	—	27 ⁴⁾
a) by wire	—	—	7
b) by wireless	—	—	—
IV. Offices and Stations:			
1. Number of telegraph offices (including branch offices):			
a) of the Telegraph Administration	439	1 491	2 263
b) of railway companies	—	637	1 481
c) of public companies	—	3 164	—
d) semaphore with telegraph service	—	11	1
Total	439	5 303	3 745
2. Number of fixed radiotelegraph stations:	—	24	2
a) transmitting	—	24	1
b) receiving	—	—	—
3. Number of offices handling phototelegraph transmissions	—	—	1 ⁵⁾
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	x	x
b) Wheatstone, Creed	o	x	x
c) Hughes	o	x	o
d) Baudot	o	x	o
e) Siemens (rapid printers)	o	o	o
f) Murray	o	o	o
g) Start-Stop	x	x	x
2. Number of start-stop apparatus in service	14	1 294	462
3. Number of devices used in telegraphy:			
a) simultaneous earth or phantom or double-phantom circuit .	—	—	—
b) infra-acoustic or pulse	—	1	— ⁶⁾
c) voice-frequency (channels)	—	—	—
d) super-acoustic	—	—	—
e) high-frequency carrier (channels)	—	36	—

Telegraph Statistics 1954

(Chapters I-V)

Switzerland	Syrian Republic	Tunisia	Turkey	Union of South Africa ¹⁾	United Kingdom of Great Britain and Northern Ireland ¹⁾	United States of America	Viet-Nam
4 950 000	3 836 275	3 230 952 ¹⁾	20 934 670 ¹⁾	13 629 000	50 887 000	—	22 600 000
41 288	183 952	125 180	767 119	1 222 265	244 616	—	329 600
70	12	39	40	425	1 767	—	—
—	14	—	—	— ²⁾	—	—	—
120	76	20	2 241	180	1 752	—	—
—	—	—	187	—	19 188 ²⁾	—	—
26	14	6	13	9	64	—	42
32	—	—	—	3	31	—	—
8	—	1	—	2	32	—	—
3 914	63	246	1 094	3 572	12 750	—	68
137	—	3	334	—	— ³⁾	10 402	—
3	—	1	—	—	48	14 338	—
—	—	3	—	—	—	—	—
4 054	63	253	1 428	3 572	12 798	24 740	68
2	1	5	5	2	6	—	28
2	2	—	12	2	4	—	28
2	—	1	—	3	1	—	—
o	x	o	x	x	x	—	x
o	x	o	o	x	x	—	x
o	o	o	x	o	o	—	o
o	o	x	o	o	o	—	o
o	o	o	o	o	o	—	o
o	o	o	o	o	o	—	o
x	x	x	x	x	x	—	o
405	36	100	256	1 872	4 000 ⁴⁾	—	—
— ¹⁾	136	30	557	—	—	—	—
—	12	39	5	548	4 240	—	—
—	—	—	37	171	—	—	—

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Sarre	Spain	Sweden ¹⁾
VI. Traffic:			
A. Traffic of countries of the European system (3):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams	37 481	20 526 259	4 349 364 ⁷⁾
b) number of outward phototelegrams	—	—	—
2. <i>International European traffic (3):</i>			
a) number of outward telegrams	136 268 ¹⁾	1 049 609	1 244 759 ⁷⁾
b) number of inward telegrams	147 373 ¹⁾	1 125 571	1 209 494 ⁷⁾
c) number of transit telegrams (each telegram counted once only)	—	21 366	413 845
d) number of outward, inward, and transit phototelegrams . .	—	—	215
3. <i>International Extra-European traffic (4):</i>			
a) number of outward telegrams	2 482 ²⁾	152 245	239 451 ⁷⁾
b) number of inward telegrams	2 388 ²⁾	199 248	263 085 ⁷⁾
c) number of transit telegrams (each telegram counted once only)	—	2 322	166 766
d) number of outward, inward, and transit phototelegrams . .	—	—	86
B. Traffic of countries of the Extra-European system (4):			
1. <i>Internal traffic:</i>			
a) total number of outward telegrams			
b) number of outward phototelegrams			
2. <i>Traffic with countries of the same continent (5):</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>Traffic with Europe (5):</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 . .			
4. <i>Traffic with other continents (5):</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 . .			

Telegraph Statistics 1954

(Chapter VI)

Switzerland	Syrian Republic	Tunisia	Turkey	Union of South Africa ¹⁾	United Kingdom of Great Britain and Northern Ireland ¹⁾	United States of America	Viet-Nam
800 595 ²⁾			9 482 243		25 706 000		
—			—		—		
1 309 728 ²⁾			391 607		4 716 200		
1 370 643 ²⁾			313 137		4 512 800		
414 333			—		1 014 100		
180			—		3 000		
550 134 ²⁾			160 166		5 543 400		
622 288 ²⁾			108 681		5 733 400		
29 757			—		5 788 000		
466			—		7 000		
	383 493	138 188		11 592 799		144 233 257 ¹⁾	808 792
	—	—		1 143		—	—
	36 857			492 764			84 132
	35 293			563 768		20 231 061 ²⁾	66 160
	20 532			5 648		—	20 607
	—			42		—	—
	57 980			609 821			128 100
	59 735			560 349		— ⁴⁾	72 505
	2 323	— ²⁾		24 581		—	21 071
	—			465		—	—
	37 408			88 606			4 208
	41 280			48 567		— ⁴⁾	9 207
	—			—		—	4 201
	—			7		—	—

Telegraph Statistics 1954

(Chapters I—V)

Subject of the statistics	Yugoslavia	Zone of Spanish Protectorate in Morocco
I. Population of the country by the latest census	17 412 000	1 010 117
II. Area of the country (in square kilometres)	256 393	20 000
III. Telegraph Network:		
1. a) Number of telegraph circuits in service (except submarine circuits):		
1) voice-frequency telegraphy (each frequency for both direction is counted as one circuit)	189	—
2) multiplex, simplex and duplex apparatus (the number of circuits is half the number of sectors)	—	2
3) simple, simplex and duplex apparatus (each communication is counted as one circuit)	353	13
b) Length (in kilometres) of submarine telegraph circuits		
① ②	363	—
2. Number of radiotelegraph circuits between fixed points	51	—
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	2 788	—
b) of railway companies	—	—
c) of public companies	—	50
d) semaphore with telegraph service	—	—
Total	2 788	50
2. Number of fixed radiotelegraph stations:		
a) transmitting	24	1
b) receiving	38	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)	×	×
b) Wheatstone, Creed	×	o
c) Hughes	o	×
d) Baudot	o	×
e) Siemens (rapid printers)	o	o
f) Murray	o	o
g) Start-Stop	×	×
2. Number of start-stop apparatus in service	—	11
3. Number of devices used in telegraphy:		
a) simultaneous earth or phantom or double-phantom circuit	—	12
b) infra-acoustic or pulse	—	—
c) voice-frequency (channels)	101	—
d) super-acoustic	88	—
e) high-frequency carrier (channels)	—	—

Telegraph Statistics 1954

(Chapter VI)

Subject of the statistics	Yugoslavia	Zone of Spanish Protectorate in Morocco
VI. Traffic:		
A. Traffic of countries of the European system ③:		
1. <i>Internal traffic:</i>		
a) total number of outward telegrams	3 083 091	32 326
b) number of outward phototelegrams	—	—
2. <i>International European traffic ③:</i>		
a) number of outward telegrams	325 003	179 700
b) number of inward telegrams	378 949	160 758
c) number of transit telegrams (each telegram counted once only)	27 957 ¹⁾	44 364
d) number of outward, inward, and transit phototelegrams	—	—
3. <i>International Extra-European traffic ④:</i>		
a) number of outward telegrams	51 091	454
b) number of inward telegrams	58 158	658
c) number of transit telegrams (each telegram counted once only)	— ²⁾	1 267
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		
b) number of outward phototelegrams		
2. <i>Traffic with countries of the same continent ⑤:</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>Traffic with Europe ⑤:</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		
4. <i>Traffic with other continents ⑤:</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		

Telegraph Statistics 1954

Remarks

Australia (Commonwealth of). — ¹⁾ Period from 1 July 1953 to 30 June 1954. — ²⁾ Estimated as at 30 June 1954. — ³⁾ Including 1,132 machines installed on the premises of private-wire lessees. — ⁴⁾ Information not readily available. — ⁵⁾ Including radiotelegrams to ships at sea and radio stations in the Pacific and to other adjacent islands. — ⁶⁾ The number of telegrams cannot be indicated; the figures quoted represent traffic expressed by the number of words. — ⁷⁾ Traffic for New Zealand, the Fiji Islands and Pacific islands. — ⁸⁾ Traffic from New Zealand, the Fiji Islands and Pacific islands. — ⁹⁾ No separate statistics are kept for this traffic. —

- ¹⁰⁾ 15,779,924 words for the United Kingdom;
 2,921,587 " " " United States of America; and
 11,066,534 " " " other countries.
- ¹¹⁾ 21,795,205 words from the United Kingdom;
 2,820,064 " " " United States of America; and
 10,063,800 " " " other countries.

Belgian Congo and Territory of Ruanda-Urundi. — ¹⁾ The population is distributed as follows:

Belgian Congo:	Negroes:	12,026,159	Others:	91,276
Ruanda-Urundi:	Negroes:	4,100,000	Others:	7,481

²⁾ Circuits served by TOR time division multiplex radiotelegraphy. — ³⁾ In previous statistics, the number of telegraph offices included only offices equipped with wire installations. As from the 1954 statistics, the figure includes all offices accepting telegrams. — ⁴⁾ Telegrams of the aeronautical service are not included in these figures.

Belgium. — ¹⁾ Telex data, but not leased circuit data, have been included in the statistics.

British West Africa:

Gold Coast. — ¹⁾ Including Togoland under United Kingdom Trusteeship. — ²⁾ Period from 1 April 1954 to 31 March 1955.

Cambodia. — ¹⁾ Including traffic with Europe and other continents. — ²⁾ See note ¹⁾.

Canada. — ¹⁾ Including traffic with the countries of the same continent. — ²⁾ Included under 1 a). — ³⁾ Included under 4 a). — ⁴⁾ Included under 4 b). — ⁵⁾ Including traffic with Europe.

Ceylon. — ¹⁾ Period from 1 October 1953 to 30 September 1954. — ²⁾ Census of 31 December 1954. — ³⁾ Traffic with India and Burma and with Pakistan (via India). — ⁴⁾ See note ⁵⁾. — ⁵⁾ Including traffic with Europe and Asia.

Denmark (including the Faroes and Greenland). — ¹⁾ Population of the Faroes: 31,664; population of Greenland: 24,015. — ²⁾ Area of Faroes: 1,399 sq. km.; area of Greenland: 2,175,600 sq. km. — ³⁾ Used for communication with public telegraph circuits and for communications with leased telegraph circuits and with telex circuits. — ⁴⁾ Including 81 offices operated by the local Faroe Islands Administration and 44 offices operated by the Greenland Administration. — ⁵⁾ Eliminated at the end of April 1954. — ⁶⁾ Including 30 Greenland stations. Radiotelegraph stations in Greenland can normally communicate between themselves. — ⁷⁾ Namely:

797 machines with telex subscribers;
 300 machines with lessees of telegraph circuits;
 218 machines in telegraph offices providing the public telegraph service.

Egypt (3rd Region). — ¹⁾ Total length of circuit Port Sudan-Djeddah: 300 km.

Federal German Republic.

- ¹⁾ 15,463,494 telegrams for the Federal Republic;
 744,949 " " " Democratic Republic;
 808,163 " " " Berlin;
 1,266,941 " " " from the Democratic Republic;
 977,672 " " " Berlin.

Telegraph Statistics 1954

Finland. — ¹⁾ Phototelegrams are transmitted over telephone circuits borrowed for each occasion. — ²⁾ 126 of these stations are not open for public traffic.

France (including Algeria, French Guiana, Guadeloupe, Martinique and Reunion). — ¹⁾ Including the French Departments Overseas and Algeria. — ²⁾ Phototelegrams are transmitted on telephone circuits borrowed from the administration in the particular relation. — ³⁾ Traffic of French Guiana, Guadeloupe, Martinique and Reunion.

Greece. — ¹⁾ 1951 census. — ²⁾ 641 telecommunication offices and 3,045 communal telephone stations; the telegraph traffic of these stations is passed by telephone through the nearest telecommunication offices.

India. — ¹⁾ Period from 1 April 1954 to 31 March 1955.

Indonesia (Republic of). — ¹⁾ Estimate.

Ireland. — ¹⁾ Period from 1 April 1954 to 31 March 1955. — ²⁾ 1951 census. — ³⁾ Under control of the Telegraph Administration.

Israel (State of). — ¹⁾ Period from 1 April 1954 to 31 March 1955. — ²⁾ Phototelegrams may be handed in at any telegraph office.

Japan. — ¹⁾ Estimate by the Bureau of Statistics. — ²⁾ Information supplied by the Geographical Survey Institute as at 1 January 1955. — ³⁾ Including facsimile circuits. — ⁴⁾ Separate figures unavailable. — ⁵⁾ Not including 39 channels of the Japanese National Railways. — ⁶⁾ Including facsimile.

Jordan. — ¹⁾ Period from 1 April 1954 to 31 March 1955.

Luxembourg. — ¹⁾ Within the Grand Duchy, telegrams are transmitted by telephone.

Mexico. — ¹⁾ Long-distance telephone lines are used; they are connected to the offices direct. — ²⁾ Total international outgoing traffic, information in this detailed form being unavailable. — ³⁾ Total international incoming traffic, information in this detailed form being unavailable. — ⁴⁾ Total transit telegrams, information in this detailed form being unavailable. — ⁵⁾ Total international incoming and outgoing phototelegrams, information in this detailed form being unavailable. — ⁶⁾ See note ²⁾. — ⁷⁾ See note ³⁾. — ⁸⁾ See note ⁴⁾. — ⁹⁾ See note ⁵⁾.

Monaco. — ¹⁾ Includes the whole of the traffic exchanged between Monaco and all countries of the French internal system.

Netherlands, Surinam, Netherlands Antilles, New Guinea.

Netherlands. — ¹⁾ Census of 31 December 1954. — ²⁾ Area as at 31 December 1954.

Surinam. — ¹⁾ Included in 2 a) and b). — ²⁾ Included in 3 a) and b).

Netherlands Antilles. — ¹⁾ No figures for the traffic of private operating agencies available.

Netherlands New Guinea. — ¹⁾ Approximately. The number of natives is 700,000, of whom 376,532 are in areas administered by the Central Government direct. — ²⁾ Approximately. — ³⁾ Telegrams are transmitted by radio.

New Zealand. — ¹⁾ Period from 1 April 1954 to 31 March 1955. — ²⁾ No record available. — ³⁾ No separate record is kept of this traffic. — ⁴⁾ Including outgoing telegrams for countries of the same continent and for Europe. — ⁵⁾ Including incoming telegrams from countries of the same continent and from Europe.

Norway. — ¹⁾ Period from 1 July 1953 to 30 June 1954. — ²⁾ Census of 1 December 1950. At 31 December 1953, the number of inhabitants of Norway was 3,375,870. — ³⁾ Refers only to the network operated by the Telegraph Administration. — ⁴⁾ There are 13 telex exchanges with 327 subscribers. 148 telex circuits are included in these figures. — ⁵⁾ There are also 22 circuits with transmission partly by system 1. a) 1) and system 1. a) 3). — ⁶⁾ Phototelegrams are transmitted on telephone circuits borrowed for each occasion. — ⁷⁾ Not including 346 machines on the premise of telex subscribers. — ⁸⁾ Paid traffic only.

Telegraph Statistics 1954

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

French West Africa. — ¹⁾ Paid traffic only. The figures for 1953 included non-productive traffic.

Madagascar and Dependencies. — ¹⁾ 13 permanent circuits only. The others are operated for stated periods. — ²⁾ Namely, 483,245 private telegrams, 140,911 service telegrams and 264,547 official telegrams.

Pakistan. — ¹⁾ Period from April 1954 to March 1955.

Philippines (Republic of the). — ¹⁾ Period from 1 July 1953 to 30 June 1954. — ²⁾ Census of 1 October 1948. — ³⁾ Land area. — ⁴⁾ Other systems of apparatus are used, such as Boehme, ETC Regenerator. — ⁵⁾ Period from 1 July 1954 to 30 June 1955.

Portuguese Oversea Provinces:

Portuguese Timor. — ¹⁾ 3 inland and 5 international circuits. — ²⁾ The telegraph service is provided by the telephone stations. — ³⁾ 2 receiving-transmitting stations for inland service, 1 for abroad.

Rhodesia and Nyasaland (Federation of). — ¹⁾ The Administrations of the three territories Northern Rhodesia, Nyasaland and Southern Rhodesia were amalgamated as the Administration of the Federation of Rhodesia and Nyasaland with effect from 1st July, 1954.

The statistics given at I. to V. are those existing at the end of the administrative year, but the statistics given at VI. B have been estimated on the assumption that the Federation was in existence throughout the administrative year, and cannot be regarded as accurate.

Sarre. — ¹⁾ Including traffic with Algeria and the French Protectorates of Morocco and Tunisia. — ²⁾ Not including traffic with Algeria and the French Protectorates of Morocco and Tunisia.

Sweden. — ¹⁾ Period from 1 July 1953 to 30 June 1954. — ²⁾ Census of 31 December 1953. At 31 December 1954, the number of inhabitants of Sweden was 7,234,664. — ³⁾ Refers only to the network operated by the Telecommunication Administration. — ⁴⁾ Phototelegrams are transmitted over telephone circuits borrowed for each occasion. — ⁵⁾ Phototelegrams may be handed in at all the main telecommunication offices and may also be addressed to any of these offices. — ⁶⁾ Not available. — ⁷⁾ Paid telegrams only. There were 47,985 internal, 75,552 international outgoing and 74,224 international incoming service telegrams. — ⁸⁾ Moreover, 8,110 paid telegrams were transmitted exclusively over railway telegraph lines.

Switzerland. — ¹⁾ Not available. — ²⁾ Including the foregoing telegrams of the Principality of Liechtenstein, operated by the Swiss Administration:

Outgoing internal telegrams	2,107
Telegrams sent abroad	8,007
Telegrams received from abroad	9,482.

Tunisia. — ¹⁾ 1946 census. — ²⁾ Traffic with continental France, Corsica, Algeria, the Principality of Monaco, the Territory of the Sarre, Andorra, the French Protectorate of Morocco and Tangier (over French channels) amounted to 339,992 outgoing telegrams, 322,092 incoming telegrams and 61 phototelegrams. With all other countries (European and extra-European systems) the traffic was 54,969 outgoing and 53,252 incoming telegrams.

Turkey. — ¹⁾ 1950 census.

Union of South Africa. — ¹⁾ Period from 1 April 1953 to 31 March 1954. — ²⁾ H. F. systems form an important part of the Union of South Africa telegraph network, the number of circuits provided by these systems being 171.

United Kingdom of Great Britain and Northern Ireland. — ¹⁾ Period from 1 April 1954 to 31 March 1955. — ²⁾ Represents Government-owned cables only. — ³⁾ Details not available. All railway stations are authorized to accept public telegraph correspondence. — ⁴⁾ Represents Government-owned apparatus only. — ⁵⁾ Including international telegraph traffic dealt with entirely by private operating companies.

United States of America. — ¹⁾ Including telegrams to and from Canada, Mexico, St. Pierre and Miquelon. — ²⁾ Not including telegrams to and from Canada, Mexico, St. Pierre and Miquelon. — ³⁾ Total international traffic. — ⁴⁾ See note ³⁾.

Yugoslavia. — ¹⁾ Including transit telegrams in the extra-European system. — ²⁾ See note ¹⁾.