

Post Office Telecommunications

6.1

# Statistics 1978

Telecommunications Statistics 1978

Printed by Moore & Matthes (Printers) Ltd, London EC1V

© Copyright The Post Office 1978

**TELECOMMUNICATIONS  
STATISTICS  
1978**

Post Office Telecommunications Headquarters  
Telecommunications Management Services Department  
(THQ/TMS 5.2)  
2-12 Gresham Street  
London EC2V 7AG.

© Post Office 1978

# CONTENTS

	Page		Page
NOTES .....	4		
DEFINITIONS .....	5		
<b>TELEPHONES</b>			
<b>STATIONS</b>			
Annual Totals and Net Annual Increase .....	6		
Annual Totals by Rental Classification .....	7		
Annual Totals by Type of Exchange .....	8-9		
<b>EXCHANGE CONNEXIONS</b>			
Annual Totals and Net Annual Increase .....	10		
Demand and Supply .....	11		
Annual Totals by Rental Classification .....	12		
Annual Totals Shared Service .....	13		
Public Telephone Call Offices .....	14		
Annual Totals by Type of Exchange .....	16-17		
<b>EQUIPMENT AND LINE PLANT</b>			
Exchanges by Type and Size .....	18-21		
Number of Exchanges of Each Type .....	22-23		
Exchange Plant — Total and Spare Capacity .....	24-25		
Subscribers' Cables, Cross connexion and Distribution Points .....	26		
Trunk Lines .....	27		
<b>TRAFFIC</b>			
Number of Originated Effective Calls .....	28-29		
Analysis of External Calls .....	30-31		
Growth of Originated Effective Calls .....	32		
Annual Calling Rate .....	33		
Analysis of Inland Trunk Calls .....	34-35		
Calls to Information Services .....	36		
<b>TELEGRAPHS</b>			
<b>EQUIPMENT</b>			
V.F. Systems and Channels .....	37		
<b>TRAFFIC</b>			
Inland Service .....	38		
External Service .....	39-41		
<b>TELEX</b>			
Traffic .....	42-43		
Exchanges and Connexions .....	44		
<b>DATEL</b>			
Datel Services .....	44		
<b>MANPOWER</b>			
Deployment .....	45		
Functional Disposition .....	46		
<b>MOTOR TRANSPORT</b> .....			47
<b>FINANCE</b>			
Expenditure and Income .....			48-59
Fixed Assets .....			60-61
<b>HISTORICAL</b>			
Telephone Tariffs and Services .....			62-81
Telegraph Tariffs and Services .....			82-85
Telex Tariffs and Services .....			86-89
Telecommunications — Growth and Development .....			90-97

## NOTES

The statistics quoted relate to the year ended, or the position at, 31st March, unless otherwise indicated in the tables.

**AREA COVERED.** All statistics relate to the United Kingdom of Great Britain including Northern Ireland and the Isle of Man but excluding Kingston-upon-Hull, and, since 1972 the Channel Islands except where otherwise stated.

**SYMBOLS.** The following symbols are used throughout:—

.. = not available.

— = nil, or negligible.

ó = Figure amended since previous issue.

**CHANGE OF BASIS.** A line drawn across a column between two consecutive figures indicates that the figures above and below the line have been compiled on different bases and are not strictly comparable.

**INTERVENING YEARS.** For reasons of brevity, the information shown in the tables is restricted to that for every fifth year prior to 1970. However, in most cases figures for the intervening years are available and may be obtained from the address shown on page 1.

**ROUNDED FIGURES.** Where figures have been rounded the total may not be the exact sum of individual parts.

**QUALITY OF TELEPHONE SERVICE.** A separate booklet is published of telephone service performance statistics. Copies may be obtained from Telecommunications Management Services Department (THQ/TMS5.2) 2-12 Gresham Street, London EC2 7AG.

## DEFINITIONS

**Acoustic Booth.** A Telephone Cabinet (qv) consisting of an acoustic screen and a telephone.

**Auto-Manual Centre.** A switchboard associated with one or more exchanges for the purpose of handling calls from customers.

**Business Rate Customer.** A customer whose telephone is installed on premises used solely or mainly for business. (If the customer conducts business from his residence and uses his telephone substantially for business, he may be rated as a business customer.)

**Call Office.** A telephone provided by the Post Office generally accessible to the public on the highway, in Post Offices or on private property, from which calls may be made by payment of the required fee through a coin-box, or to an attendant.

**Charging Group.** A group of exchanges having a common local call area and the same call-charge point.

**Datel Services.** Datel Services provide customers with data transmission facilities for various speed ranges using Post Office circuits, either leased or switched, and where necessary Modulators—Demodulators (Modems).

Where a customer leases a private circuit and provides his own Modems, this is not regarded as a Datel Service.

**Dedicated Main Network Switching Centre:** A main network switching centre physically and functionally separate from any local exchange.

**Effective Call.** A call is effective when it is answered at the other end.

**Exchange Connexion.** Each exclusive exchange line and each shared line customer counts as one exchange connexion.

**Exchange Station.** Each telephone instrument which can be connected with a public exchange is an exchange station. Where a customer has a private branch exchange, each telephone at an extension point is an exchange station.

**Inland Telegram Traffic.** Telegrams accepted for delivery by the Post Office, including those accepted and forwarded for delivery within the Channel Islands and to the Isle of Man.

**Inland Telephone Calls.** Telephone calls between Post Office customers and to and from customers connected to the Kingston-upon-Hull telephone system, plus calls to customers connected to the Republic of Ireland and Channel Islands systems.

**Inland Telex Calls.** Calls between telex terminals connected to the Post Office system, including telex terminals in the Channel Islands.

**International Direct Dialling (IDD).** A system providing for international calls to be obtained by dialling and without the intervention of an operator.

**Local Call.** A call between customers who are situated in the same or adjacent charging groups. (In certain places where neighbouring charging groups are separated by natural features, eg estuaries, they have been classed as "non-adjacent" for the purposes of the call tariff.)

**Local Exchange.** A public exchange through which customers and call office users can be connected with each other and with customers on other public exchanges.

**Private Circuit Stations.** A telephone instrument which can be connected with other instruments via a customer's private circuit but not via a public exchange.

**Residence Rate Customer.** A customer whose telephone is installed in his private residence and is used solely or mainly for social as distinct from business calls.

**Shared Service Customer.** A customer who shares a line to the exchange with another customer, but has a separate telephone instrument and telephone number.

**Subscriber Trunk Dialling (STD).** A system providing for trunk calls to be obtained by customers by dialling and without the intervention of an operator.

**Telephone Cabinet.** A structure, similar to a Telephone Kiosk (qv), not on the public highway but located under cover in Post Offices, at railway stations, etc.

**Telephone Kiosk.** A special structure on the highway, containing a public coin-box telephone, and usually accessible to callers at all times of the day or night.

**Telephone Station.** A telephone set provided for the use of a customer or renter.

**Telephone Customer.** A person who rents a Post Office telephone connected with a Post Office telephone exchange either directly or through a Private Branch Exchange. (One customer may have two or more telephones with different numbers and at more than one address.)

**Telex Service.** The telex service is a means of typewritten communication between customers. Calls can be made by direct dialling within the United Kingdom and to certain other countries; where dialling facilities are not available calls are connected by the London switchboard operator.

**Trunk Call.** A call between customers situated in charging groups that are not adjacent.

**Trunk Subscriber Line.** An exchange line provided direct to an auto-manual centre.

TELEPHONE STATIONS

Total Number, New, Ceased and Net Annual Increase

(Customers' call office, PO service, private circuit, Radiophone, trunk subscriber stations)

(Thousands)

Year ended 31st March	Total Stations at end of year	New Stations installed during year	Stations ceased during year	Net Increase during year	% Net Increase on total at beginning of year	Ratio of Stations to connexions at end of year
1915	804	102	64	38	4.9	..
1920	915	141	74	67	7.9	..
1925	1 285	195	69	126	10.9	1.61
1930	1 896	234	106	128	7.2	1.59
1935	2 388	312	150	163	7.3	1.59
1940	3 339	410	307	103	3.2	1.62
1945	3 889	371	246	125	3.3	1.74
1950	5 171	625	373	252	5.1	1.65
1955	6 491	721	365	355	5.8	1.62
1960	7 856	930	600	330	4.4	1.64
1965	9 980	1 562	947	615	6.6	1.66
1970	13 959	2 337	1 290	1 047	8.1	1.63
1971	14 979	2 483	1 463	1 020	7.3	1.63
1972	16 157	2 689	1 510	1 179	7.9	1.61
1973	17 600	2 994	1 557	1 437	8.9	1.61
1974	19 137	3 075	1 539	1 537	8.7	1.61
1975	20 389	3 007	1 757	1 250	6.5	1.61
1976	21 092	2 991	2 289	703	3.5	1.59
1977	21 739	3 123	2 140	984	4.7	1.58
1978	23 261	3 598	2 076	1 521	7.0	1.54

TELEPHONE STATIONS

Analysis of Total Stations

At 31st March	Business rate stations		Residence rate stations		Call office stations		PO Service stations		Private circuit stations		Radiophones	
	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total
1925	968	75.4	252	19.6	19	1.5	16	1.2	30	2.3	-	-
1930	1 323	69.8	493	26.0	31	1.6	20	1.1	29	1.5	-	-
1935	1 579	66.1	709	29.7	43	1.8	30	1.2	28	1.2	-	-
1940	1 977	59.2	1 217	36.5	50	1.5	57	1.7	38	1.1	-	-
1945	2 442	62.8	1 266	32.6	53	1.4	69	1.8	59	1.4	-	-
1950	3 151	60.9	1 837	35.5	56	1.1	78	1.5	49	1.0	-	-
1955	3 756	57.9	2 526	38.9	66	1.0	88	1.4	55	0.8	-	-
1960	4 385	55.8	3 229	41.1	74	1.0	101	1.3	66	0.8	-	-
1965	5 348	53.6	4 332	43.4	75	0.7	128	1.3	97	1.0	-	-
1970	6 827	48.9	6 768	48.5	75	0.5	174	1.2	115	0.8	1	-
1971	7 126	47.6	7,472	49.9	76	0.5	184	1.2	121	0.8	1	-
1972	7 434	46.0	8 321	51.5	76	0.5	194	1.2	133	0.8	1	-
1973	7 876	44.8	9 282	52.7	76	0.4	207	1.2	159	0.9	1	-
1974	8 387	43.8	10 266	53.6	77	0.4	223	1.2	192	1.0	2	-
1975	8 792	43.1	11 090	54.4	77	0.4	233	1.1	195	1.0	2	-
1976	8 941	42.4	11 622	55.1	77 <sup>6</sup>	0.4	244	1.1	205	1.0	3	-
1977	8 751	40.3	12 480	57.4	77	0.3	208	1.0	219	1.0	4	-
1978	9 057	39.0	13 667	58.8	77	0.3	215	0.9	239	1.0	5	-

TELEPHONE STATIONS

Exchange Stations served by each type of Exchange

At 31st March	Manual exchanges		Automanual exchanges		Automatic exchanges																	Total Automatic Number (Thousands)	% of Grand Total					
	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Strowger								Crossbar		Mixed Strowger/Crossbar		Electronic							Mixed Strowger/ Electronic				
					Director		Non-Director		UAX and SAX		Total		Director Number (Thousands)	% of Grand Total	Total Number (Thousands)	% of Grand Total	Total Number (Thousands)	% of Grand Total	Director		Non-Director			Total		Total		
					Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total							Number (Thousands)	% of Grand Total	Number (Thousands)			% of Grand Total	Number (Thousands)	% of Grand Total	Number (Thousands)	% of Grand Total
1920	842	97.0	-	-	-	-	-	-	-	-	26	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	3.0
1925	1 190	95.9	-	-	-	-	50	4.1	-	-	51	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51	4.1
1930	1 448	78.1	-	-	154	8.3	249	13.5	3	0.1	406	21.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	406	21.9
1935	1 395	59.1	-	-	504	21.4	415	17.6	45	1.9	965	40.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	965	40.9
1940	1 306	39.7	-	-	1 008	30.3	758	23.0	230	7.0	1 995	60.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1 995	60.3
1945	1 326	34.7	-	-	1 190	31.0	959	25.0	356	9.3	2 504	65.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2 504	65.3
1950	1 506	29.4	-	-	1 719	33.6	1 341	26.2	556	10.9	3 616	70.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3 616	70.6
1955	1 531	23.8	-	-	2 307	35.8	1 785	27.7	814	12.7	4 905	76.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4 905	76.2
1960	1 439	18.5	-	-	2 840	36.4	2 422	31.1	1 088	14.0	6 351	81.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6 351	81.5
1965	869	8.8	-	-	3 693	37.4	3 896	39.4	1 425	14.4	9 014	91.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9 014	91.2
1970	198	1.4	-	-	5 028	36.3	6 724	48.6	1 832	13.2	13 584	98.1	26	0.19	26	0.19	-	-	-	-	36	0.26	36	0.26	-	-	13 645	98.6
1971	176	1.2	1	-	5 329	35.9	7 298	49.1	1 849	12.4	14 476	97.4	98	0.66	98	0.66	-	-	-	-	106	0.71	106	0.71	-	-	14 680	98.8
1972	161	0.9	1	-	5 639	35.2	7 919	49.4	1 809	11.3	15 368	95.9	39	1.5	244	1.5	-	-	-	-	251	1.6	251	1.6	-	-	15 863	99.0
1973	143	0.7	1	-	5 977	34.2	8 686	49.8	1 665	9.5	16 327	93.6	67	2.7	496	2.8	-	-	-	-	473	2.7	473	2.7	-	-	17 297	99.2
1974	80	0.4	1	-	6 283	33.1	9 528	50.3	1 613	8.5	17 423	91.9	53	3.5	686	3.6	28	0.1	-	-	650	3.4	650	3.4	-	-	18 872	99.6
1975	26	-	1	-	6 517	32.3	10 066	49.9	1 548	7.7	18 131	89.8	09	5.0	1 144	5.7	33	0.2	-	-	820	4.1	820	4.1	35	0.2	20 163	99.9
1976	2	-	1	-	6 695	31.7	9 947	47.2	1 523	7.2	18 165	86.1	65	6.0	1 539	7.3	143	0.7	1	-	968	4.6	968	4.6	66	0.3	20 882	99.9
1977	-	-	1	-	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	21 738	100.0
1978	..	..	1	-	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	23 260	100.0

EXCHANGE CONNEXIONS

Total Number, New, Ceased and Net Annual Increase

(Customer's, call office, PO service, trunk subscriber)

Year ended 31st March	Total Connexions at end of year *	New Connexions intalled during year †	Connexions ceased during year	Net Increase during year	Percentage Net Increase ‡
		(Thousands)			
1925	799	..	..	78	10.9
1930	1 196	..	..	78	7.0
1935	1 504	227	117	110	7.9
1940	2 061	237	223	14	0.7
1945	2 231	151	101	50	2.3
1950	3 140	356	235	121	4.0
1955	4 007	419	182	237	6.3
1960	4 784	430	252	178	3.9
1965	6 030	720	310	410	7.3
1970	8 551	1 042	359	683	8.7
1971	9 214	1 085	422	664	7.8
1972	10 028	1 297	483	814	8.8
1973	10 947	1 421	502	919	9.2
1974	11 904	1 457	500	957	8.7
1975	12 699	1 349	554	795	6.7
1976	13 230	1 272	740	532	4.2
1977	13 963	1 423	692	731	5.5
1978	15 073	1 753	643	1 110	8.0

\* Exchange lines prior to 1931.  
 † From 1970 same as "New Supply", see page 11.  
 ‡ On total at the beginning of the year.

EXCHANGE CONNEXIONS

Demand and Supply

(Thousands)

Year ended 31st March	Net Demand §			Take-overs †			New Supply ‡		
	Business *	Residence	Total *	Business *	Residence	Total *	Business *	Residence	Total *
1966	232	629	861	72	222	294	233	575	808
1970	304	803	1 106	82	360	442	291	751	1 042
1971	306	783	1 090	91	442	533	305	780	1 085
1972	360	1 083	1 443	95	475	570	340	957	1 297
1973	398	1 033	1 431	102	476	578	378	1 043	1 421
1974	408	948	1 356	101	482	582	397	1 060	1 457
1975	361	942	1 303	112	566	678	376	973	1 349
1976	335	831	1 166	97	682	779	368	904	1 272
1977	342	1 083	1 425	86	685	771	347	1 076	1 423
1978	376	1 504	1 881	88	793	882	360	1 394	1 753

\* As from 1970, includes P.O. Service and Call Office connexions.  
 § Net Demand — all orders for exchange connexions, including those placed on the waiting list, less cancellations and take-overs.  
 † Take-overs — existing connexions taken over, whether or not there has been a break in service.  
 ‡ New Supply — new connexions supplied needing line and/or instrument.

EXCHANGE CONNEXIONS

Analysis of Total Exchange Connexions

At 31st March	Business rate connexions		Residence rate connexions		Call Office connexions (See Page 14)		PO Service connexions		Rented coinbox connexions	
	Total (Thousands)	% of Grand Total	Total (Thousands)	% of Grand Total	Total (Thousands)	% of Grand Total	Total (Thousands)	% of Grand Total	Business rate (included in total business rate connexions) (Thousands)	Residence rate (included in total residence rate connexions) (Thousands)
1935	837	55.6	603	40.1	43	2.83	15	1.03	..	..
1940	963	46.7	1 016	49.3	50	2.44	30	1.46	..	..
1945	1 044	46.8	1 096	49.2	53	2.37	36	1.63	..	..
1950	1 455	46.4	1 588	50.6	56	1.79	39	1.25	..	..
1955	1 690	42.2	2 198	54.8	66	1.65	53	1.32	..	..
1960	1 855	38.8	2 792	58.4	74	1.54	63	1.32	..	..
1965	2 124	35.2	3 755	62.3	75	1.24	76	1.26	94	24
1970	2 491	29.1	5 888	68.9	75	0.88	96	1.12	118	30
1971	2 545	27.6	6 494	70.5	76	0.82	100	1.08	122	32
1972	2 629	26.2	7 218	72.0	76	0.76	105	1.04	131	35
1973	2 748	25.1	8 014	73.2	76	0.70	109	1.00	140	38
1974	2 897	24.3	8 816	74.1	77	0.60	114	1.00	150	41
1975	2 984	23.5	9 520	75.0	77	0.60	118	0.93	157	45
1976	3 001	22.7	10 031	75.8	77	0.58	122	0.92	168	48
1977	3 048	21.8	10 707	76.7	77	0.55	130	0.95	180	57
1978	3 133	20.8	11 729	77.8	77	0.51	134	0.89	192	63

EXCHANGE CONNEXIONS

Shared Service

At 31st March	Shared service exchange connexions						Grand Total * (Thousands)
	Business Rate			Residence Rate			
	Total (Thousands)	% of		Total (Thousands)	% of		
		Total shared service connexions	Total business rate connexions		Total shared service connexions	Total residence rate connexions	
1935	1	49.0	0.11	1	51.0	0.15	2
1940	—	41.7	0.01	—	58.3	0.01	—
1945	1	26.7	0.08	2	73.3	0.20	3
1950	58	26.9	3.96	156	73.0	9.84	214
1955	143	15.6	8.48	773	84.3	35.20	917
1960	128	11.3	6.89	1 003	88.6	35.92	1 132
1965	92	7.8	4.34	1 084	92.2	28.87	1 177
1970	58	3.7	2.32	1 506	96.2	25.57	1 565
1971	53	3.1	2.06	1 663	96.9	25.61	1 716
1972	49	2.6	1.86	1 834	97.3	25.40	1 884
1973	45	2.2	1.64	1 992	97.7	24.74 $\phi$	2 029
1974	41	2.0	1.42	2 045	97.9	23.20	2 088
1975	38	1.8	1.26	2 065	98.1	21.70	2 105
1976	31	1.6	1.04	1 886	98.3	18.80	1 918
1977	25	1.5	0.82	1 707	98.5	15.94	1 733
1978	21	1.3	0.67	1 558	98.7	13.28	1 579

\* Differences between the sum of the Business and Residence Rate totals and grand total shared service connexions are Post Office shared service connexions..



EXCHANGE CONNEXIONS

Public Telephone Call Offices

At 31st March	Kiosks				Cabinets	"Open" call offices e.g., rural railway stations	Total call offices	Year ended 31st March	
	Urban areas *	Rural allocation	Total rural †	Total kiosks				‡ Total receipts (£ Thousands)	Average receipts per call office (£ p)
1925	..	..	..	1 076	..	..	18 807	782	41.58
1930	..	..	..	8 040	..	..	31 059	1 081	34.80
1935	..	..	..	19 134	..	..	42 529	1 492	35.08
1940	..	..	..	34 409	..	..	50 346	2 175	43.20
1945	..	..	..	36 519	..	..	52 782	4 488	85.03
1950	28 392	98	15 494	43 886	9 402	2 855	56 143	5 285	94.13
1955	35 838	3 212	20 327	56 165	8 371	1 641	66 177	7 905	119.45
1960	41 484	5 546	23 908	65 392	7 885	462	73 739	12 643	171.46
1965	43 363	6 081	25 076	68 439	6 125	200	74 764	18 162	242.92
						Acoustic Booths §			
1970	44 347	6 169	25 493	69 840	5 178	303	75 321	29 503	391.70
1971	44 980	6 234	25 488	70 468	4 981	350	75 799	30 720	405.28
1972	45 314	6 942	25 475	70 789	4 706	410	75 905	35 199	463.72
1973	45 755	6 868	25 456	71 211	4 378	692	76 281	39 274	520.39
1974	46 385	6 918	25 368	71 753	4 088	759	76 600	41 700	544.38
1975	46 187	6 305	25 866	72 053	3 883	851	76 787	44 155	574.90
1976	46 930	6 816	25 750	72 680	3 677	864	77 221	56 180	729.60
1977	47 319	6 516	25 598	72 917	3 325	960	77 202	60 811	787.60
1978	47 872	6 885	25 164	73 036	3 140	1 110	77 286	62 849	813.64

\* Within administrative area of a County Borough, Borough or Urban District (Subject to †) up to 31.3.74.

† Within administrative area of a Rural District Council. May also include Urban Districts at General Managers' discretion, up to 31.3.74.  
As from 1.4.74 Rural District Councils abolished (Local Govt. Act 1972).  
In general terms URBAN now refers to those Kiosks situated in Towns or built-up areas.  
All others are classified as RURAL at General Managers' discretion.

‡ Includes call office transferred charges from 1956.

§ "Open" call offices obsolete from 31st March 1970.

**EXCHANGE CONNEXIONS**

**Exchange Connexions served by each type of exchange**

Number of exchange connexions on:—

At 31st March	Manual Exchange ‡		Automanual Exchanges		AutoExchanges																						% of connexions with					
	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Strowger								Crossbar				Mixed Crossbar/ Strowger		Electronic						Mixed Strowger/ Electronic				Total Automatic			
					Director		Non-Director		UAX, SAX † & IAX		Total		Direct		Non-Director		Total		Non-Director		Director		Non-Director		Total		Non-Director		Number (Thsnds)	% of Grand Total	STD	IDD
					Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total	Number (Thsnds)	% of Grand Total				
1935	922	61.5	..	..	277	18.4	264	17.6	38	2.5	578	38.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	578	38.5	—	—
1940	883	42.8	—	—	530	25.7	473	23.0	174	8.5	1 178	57.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 178	57.2	—	—	
1945	828	37.2	2	0.1	634	28.4	534	23.9	231	10.4	1 398	62.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1 398	62.7	—	—	
1950	959	31.6	2	0.1	921	30.3	776	25.6	375	12.4	2 071	68.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 071	68.3	—	—	
1955	1 030	25.7	2	0.1	1 309	32.7	1 098	27.4	568	14.2	2 975	74.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 975	74.3	—	—	
1960	959	20.1	2	0.03	1 615	33.7	1 458	30.5	750	15.7	3 823	79.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3 823	79.9	0.16	—	
1965	565	9.4	1	0.02	2 107	35.0	2 374	39.4	982	16.3	5 463	90.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5 463	90.6	55.1	30.1	
1970	128	1.5	1	0.01	2 906	34.0	4 241	49.6	1 233	14.4	8 380	98.0	—	18	0.21	18	0.21	—	—	—	—	24	0.28	24	0.28	—	—	8 422	98.5	85.8	33.7	
1971	111	1.2	1	0.01	3 080	33.4	4 589	49.8	1 289	14.0	8 958	97.2	—	71	0.77	71	0.77	—	—	—	—	74	0.80	74	0.80	—	—	9 103	98.8	89.9	33.6	
1972	98	1.0	1	0.01	3 278	32.7	5 034	50.2	1 266	12.6	9 578	95.5	4	171	1.73	176	1.77	—	—	—	—	176	1.78	176	1.78	—	—	9 929	99.0	92.9	33.1	
1973	86	0.8	1	0.01	3 466	31.7	5 546	50.7	1 166	10.6	10 178	93.0	13	334	3.05	348	3.17	—	—	—	—	335	3.05	335	3.05	—	—	10 860	99.2	95.9	32.7	
1974	43	0.4	1	0.01	3 618	30.4	6 087	51.1	1 120	9.4	10 826	90.9	80	474	3.98	554	4.64	18	0.15	—	—	461	3.88	461	3.88	—	—	11 859	99.6	98.0	38.6	
1975	8	0.1	1	0.01	3 791	29.9	6 405	50.4	1 070	8.4	11 266	88.7	135	674	5.31	809	6.4	24	0.18	—	—	570	4.49	570	4.49	20	0.16	12 689	99.9	99.5	49.6	
1976	1	0.01	1	0.01	3 716	28.1	6 686	50.5	1 045	7.9	11 447	86.5	202	746	5.64	948	7.2	103	0.78	1	—	687	5.19	688	5.20	42	0.32	13 228	99.9	99.85	57.9	
1977	—	—	1	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	13 962	100.0	99.96	71.2	
1978	—	—	1	—	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15 072	100.0	99.98	78.4	

‡ Includes Trunk Subscriber Lines in 1935.

† Includes Line Connectors having full exchange identity from 1960, SAXs from 1966 and IAXs from 1976.

EQUIPMENT AND LINE PLANT

Summary of Local Exchanges classified into Types and Sizes (Years 1967 onwards) ¶ †

Totals of exchanges on which the number of exchange connexions falls within the under-mentioned limits

At 31st March	Up to 200			201 to 500			501 to 1 000			1 001 to 2 000			2 001 to 4 000			4 001 to 10 000			10 001 to 18 000			Over 18 000			Total			Grand Total			
	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic	Strowger	Crossbar	Electronic				
1967	2 401	—	—	1 435	—	—	639	—	1	431	1	—	387	—	—	540*	—	—	—	—	—	—	—	—	—	—	—	5 833	1	1	5 835
1970	2 024	—	—	1 590	—	2	697	—	25	517	10	3	426	1	1	737*	—	—	—	—	—	—	—	—	—	—	5 991	11	31	6 033	
1971	1 900	—	—	1 613	—	4	649	1	75	552	20	13	435	11	1	730	2	—	55	—	—	4	—	—	—	—	5 938	34	93	6 065	
1972	1 735	—	—	1 637	—	6	631	2	137	517	43	48	454	11	4	768	8	—	78	—	—	6	—	—	—	—	5 826	78	195	6 099	
1973	1 629	—	—	1 597	2	17	543	7	245	486	70	105	425	53	3	838	16	1	90	—	—	11	—	—	—	—	5 619	148	373	6 140	
1974	1 536	4	2	1 564	6	27	530	16	296	443	88	159	409	94(1)	7	876	25(2)	1	115	1	—	16	—	—	—	—	5 489	229(5)	492	6 215	
1975	1 435	11	2	1 537	10	31	492	19	343	434	86	195	387	140(1)	14(1)	891	42(3)	1(1)	134	2	—(1)	29	—	—	—	—	5 339	310(4)	586(3)	6 242	
1976	1 332	6	2	1 551	15	31	469	29	375	406	80	233	385	165(5)	26(4)	891	61(10)	2(4)	143	3(2)	—(1)	29	—	—	—	—	5 206	359(17)	669(9)	6 260	
1977	1 332	7	2(1)	1 548	15	37	446	22	413	371	78	277(1)	352	177(4)	54(6)	920	84(16)	3(2)	153	6(6)	1(1)	32	—(1)	—	—	—	5 046	389(27)	787(11)	6 260	

¶ For greater detail of year 1977 see pages 20 and 21.

† Mixed Strowger/Crossbar and Strowger/Electronic exchanges denoted by figure in brackets.

\* Includes all exchanges with more than 4 000 connexions.

**EQUIPMENT AND LINE PLANT**

**Classification of Exchanges into Types and Sizes at 31st March 1977 ¶**

Totals of exchanges on which the number of connexions falls within the under-mentioned limits

Type of Exchange	Number of Exchanges												Number of Exchanges										Total customers, Call Office and P.O. Service		
	Up to 100	101 to 200	201 to 300	301 to 400	401 to 500	501 to 1 000	1 001 to 1 500	1 501 to 2 000	2 001 to 3 000	3 001 to 4 000	4 001 to 5 000	5 001 to 6 000	6 001 to 7 000	7 001 to 8 000	8 001 to 9 000	9 001 to 10 000	10 001 to 12 000	12 001 to 14 000	14 001 to 16 000	16 001 to 18 000	Over 18 000	Total Exchanges	Exchange Connexions (Thousands)	Exchange Stations* (Thousands)	
U12	248	46	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	298	..	..
U12 (m)	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	..	..
U13	167	319	461	440	321	259	2	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1 970	..	..
U13S	7	10	5	2	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	27	..	..
U13 (m)	6	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	..	..
U14	—	—	2	—	5	55	57	36	11	—	—	—	—	—	—	—	—	—	—	—	—	—	166	..	..
U14 M	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	..	..
LC	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	..	..
SAX	49	318	148	60	30	21	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	628	..	..
SAXS	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	..	..
SAX (m)	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	..	..
IAX5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	..	..
D	7	3	5	6	11	33	23	21	29	39	40	4	—	—	—	—	—	—	—	—	—	—	637	..	..
D (m)	—	—	—	—	—	1	—	—	—	—	—	4	66	85	153	72	—	—	—	—	—	—	1	..	..
ND	2	1	1	4	4	49	75	96	103	79	55	4	25	16	22	16	19	7	2	1	2	—	619	..	..
ND (m)	10	12	15	14	6	13	2	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	76	..	..
NDM	1	1	1	—	—	3	10	16	11	21	31	1	13	14	12	14	25	17	22	13	27	—	269	..	..
NDS	1	—	—	1	—	9	8	18	30	25	43	2	46	29	23	17	28	11	5	3	3	—	325	..	..
NDS (m)	2	—	—	—	—	1	—	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	5	..	..
<b>Total Strowger</b>	<b>513</b>	<b>711</b>	<b>642</b>	<b>529</b>	<b>377</b>	<b>446</b>	<b>178</b>	<b>193</b>	<b>188</b>	<b>164</b>	<b>171</b>	<b>12</b>	<b>150</b>	<b>144</b>	<b>210</b>	<b>119</b>	<b>72</b>	<b>35</b>	<b>29</b>	<b>17</b>	<b>32</b>	<b>5 046</b>	<b>..</b>	<b>..</b>	
NDK 1	3	2	4	1	1	2	4	7	28	13	2	—	2	—	2	—	—	—	—	—	—	—	72	..	..
NDK 1M	1	—	3	1	—	3	—	6	4	2	2	—	—	—	—	—	—	—	—	—	—	—	29	..	..
NDK 1S	—	—	—	—	—	6	12	15	61	38	23	1	3	1	1	—	—	—	—	2	—	—	187	..	..
NDK 3	—	—	—	—	—	—	2	2	—	2	—	—	6	—	4	2	—	—	—	—	—	—	7	..	..
DK 3	1	—	2	—	3	11	11	19	19	10	9	—	—	4	—	—	—	—	—	—	—	—	94	..	..
<b>Total Crossbar</b>	<b>5</b>	<b>2</b>	<b>9</b>	<b>2</b>	<b>4</b>	<b>22</b>	<b>29</b>	<b>49</b>	<b>112</b>	<b>65</b>	<b>36</b>	<b>2</b>	<b>11</b>	<b>5</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>—</b>	<b>389</b>	<b>..</b>	<b>..</b>	
NDZ 1	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	5	..	..
NDZ 1M	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	6	..	..
NDZ 1S	—	—	—	—	—	—	—	—	2	2	2	—	4	—	1	—	1	1	—	—	1	—	16	..	..
<b>Total Mixed Strowger/Crossbar</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>—</b>	<b>4</b>	<b>—</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>27</b>	<b>..</b>	<b>..</b>	
NDE 1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	..	..
NDE 2	—	—	—	1	7	128	63	33	18	2	—	—	—	—	—	—	—	—	—	—	—	—	252	..	..
NDE 2(m)	—	—	—	1	1	2	1	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	9	..	..
NDE 2M	—	—	—	—	1	4	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	..	..
NDE 2S	2	—	2	4	20	279	119	56	29	3	1	—	—	—	—	—	—	—	—	—	—	—	516	..	..
DE 4	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	..	..
<b>Total Electronic</b>	<b>2</b>	<b>—</b>	<b>2</b>	<b>6</b>	<b>29</b>	<b>413</b>	<b>185</b>	<b>92</b>	<b>48</b>	<b>6</b>	<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>787</b>	<b>..</b>	<b>..</b>	
NDY 2M	1	—	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	8	..	..
NDY 2S	—	—	—	—	—	—	—	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	3	..	..
<b>Total Mixed Strowger/Electronic</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>11</b>	<b>..</b>	<b>..</b>	
<b>Total Local</b>	<b>521</b>	<b>713</b>	<b>653</b>	<b>537</b>	<b>410</b>	<b>881</b>	<b>392</b>	<b>335</b>	<b>353</b>	<b>240</b>	<b>212</b>	<b>15</b>	<b>166</b>	<b>150</b>	<b>222</b>	<b>123</b>	<b>76</b>	<b>40</b>	<b>32</b>	<b>19</b>	<b>33</b>	<b>6 260</b>	<b>13 962</b>	<b>21 515</b>	
Automanual																									
Dedicated main network switching centres:—																									
GSC																									
SSC																									
DSC																									
MSC																									
<b>Grand Total</b>																					<b>6 669</b>	<b>13 963</b>	<b>21 516</b>		

Exchange type abbreviations: DE Director, electronic  
D Director, strowger  
ND Non-director, strowger  
DK Director, crossbar  
NDK Non-director, crossbar.  
NDE Non-director, electronic.  
NDY Non-director, mixed strowger/electronic  
NDZ Non-director, mixed strowger/crossbar.

U Unit automatic exchange.  
SAX Small automatic exchange.  
LC Line connector.  
IAX Island automatic exchange.  
GSC Group switching centre.  
SSC Sector switching centre.  
DSC District switching centre.  
MSC Main switching centre.

Suffixes: M Main exchange  
S Satellite exchange } in non-director linked numbering scheme.  
(m) Mobile exchange.  
Numbers indicate the exact types of exchanges.

\* Excludes radiophones and private circuits; see page 7 for details.  
¶ See pages 18 and 19 for previous years.

EQUIPMENT AND LINE PLANT

Number of exchanges of each type

At 31st March	Local Exchanges														Automanual Exchanges			Dedicated main network Switching Centres	Grand Total
	Manual	Automatic										Total Local Exchanges	Cord Suites	Cordless Suites *	Total §				
		Strowger				Crossbar			Mixed Strowger/Crossbar	Electronic						Mixed Strowger/Electronic	Total Automatic Exchanges		
		Director	Non-director	UAX and SAX †	Total	Director	Non-director	Total		Director	Total								
1920	3 262	—	12	1	13	—	—	—	—	—	—	—	—	3 275	—	—	..	—	3 275
1925	3 751	—	21	5	26	—	—	—	—	—	—	—	—	3 777	—	—	23	—	3 800
1930	4 323	24	147	136	307	—	—	—	—	—	—	—	—	4 630	—	—	17	—	4 647
1935	3 815	115	269	1 243	1 627	—	—	—	—	—	—	—	—	5 442	—	—	21	—	5 463
1940	2 510	195	388	2 630	3 213	—	—	—	—	—	—	—	—	5 723	—	—	202	—	5 925
1945	2 240	220	420	2 894	3 534	—	—	—	—	—	—	—	—	5 774	—	—	221	—	5 995
1950	1 775	245	457	3 389	4 091	—	—	—	—	—	—	—	—	5 866	—	—	238	—	6 104
1955	1 351	293	506	3 777	4 576	—	—	—	—	—	—	—	—	5 927	—	—	261	—	6 188
1960	921	336	616	4 136	5 088	—	—	—	—	—	—	—	—	6 009	—	—	304	—	6 313
1965	437	415	904	4 273	5 592	—	—	—	—	—	—	—	—	6 029	—	—	337	—	6 366
1970	105	526	1 290	4 175	5 991	—	11	11	—	31	31	—	6 033	6 138	337	4	341	34	6 513
1971	86	550	1 296	4 092	5 938	—	34	34	—	93	93	—	6 065	6 151	331	12	343	34	6 528
1972	69	577	1 299	3 950	5 826	1	77	78	—	195	195	—	6 099	6 168	315	16	331	40	6 539
1973	48	604	1 313	3 702	5 619	9	139	148	—	373	373	—	6 140	6 188	302	21	323	42	6 553
1974	30	618	1 343	3 528	5 489	49	180	234	—	492	492	—	6 215	6 245	297	34	331	44	6 620
1975	13	632	1 337	3 370	5 339	67	243	310	4	586	586	3	6 242	6 255	297	36	330	44	6 629
1976	3	635	1 307	3 264	5 206	84	275	359	17	667	668	10	6 260	6 263	290	40	330	83	6 676
1977	—	638	1 294	3 114	5 046	94	295	389	27	786	787	11	6 260	6 260	275	46	321	88	6 669
1978	—	..	..	..	..	..	..	..	..	..	..	..	6 231	6 231	266	48	314	98	6 643

† Includes Line Connectors having full exchange identity from 1960 and IAXs from 1976.

§ Separate Trunk Exchanges included prior to 1970.

\* Includes exchanges with both cord and cordless suites.

EQUIPMENT AND LINE PLANT  
Internal Exchange Plant

At 31st March	Exchange Connexions — Total net capacity*						Exchange Connexions — Spare Capacity*					% spare on net capacity	
	Manual  (Thousands)	Automatic				Total  (Thousands)	Manual  (Thousands)	Automatic			Total  (Thousands)		
		UAX and SAX (Strowger) (Thousands)	Director and Non-Director					UAX and SAX (Strowger) (Thousands)	Director and Non-Director				
			Strowger (Thousands)	Crossbar (Thousands)	Electronic (Thousands)				Strowger (Thousands)	Crossbar (Thousands)			Electronic (Thousands)
1930	..	..	..	—	—	15	..	..	..	—	—	355	23.6
1935	..	..	..	—	—	18	..	..	..	—	—	376	20.5
1940	..	..	..	—	—	..	..	..	..	—	—	—	..
‡1945	984	306	1 560	—	—	28	138	66	333	—	—	537	18.8
1950	1 149	472	1 952	—	—	35	144	81	201	—	—	426	11.9
1955	1 147	679	2 791	—	—	46	112	99	354	—	—	566	12.3
1960	1 085	933	3 767	—	—	57	133	173	666	—	—	972	16.8
1965	599	1 117	5 092	—	—	68	35	122	558	—	—	715	10.5
1970	138	1 457	7 875	24	35	95	9	176	736	6	10	937	9.8
1971	117	1 467	8 481	82	96	102	6	170	752	15	24	968	9.4
1972	104	1 423	9 041	206	217	109	5	160	657	33	41	897	8.2
1973	92	1 333	9 738	429	401	119	4	172	663	69	68	974	8.1
1974	48	1 307	10 747	741	576	134	2	189	964	149	110	1 415	10.5
1975	13	1 279	11 466	1 157	733	146	1	205	1 211	280	148	1 844	12.6
1976	6	1 261	12 017	1 475	914	156	5	228	1 569	391	200	2 392	15.3
1977	—	1 181	12 583	1 910	1 036	167	—	202	1 827	541	170	2 741	16.4
1978	—	1 177	12 746	2 221	1 131	172	—	163	1 286	503	62	2 014	11.7

\* Equipment only up to 1950; all limiting factors taken into account from 1955.

‡ At 31st December.

EQUIPMENT AND LINE PLANT

Subscribers' Cables – Pairs from Exchanges to Cross Connexion and Distribution Points

At 31st March	Total number of:			Cable pairs from exchanges connected to cross connexion points *			Cable pairs from exchanges connected directly to distribution points			Total cable pairs	
	Primary cross connexion points *	Secondary cross connexion points *	Distribu- tion points	Total	Spare	% spare on total	Total	Spare	% spare on total	Grand total	Spare
	(Thousands)			(Thousands)			(Thousands)		(Thousands)		
‡ 1935	—	—	252	—	—	—	2 997	1 250	42	..	..
‡ 1940	—	—	349	—	—	—	3 706	1 296	35	..	..
‡ 1945	—	—	377	—	—	—	3 995	1 304	33	..	..
1950	..	..	442	423	123	29	4 182	993	24	4 605	1 116
1955	7	16	542	1 878	513	27	3 528	851	24	5 406	1 364
1960	15	33	772	4 084	1 249	31	2 857	856	30	6 942	2 105
1965	23	44	1 061	6 150	1 658	29	2 655	913	34	8 805	2 571
1970	36	43	1 436	10 035	2 894	29	2 813	1 026	36	12 848	3 919
1971	42	41	1 518	11 041	3 242	29	2 883	1 058	37	13 924	4 299
1972	42	39	1 608	12 134	3 552	29	2 934	1 081	37	15 069	4 663
1973	45	36	1 705	13 411	3 897	29	3 001	1 090	36	16 411	4 981
1974	49	33	1 814	14 780	4 293	29	3 097	1 118	36	17 877	5 411
1975	53	30	1 912	16 042	4 705	29	3 194	1 163	36	19 236	5 868
1976	59	24	2 028	17 274	5 564	32	3 317	1 279	39	20 591	6 843
1977	61	23	2 136	18 378	5 766	31	3 392	1 317	38	21 770	7 084
1978	62	22	2 243	19 396	5 541	29	3 462	1 303	38	22 858	6 844

\* Known as cabinets and pillars prior to 1976. First introduced into local subscribers' cables in 1946, to provide flexibility between exchange and distribution points.

‡ At 30th June.

EQUIPMENT AND LINE PLANT

Telephone Trunk Lines in Use

Speech channels over 40 kilometres in radial length)

At 31st March	Public service	Private service	
	Trunk speech channels	PO service circuits *†	Full-time speech channels for other government departments, public corporations and private renters ‡
1920	1 707	..	..
1925	2 826	..	..
1930	3 680	..	..
1935	4 482	..	..
1940	6 220	..	..
1945	9 430	..	7 150
1950	16 340	440	3 398
1955	21 115	413	5 078
1960	27 195	444	5 224
1965	46 006	587	5 738
1970	87 517	645	9 357
1971	97 781	601	10 510
1972	111 270	682	11 253
1973	127 733	661	12 030
1974	144 239	679	13 438
1975	160 757	698	14 585
1976	178 622	816	16 666
1977	190 379	744	18 609
1978	198 646	844	22 001

Excluding radio land lines and circuits carrying public telegraph systems.

Full-time speech channels includes PO service circuits in 1945.

Government Departments only in 1945 figure.

TELEPHONE TRAFFIC

Number of Originated Effective Calls (Years 1915–1966) ¶

Year ended 31st March	Inland calls			External calls			Total annual calling rate		
	Local* (including enquiries and service calls)	Trunk*    (chargeable calls)	Total	Continental services	Trans-Atlantic cable§	Radio services	Per station	Per connexion ‡	Per cent (inc in ratio total rate)
1915	Millions	Millions	Millions	Actual	Actual	Actual			
	774	41	815	..	—	..	1 065	..	
1920	795	54	849	..	—	..	1 017	..	
1925	852	77	929	202 379	—	..	780	1 223	
1930	1 205	117	1 322	532 026	—	3 951	733	1 144	
1935	1 595	85	1 680	692 677	—	9 678	738	1 160	
1940	2 098	117	2 215	430 718	—	6 383	681	1 078	
1945	2 039	189	2 228	†	—	1 944	592	1 010	
1950	2 940	235	3 175	1 003 971	—	71 574	636	1 032	
1955	3 615	306	3 921	1 814 047	—	96 229	626	1 009	
		Trunk (Effective calls)							
	Local	Manually controlled	STD	Total					
	Millions	Millions	Millions	Millions					
1960	3 900	385	1.5	4 287	2 806 070	178 834	84 216	562	914
1965	5 600	431	305	6 336	5 700 031	459 812	70 862	662	1 089

\* Principal changes in "local" call area:—  
 1st April, 1921 . . . . . 0–5 miles.  
 1st July, 1922 . . . . . 0–7½ miles.  
 1st July, 1934 . . . . . 0–12½ miles.  
 1st May, 1936 . . . . . 0–15 miles.  
 1st January, 1958 . . . . . Home and adjacent charging groups.

† Service suspended — 1942 to 1945.

‡ Calling rate per Exchange Line prior to 1935.

§ Cable laid 1956; calls previously made by radio.

|| Includes trunk calls made by Channel Islands and Hull Corporation customers.

¶ For later years see pages 29 to 33.

ELEPHONE TRAFFIC

Summary of Originated Effective Calls (1967 onwards)

For greater detail see pages 30 to 32  
 or calling rates see page 33

Year ended 31st March	Inland	External				Overall Total
		Continental*	Inter-continental	Short range R/T calls with ships	Total	
	Millions	Thousands	Thousands	Thousands	Thousands	Millions
1967	7 382	8 390	790	30	9 210	7 391
1970	9 622	14 119	1 600	30	15 749	9 638
1971	10 747	16 541	2 248	31	18 820	10 766
1972	12 029	18 480	3 447	36	21 963	12 051
1973	12 144¶	21 086	4 284	42	25 412	12 169¶
1974	13 238¶	23 904	5 217	57	29 178	13 267¶
1975	14 313¶	29 577	6 608	67	36 252	14 349¶
1976	15 156¶	34 974	9 284	68	44 326	15 200¶
1977	15 956¶	42 364¶	12 166¶	73	54 603¶	16 011¶
1978	17 303	52 689	17 767	81	70 537	17 374

Includes calls originating in the Channel Islands up to 1971.  
 Includes calls originating in the Channel Islands from 1972.

Number of Originated Effective Inland Calls (1967 onwards) ¶

For calling rates see page 33

Year ended 31st March	Local	Trunk			Overall Total	Trunk calls dialled %
		Manually controlled	STD	Total		
	Millions	Millions	Millions	Millions	Millions	
1967	6 450	406	526	932	7 382	56.44
1970	8 270	362	990	1 352	9 622	73.22
1971	9 230	331	1 186	1 517	10 747	78.18
1972	10 330	319	1 380	1 699	12 029	81.22
1973	10 200¶	312	1 632	1 944	12 144¶	83.95
1974	11 100¶	278	1 860	2 138	13 238¶	87.01
1975	12 000¶	242	2 071	2 313	14 313¶	89.50
1976	12 800¶	173	2 183	2 356	15 156¶	92.66
1977	13 500¶	106	2 350	2 456	15 956¶	95.68
1978	14 600	80	2 623	2 703	17 303	97.04

For previous years see page 28.



TELEPHONE TRAFFIC

Number of Effective External Calls (1967 onwards) ¶

Year ended 31st March	Continental				Inter-continental			Maritime			All calls				Percentage calls dialled		
	Outward	Inward	Transit	Total	Outward	Inward	Transit	Outward	Inward	Total	Outward	Inward	Transit	Total	Continental	Inter-continental	All calls
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	%	%	%
1967	8 390	7 360	200	15 950	790	980	190	1 30	180	210	9 210	8 520	390	18 120	..	..	..
1968	9 829	8 922	234	18 985	964	1 233	212	2 31	200	231	10 824	10 355	446	21 625	..	..	..
1969	11 966	11 464	336	23 766	1 229	1 472	209	2 28	203	231	13 223	13 139	545	26 907	..	..	..
1970	14 119	14 199	400	28 718	1 600	1 922	255	3 30	205	235	15 749	16 326	655	32 730	..	..	..
1971	16 541	17 002	436	33 979	2 248	2 793	311	5 31	248	279	18 821	20 043	747	39 610	65	18	59
1972	18 480	19 651	437	38 568	3 447	3 532	344	7 36	263	299	21 963	23 446	781	46 190	63	41	59
1973	21 086	23 195	308	44 589	4 284	4 248	417	8 42	307	349	25 412	27 750	725	53 887	67	43	62
1974	23 904	25 802	270	49 976	5 217	5 359	498	11 57	361	418	29 178	31 522	768	61 468	69	46	67
1975	29 577	32 960	182	62 719	6 608	6 471	648	13 67	430	497	36 252	39 861	830	76 943	74	56	70
1976	34 974	39 073	54	74 101	9 284	8 503	666	18 68	477	545	44 326	48 053	720	93 099	80	65	77
1977	42 364 <sup>φ</sup>	48 444 <sup>φ</sup>	66 <sup>φ</sup>	90 874 <sup>φ</sup>	12 166 <sup>φ</sup>	13 710 <sup>φ</sup>	858 <sup>φ</sup>	26 73	541	614	54 603 <sup>φ</sup>	62 695 <sup>φ</sup>	924 <sup>φ</sup>	118 222 <sup>φ</sup>	85	74	83
1978	52 689	60 165	147	113 001	17 767	18 057	1 153	36 81	639	720	70 537	78 861	1 300	150 698	92	84	90

¶ For previous years see page 28.

TELEPHONE TRAFFIC

Growth of originated effective calls — percentage increase over previous years

Year ended 31st March	Inland			External			
	Local	Trunk	All calls	Continental	Inter-continental	Maritime	All calls
	%	%	%	%	%	%	%
1967	6.61	10.69	7.11	19.86	..	..	20.36
1970	11.46	12.01	11.53	17.99	30.19	6.67	19.10
1971	11.61	12.20	11.69	17.15	40.50	3.33	19.50
1972	11.92	12.00	11.93	11.72	53.34	16.13	16.70
1973	8.82 <sup>d</sup>	14.42	9.01 <sup>d</sup>	14.10	24.28	16.67	15.70
1974	8.82 <sup>d</sup>	9.98	9.01 <sup>d</sup>	13.36	21.78 <sup>d</sup>	35.71 <sup>d</sup>	14.82
1975	8.11 <sup>d</sup>	8.19	8.12 <sup>d</sup>	23.73	26.66	17.54	24.24
1976	6.67 <sup>d</sup>	1.86	5.89 <sup>d</sup>	18.25	40.50	1.49	22.27 <sup>d</sup>
1977	5.47 <sup>d</sup>	4.24	5.28 <sup>d</sup>	21.13 <sup>d</sup>	31.04 <sup>d</sup>	7.35	23.19 <sup>d</sup>
1978	8.15	10.06	8.44	24.37	46.04	10.96	29.18

TELEPHONE TRAFFIC

Annual Calling Rate (originated effective calls)

Year ended 31st March	Per Station				Per Connection			
	Local	Inland trunk	External	All calls	Local	Inland trunk	External	All calls
1967	588.8	85.1	0.8	674.7	958.0	138.4	1.3	1 097.7
1970	620.7	101.5	1.2	723.4	1 007.4	164.7	1.9	1 174.0
1971	643.2	105.7	1.3	750.2	1 039.1	170.8	2.1	1 212.0
1972	669.0	110.0	1.4	780.4	1 073.7	176.6	2.3	1 252.6
1973	609.5 <sup>d</sup>	116.2 <sup>d</sup>	1.5	724.6 <sup>d</sup>	972.6 <sup>d</sup>	185.4 <sup>d</sup>	2.4	1 160.3 <sup>d</sup>
1974	610.0 <sup>d</sup>	117.5	1.6	729.0 <sup>d</sup>	971.5 <sup>d</sup>	187.1	2.6 <sup>d</sup>	1 161.2 <sup>d</sup>
1975	613.1 <sup>d</sup>	118.2	1.9	733.1 <sup>d</sup>	975.5 <sup>d</sup>	180.0	2.9 <sup>d</sup>	1 166.5 <sup>d</sup>
1976	623.2 <sup>d</sup>	114.7	2.2	740.0 <sup>d</sup>	987.3 <sup>d</sup>	181.7	3.4	1 172.4 <sup>d</sup>
1977	631.7 <sup>d</sup>	114.1 <sup>d</sup>	2.5	749.2 <sup>d</sup>	992.9 <sup>d</sup>	180.6	4.0 <sup>d</sup>	1 177.6 <sup>d</sup>
1978	655.6	121.4	3.2	780.1	1 005.6	186.2	4.9	1 196.7

For previous years see page 28.

TELEPHONE TRAFFIC

Distribution of Inland Manually Controlled Trunk Calls Over Charge Distance Steps

Year ended 31st March	24-32 Km (15-20 miles)	32-40 Km (20-25 miles)	40-56 Km (25-35 miles)	56-80 Km (35-50 miles)	80-121 Km (50-75 miles)	121-161 Km (75-100 miles)	161-203 Km (100-125 miles)	Over 203 Km (125 miles)
	%	%	%	%	%	%	%	%
1955	19.7	12.4	13.8	12.6	11.2	7.0	6.1	11.2
‡1960	6.7	15.1	19.8	14.2	12.9	7.6	6.7	11.2
1965		41.9		15.0	13.0	13.3		11.2
1970		30.2		13.2		56.6		11.2
1971		27.6		12.5		59.9		11.2
1972		24.6		11.8		63.6		11.2
1973		21.9		10.5		67.6		11.2
* Apr.'73-Sept.'73		17.9		9.5		72.6		11.2
Oct.'73-Mar.'74		17.9			82.1			11.2
1975		13.9			86.1			11.2
1976		12.5				87.5		11.2
1977		13.1				86.9		11.2
1978		15.8				84.2		11.2

‡ Group charging introduced 1st January 1958. Distances measured between central exchange of each charging group.  
\* Split due to October 1973 tariff changes.

TELEPHONE TRAFFIC

Distribution of Inland Subscriber Dialed Trunk Calls Over Charge Distance Steps

Year ended 31st March	24-56 Km (15-35 miles)	56-80 Km (35-50 miles)	Over 80 Km (over 50 miles)
	%	%	%
1961	40.0	9.7	50.4
1965	39.3	11.2	49.5
1970	40.9	13.8	45.3
1971	40.6	14.2	45.2
1972	40.4	14.2	45.4
1973	40.1	14.2	45.7
Apr.'73-Sept.'73	39.3	14.1	46.5
Oct.'73-Mar.'74	39.8		60.2
1975	39.1		60.9
1976	38.8		61.2
1977	37.5		62.5
1978	36.2		63.8

Split due to October 1973 tariff changes.

TELEPHONE TRAFFIC

Calls to Information Services

(Thousands)

Year ended 31st March	Dial a Disc	Financial Times Index	Motoring	Recipe	Speaking Clock	Teletourist	Cricket	Weather
1960	—	—	265	—	89 542	302	1 836	4 8
1965	—	—	508	533	138 168	825	8 198	7 0
1970	22 419	715	1 183	2 462	261 522	1 025	9 404	12 7
1971	45 497	1 401	1 025	2 745	297 271	1 057	4 965	11 6
1972	71 148	2 458	1 186	3 215	331 685	1 194	11 963	12 5
1973	90 670	3 838	1 219	3 000	367 092	1 273	15 605	12 8
1974	94 096	3 894	1 110	3 035	404 788	1 292	19 935	15 3
1975	86 564	4 639	1 049	3 099	431 831	1 356	18 097	16 6
1976	72 975	4 584	1 033	2 728	394 969	1 114	21 900	16 8
1977	68 065	4 356	1 281	2 076	358 930	1 134	22 256	17 2
1978	86 915	4 388	1 345	2 453	383 365	1 039	22 556	21 5

TELEGRAPH EQUIPMENT

Telegraph Multi-Channel Voice-Frequency Systems and Circuits in Use

At	Systems †	Circuits		
		Public Telegraph (Tgm) Service ‡	Private Circuits §	Telex <sup>θ</sup> Service
31st March, 1940	116	799	..	—
1945	178	1 299	693	—
1950	419	2 295	1 733	—
1955	480	1 832	1 811	457
31st December, 1955	460	1 259	1 854	559
1960	477	958	2 257	1 810
1965	663	1 093	2 299	3 903
1970	1 063	1 118	2 699	10 139
1971	1 186	990	2 753	11 968
1972	1 353	934	3 274	13 476
1973	1 432	875	3 390	14 645
1974	1 686	821	3 872	17 125
1975	1 850	882	4 314	19 131
1976	2 012	500	4 408	20 567
1977	2 222	277	4 961	22 997
1978	2 365	97	5 574	25 565

Telegraph Time Division Multiplexing Systems and Circuits in Use

31st March, 1978	12	—	92	1 139
------------------	----	---	----	-------

† Both the voice-frequency telegraph system and the time-division multiplexing system occupy two four-wire speech circuits in the Telecommunications network.  
 ‡ Telegraph circuits may make use of several multi-channel voice frequency circuits or time-division multiplexing systems connected in tandem.  
 § Government and commercial.  
 θ Includes trunk circuits and customers' lines.

TELEGRAPH TRAFFIC

Number of Telegrams — Inland Service

Year ended 31st March	Public Service							Press	Railways	PO Service	Grand Total	% Increase/Decrease over previous year
	Method of acceptance				Type of Telegram							
	Handed over public counter†	Phonograms‡	Printergrams	Total Δ	Ordinary	Greetings (inc. in Total) §	Overnight (inc. in Total)					
	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	(Thsnds)	%
1935	32 733	..	..	32 733	32 733	—	—	1 430	1 129	..	35 292	-2.1
1940	30 794	21 966	..	52 760	48 251	4 509	—	755	1 196	..	54 711	+8.1
1945	40 607	21 593	..	62 200	62 200	—	—	152	601	..	62 953	+3.1
1950	22 220	18 715	..	40 935	40 935	—	—	383	656	..	41 974	-3.1
1955	11 478	12 962	199	24 639	19 526	4 767	346	372	695	..	25 706	-24.1
1960	5 612	6 699	466	12 777	9 198	3 071	508	183	867	..	13 827	-1.1
1965	4 014	4 993	568	9 575	6 528	2 592	455	82	809	479	10 945	-0.1
1970	2 794	4 337	525	7 656	4 901	2 257	498	31	— <sup>π</sup>	175	7 862	-2.1
1971	2 307	3 722	470	6 499	4 152	2 007	340	24	—	144	6 667	-15.1
1972	2 341	3 898	459	6 698	4 161	2 204	333	24	—	125	6 847	+2.1
1973	2 392	4 330	456	7 178	4 388	2 441	349	22	—	103	7 303	+6.1
1974	2 170	4 439	510	7 119	4 369	2 386	364	10x	—	123	7 252	-0.1
1975	1 639	3 951	506	6 096	3 785	2 006	305	—	—	104	6 200	-14.1
1976	949	2 838	370	4 157	2 620	1 309	228	—	—	73	4 230	-31.1
1977	703	2 336	339	3 378	2 083	1 073	222	—	—	62	3 440	-18.1
1978	626	2 209	366	3 201	1 907	1 092	202	—	—	58	3 259	-5.1

† Includes Phonograms and Printergrams in 1935.  
 ‡ Includes Printergrams prior to 1955.  
 § Service introduced 31st May 1935, and suspended 30th April 1943. Re-introduced 20th November 1950.  
 || Service introduced 1st August 1954.  
 Δ Including Government; excluding Press and Railway.  
 π "Railway Pass" facility abolished 31st December 1967.  
 x Press facility abolished October 1973.

TELEGRAPH TRAFFIC

Number of Telegrams — External Service (Years 1935 to 1967) ¶

Year ended 31st March	Inward and outward (terminal and transit)*			Telegraph companies terminal traffic*	Maritime Service	Total foreign
	Irish Republic (cable)	Europe				
		Cable†	Point-to-point wireless			
	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Actual)	(Thousands)
1935	1 417	3 994	647	1 288	355 343	7 701
1940	1 392	3 780	571	2 212	201 513	8 157
1945	2 457	140	9	5 148	293	7 754
1950	2 207	3 700	590	3 281	783 824	10 562

Following Transfer of some Cable and Wireless Services to Post Office, 1950

Year ended 31st March	Terminal telegrams (inward and outward)				Transit* telegrams all services	Total external
	Irish Republic	Telegraph companies' traffic handled by Post Office in UK	Maritime Service‡	External administrations and companies		
	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)
1955	1 422	921	899	13 772	5 266	22 280
1960	891	639	843	12 985	5 906	21 264
1965	665	584	831	13 568	5 734	21 382
1967	582	587	858	13 429	6 201	21 657

\* Transit telegrams exchanged with the telegraph companies are distributed among the other columns according to the Post Office route followed.  
 † Service suspended 1941 to 1945.  
 ‡ Inward and outward terminal only.  
 ¶ For later years see pages 40 and 41.

# TELEGRAPH TRAFFIC

## Number of Telegrams — External Service (1968 onwards) ¶

Year ended 31st March	Telegrams with external administrations and cable companies				Maritime Radio telegrams			Telegrams with Irish Republic			Grand Total	Telegraph Cos traffic handled by PO in UK (Outward and Inward) §
	Onward	Inward	Transit	Total	Outward	Inward	Total	Outward	Inward	Total		
	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)		
1968	7 185	6 877	6 609	20 671	231	661	892	334	208	542	22 105	570
1970	7 302	6 629	6 114	20 045	274	686	960	280	183	463	21 468	503
1971	6 437	5 930	5 407	17 774	293	685	978	253	159	412	19 164	396
1972	6 711	6 184	5 755	18 650	329	733	1 062	237	154	391	20 103	355
1973	6 703	5 996	5 501	18 200	346	781	1 127	242	152	394	19 718	354
1974	7 109	6 203	5 438	18 750	352	794	1 146	233	144	377	20 273	370
1975	6 701	5 859	5 304	17 864	355	763	1 118	196	129	325	19 332	329
1976	5 567	5 124	4 833	15 524	327	723	1 050	133	116	249	16 823	270
1977	4 851 <sup>φ</sup>	4 510 <sup>φ</sup>	4 599 <sup>φ</sup>	13 960 <sup>φ</sup>	314	744	1 058	111	107	218	15 236 <sup>φ</sup>	274
1978	4 577	4 079	4 194	12 850	341	754	1 095	112	92	204	14 149	.†

¶ See page 39 for previous years.

§ Included in "Telegrams with external administrations and cable companies".

† Traffic no longer separately identifiable.

TELEX TRAFFIC

Year ended 31st March	Inland effective				External chargeable									
	Manually controlled calls ‡	Dialled calls	Total Inland calls	Dialled metered units	Manually controlled calls	Dialled			Number of minutes					
						Metered calls	Ticketed calls	Total calls	Metered units	Outward	Inward	Transit	Total	
	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)	(Thousands)
1956	1 462	..	..	—	1 067	—	—	—	—	..	..	..	..	..
1960	3 610	..	..	8 135	2 405	—	—	—	—	..	..	..	..	..
1965	121	..	..	161 114	789	8	117	8 300	225 643	..	..	..	..	..
1970	150	31 839	31 989	258 505	1 284	17	1 609	19 146	510 030	52 500	47 600	4 500	104 600	
1971	198	39 848	40 046	323 257	1 238	21	2 102	23 972	456 977	64 100	56 700	5 000	125 800	
1972	197	45 802	45 999	353 534	1 252	24	3 392	27 589	489 100	74 100	63 200	6 300	143 600	
1973	262	51 945 $\phi$	52 207 $\phi$	368 703	1 209	26	4 938	31 684	556 934	87 700	74 800	5 000	167 500	
1974	355	55 666 $\phi$	56 021 $\phi$	373 340 $\phi$	1 192	30	6 629	36 836	647 653	104 395	90 625	6 143	201 163	
1975	399	58 728 $\phi$	59 127 $\phi$	377 802 $\phi$	1 336	32	8 401	41 303 $\phi$	573 402	116 000	98 686	9 082	223 768	
1976	397	62 862 $\phi$	63 259 $\phi$	392 577 $\phi$	1 434	35	10 754	45 816	615 618	124 949	105 600	7 087	237 636	
1977	367	71 727 $\phi$	72 094 $\phi$	407 155 $\phi$	1 101	38	13 918	52 635	697 044	141 851 $\phi$	116 739 $\phi$	6 285 $\phi$	264 875 $\phi$	
1978	345	74 568	74 913	421 078	975	42	16 139	58 654	808 205	158 755	127 668	6 528	292 951	

‡ Including multitelex and assistance calls.

TELEX EXCHANGES AND CONNEXIONS

Exchanges, Trunk Lines and Exchange Connexions

Year ended 31st March	Total at end of year					Net Increase in Exchange connexions during year	Percent increa- durin- year
	Exchanges*		Trunk circuits between exchanges **	Exchange connexions			
	Manual ‡	Automatic		Manual	Automatic §		
1955	16	—	312†	1 882	—	326	
1960	7	11	859†	2 951	2 972	896	17.4
1965	1	32	1 476	—	14 636	2 250	18.2
1970	1	44	4 223	—	29 147	3 426	13.1
1971	1	45	4 800	—	32 945	3 798	13.1
1972	1	48	5 213	—	37 774	4 829	14.1
1973	1	49	5 644	—	43 139φ	5 365φ	14.2
1974	1	49	6 377	—	48 995φ	5 856φ	13.1
1975	1	49	6 618	—	54 256φ	5 261φ	10.1
1976	1	50	7 128	—	59 142φ	4 886φ	9.1
1977	1	50	7 323φ	—	64 804	5 662	9.1
1978	1	51	7 908	—	71 586	6 782	10.1

\* Physical exchanges only.

† Includes circuits between Automatic sub exchanges and Manual exchanges.

\*\* Figure as at 31st December, of previous year.

§ Includes Channel Islands up to 1972.

‡ Excludes Automatic sub exchanges.

PO DATEL SERVICE CONNEXIONS

Year ended 31st March	Total connexions
1964	207
1965	281
1970	8 716
1971	15 093
1972	19 010
1973	24 450
1974	29 605
1975	34 896
1976	41 285
1977	48 000
1978	55 700

MANPOWER

Deployment of Telecommunications Staff

At 31st March	Staff employed in			Total Staff
	Telecomms. Headquarters*	Regional Headquarters	Telephone Areas	
1970	17 287	13 012	198 021	228 320
1971	17 869	12 917	201 591	232 377
1972	18 927	14 484	200 544	233 955
1973	19 368	14 488	206 249	240 105
1974	19 719	14 387	207 980	242 086
1975	20 829	13 881	212 495	247 205
1976	20 384	13 217	204 092	237 693
1977	20 102	13 034	194 920	228 056
1978	20 441	12 879	191 539	224 859

\* Includes Research, Development, and Procurement staff.



MANPOWER

Functional disposition of Telecommunications Staff

At 31st March	Staff employed on:-									T		
	General Management	Personnel			Finance & Management Services	Planning & Works	Service & Marketing	Research & Development	Procurement		Accommodation	Motor Transport
1970	861	22 959			13 375	42 332	128 400	2 878	8 784	5 028	3 653	22
1971	903	24 669			12 561	45 461	127 923	3 073	9 024	5 055	3 708	23
1972	949	24 208			12 376	45 956	128 294	3 254	9 435	5 795	3 688	23
1973	1 005	24 110			12 336	48 503	131 309	3 144	9 776	6 301	3 631	24
1974	1 036	22 714			12 492	49 394	133 150	3 260	9 964	6 449	3 627	24
1975	1 030	21 989			13 422	49 007	137 859	3 387	9 911	6 869	3 731	24
		Staff Administration	Training *	Catering & Office Services								
1976	1 034	4 162	9 611	6 262	13 056	48 280	131 310	3 462	9 658	7 132	3 726	23
1977	1 033	4 179	7 592	6 275	12 616	46 286	126 071	3 380	9 610	7 357 $\phi$	3 657	22
1978	1 040	4 190	5 864	6 463	12 297	44 839	125 884	3 428	9 698	7 465	3 691	22

\* Includes trainees and apprentices.

MOTOR TRANSPORT

Vehicles, trailers, vehicular mechanical aids (VMAs), workshops and fuel

Year ended 31st March	Type of vehicle									MT Workshops	Fuel used
	5/7 cwt	15 cwt	20 to 30 cwt	Over 30 cwt	Specialist (incl. self mobile VMAs)	Trailer mounted VMAs	Utility Trailers	Supplies	Passenger		
1968	15 848	12 704	4 413	2 270	2 167	2 412	2 764	513	221	.. $\ddagger$	Gals Thsnds
1970	15 943	13 538	5 283	1 539	2 459	2 818	2 974	528	191	278	12 115
1971	15 583	14 003	5 607	1 423	2 607	3 120	2 800	792	201	294	12 040
1972	15 936	14 312	5 743	1 132	2 919	3 670	2 679	846	202	299	12 477
1973	16 653	15 276	5 835	1 142	3 017	3 861	2 524	862	200	303	13 025
1974	17 291	16 118	5 971	1 218	3 101	3 889	2 447	939	205	317	13 693
1975	17 380	16 301	6 097	1 274	3 160	4 003	2 402	964	218	312	13 954
1976	18 086	16 440	6 256	1 294	3 254	4 109	2 310	979	241	327	14 540
1977	18 494	16 064	6 142	1 288	3 403	4 140	2 190	1 003	258	327	14 735
1978	20 837	16 279	6 820	1 402	3 509	4 068	2 115	1 047	299	327	15 618

\* Includes Supplies vehicular mechanical aids and trailers.

$\ddagger$  Telecommunications Workshops not identified separately from Postal prior to 1970.

MOTOR TRANSPORT

Fleet totals and Fleet mileages

Year ended 31st March	Numbers of vehicles (excluding trailers)					Annual mileages run				Total
	Engineering Fleet	Supplies Fleet	Passenger Fleet	Telegraph Fleet	Total	Engineering Fleet	Supplies Fleet	Passenger Fleet	Telegraph Fleet	
1968	37 402	360	221	1 636	39 619	229 349	5 838	2 041	16 450	253 678
1970	38 762	342	191	1 801	41 096	244 229	5 279	1 904	12 052	263 464
1971	39 223	604	201	1 827	41 855	248 490	5 259	1 795	9 985	265 529
1972	40 042	660	202	1 793	42 697	270 445	5 258	1 822	11 535	289 060
1973	41 923	662	200	1 579	44 364	264 969	5 545	1 907	11 030	283 451
1974	43 699	702	205	1 581	46 187	272 204	5 405	1 741	10 134	289 484
1975	44 212	712	218	1 542	46 684	270 325	5 262	1 911	9 094	286 592
1976	45 330	736	241	1 459 $\phi$	47 766 $\phi$	272 405	5 294	2 244	8 595 $\phi$	288 538 $\phi$
1977	45 391	761	258	1 408	47 818	275 239 $\phi$	5 313	2 546	8 228 $\phi$	291 326 $\phi$
1978	46 552	795	269	1 337	48 953	294 030	5 392	2 720	8 422	310 564

TELECOMMUNICATIONS FINANCE

Telephone Expenditure and Income (Years 1915 to 1971) ¶

(combined Inland and International exchange and trunk systems — from the commercial accounts)

Year ended 31st March	Expenditure including provision for depreciation and interest on outstanding capital (for analysis, see page 51)	Income* (for analysis, see page 52)	Balance†
	£ Thousands	£ Thousands	£ Thousands
1915	6 584	6 473	-111
1920	11 193	9 231	-1,962
1925	14 544	15 006	463
1930	21 379	21 892	513
1935	25 361	27 046	1 685
1940	37 920	38 914	995
1945	64 199	87 262	23 063
1950	79 993	89 126	9 133
1955	119 023	123 298	4 275
1960	191 569	208 496	16 927
‡1965	297 155	332 595	35 440
1970	536 046	588 131	52 085
1971	624 939	710 712	85 773

\* From 1941 includes Surcharge (except that collected by Hull Corporation).

† Losses in 1915 and 1920 due to degerment of increase of charges to meet increase of costs.

‡ The "Joint Purse agreement with C & W Ltd.", applicable to some international services, was replaced in 1962-63 with revised "Financial arrangements with C & W Ltd." At the same time, outpayments to other Administrations and to C & W Ltd. were regarded as expenditure.

¶ For the year 1972 onward, separate financial information for "Telegraphs" and "Telephones" is not available. Financial details for "Telecommunications" are shown on pages 54 to 61.

TELECOMMUNICATIONS FINANCE

Telegraph Expenditure and Income (Years 1935 to 1971) ¶

(Inland and International — from the commercial accounts)

(£ thousands)

Year ended 31st March	Expenditure (for analysis, see page 52)	Income				Balance
		Message receipts (for analysis, see page 53)	Circuit rentals*	Miscellaneous	Total	
1935	4 526	..	..	..	3 875	-651
1940	5 081	3 190	259	1 081	4 530	-551
1945	7 874	5 647	270	1 857	7 774	-100
1950	10 841	4 607	392	1 436	6 435	-4 406
1955	18 631	11 121	3 284	1 761	16 166	-2 465
1960	23 167	14 387	3 626	2 794	20 807	-2 360
‡ 1965	36 030	31 794	4 664	3 854	40 312	+4 282
1970	54 884	56 876	4 782	2 438	64 096	+9 212
1971	58 445	58 161	5 035	3 006	66 202	+7 757
		†				

Re-allocation and re-classification of private wire services between telegraph and telephone services from 1st April 1951.

The "Joint Purse agreement with C & W Ltd.", applicable to some International services, was replaced in 1962-63 with revised "Financial arrangements with C & W Ltd." At the same time, outpayments to other Administrations and to C & W Ltd. were regarded as expenditure. Prior to 1st April 1971, payments for traffic in transit through the UK were deducted from income.

¶ For the year 1972 onward, separate financial information for "Telegraphs" and "Telephones" is not available. Financial details for "Telecommunications" are shown on pages 54 to 61.

TELECOMMUNICATIONS FINANCE

Analysis of Telephone Expenditure (Years 1935 to 1971) ¶

(from page 48)

(£ thousands)

Year ended 31st March	Administrative and traffic (salaries, wages, etc.; travelling; law charges; uniform clothing; stationery and printing)		Maintenance of system (salaries, wages, etc.; materials: contracts work; wayleaves; freight; travelling and miscellaneous)		Stores issued for sale repayment works*	Accommodation	Pension liability	Provision for depreciation	Interest on capital	Less net value of telegraph and telephone services †	
	Salaries wages etc.	Pension liability	Motor transport expenses	Materials							
1935	5 716		3 453		..	1 778	975	7 895	5 544	..	2
1940	8 463		6 943		1 562	2 866	1 552	9 415	7 119	..	3
1945	12 267		9 622		17 493	3 240	2 197	11 751	7 629	..	6
1950	21 402		18 331		1 231	5 119	5 159	19 144	9 607	..	7
1955	33 069		27 157		1 267	8 824	8 478	26 258	14 770	-801	11
Year ended 31st March	Salaries wages etc.	Pension liability	Motor transport expenses	Materials	Accommodation ‡	Miscellaneous ‡	Depreciation	Interest on capital	Contribution to Exchequer	Less net value of telegraph telephone services	
1956	59 505	10 039	1 795	5 242	5 955	3 633	29 327	18 596	-	-832	13
1960	78 991	14 440	1 037	7 499	7 598	4 504	48 076	27 759	2 500	-835	19
1961	83 714	15 610	1 063	7 651	8 540	4 330	51 334	29 236	2 500	-881	20
Year ended 31st March	Operating	Engineering	Supply Dept.	Motor Transport	Accommodation ‡	Incidental Expenses	Administration	Interest on capital	Less net value of telegraph-telephone services		
1962	111 384	53 008	5 598	2 988	11 920	3 314	3 773	33 489	-836	22	
△ 1965	147 504	71 353	6 744	3 976	16 928	4 035	4 861	42 828	-1 074	29	
1968	191 828	96 450	6 914	6 355	24 462	6 790	7 058	65 229	-1 523	40	
Year ended 31st March	Operating §	Plant Maintenance etc §	Purchasing and Supplies Dept. §	Motor Transport §	Accommodation ‡	Incidental Expenses	Administration	Interest on capital	Use of NDPS II and Postal Services ■	Less net value of telegraph-telephone services	
1969	224 699	77 758	11 267	13 623	28 596	8 351	22 247	80 114	2 908	-1 914	46
1970	251 351	86 016	12 310	14 961	35 172	10 591	25 230	97 414	5 386	-2 385	53
1971	282 580	102 746	14 671	16 812	41 547	10 543	31 362	116 349	11 789	-3 460	62

\* Engineering war expenditure 1940 to 1946  
 † Previously included in telephone income.  
 ‡ From 1961 expenditure on power included in "Accommodation" and not as previously in "Miscellaneous".  
 △ The "Joint Purse agreement with C & W Ltd.", applicable to some International services was replaced in 1962-63 with revised "Financial arrangements with C & W Ltd." At the same time, outpayments to other Administrations and to C & W Ltd. were regarded as expenditure and are included as such under the heading "Operating".  
 § These columns are affected by changes in capital/revenue procedures.  
 II NDPS = National Data Processing Services.  
 ■ Postal Services included from 1970.  
 ¶ For the year 1972 onward, separate financial information for "Telegraphs" and "Telephones" is not available. Details of "Telecommunications" expenditure are shown on pages 56 and 57.

TELECOMMUNICATIONS FINANCE

Analysis of Telephone Income (Years 1925 to 1971) ¶

(from page 48)

(£ thousands)

Year ended 31st March	Exchange rentals, connection, removal and loaned operator charges * ‡	Call fees ‡		Private wire rentals (including leased trunks)	Miscellaneous II (includes:—sale of stores and other repayment services, royalties, advertisements and net value of telegraph-telephone services)	Total	
		Inland	International (continental and inter-continental) §				
1925	6 612	7 622	141	407	224	15 006	
1930	9 773	10 848	492	557	222	21 892	
1935	11 174	14 070	466	793	543	27 046	
1940	13 562	20 446	308	2 075	2 523	38 914	
1945	18 464	37 104	141	12 548	19 005	87 262	
1950	24 008	53 003	1 300	7 778	3 037	89 126	
1955	37 949	71 006	1 741	9 229	3 373	123 298	
1960	77 824	110 621	4 698	10 595	4 758	208 496	
△ 1965	120 995	169 230	15 831	18 195	8 344	332 595	
1970	197 058	308 092	41 232	28 944	12 805	588 131	
Year ended 31st March	Exchange rentals, connection, removal and loaned Operator charges* ‡	Inland	International (continental and inter-continental) §	Private wire rentals (including trunks)	Miscellaneous II (includes—sale of stores and other repayment services royalties, advertisements and net value of telegraph-telephone services)	Services to Posts and Data Processing †▲	Total†
1971	248 184	369 101	45 612	31 193	15 317	1 305	710 712

\* Quarterly residence rentals included: local calls up to 50 units—October 1936, to 30th June 1952. local calls up to 25 units—1st July 1952, to 30th September 1957.  
 ‡ Includes surcharge (except in respect of Hull Corporation) — 1941 to 1950.  
 § Proportion proper to British Post Office of receipts for both outgoing and incoming calls.  
 II Includes credit for engineering and other war expenditure—1940-45.  
 ¶ The net value of telegraph-telephone services is treated as a deduction from telephone expenditure and not as an item of telephone income from 1953.  
 ▲ The "Joint Purse agreement with C & W Ltd.", applicable to some International services, was replaced in 1962-63 with revised "Financial arrangements with C & W Ltd." At the same time, outpayments to other Administrations and to C & W Ltd. were regarded as expenditure and are included as such under the heading "Operating" on page 56.  
 † Prior to 1st April 1971 payments for traffic in transit through the UK were deducted from income.  
 † With effect from 1st April 1970 certain charges made for non-tariff telecommunication services to Posts and Data Processing, previously deducted from expenditure, have been treated as income.  
 ▲ From 1st April 1971 certain motor transport and purchasing and supply services are included.  
 ¶ For the year 1972 onward, separate financial information for "Telegraphs" and "Telephones" is not available. Details of "Telecommunications" income are shown on pages 58 and 59.

TELECOMMUNICATIONS FINANCE

Analysis of Telegraph Expenditure (Years 1935 to 1971) ¶

(from page 49)

(£ thousands)

Year ended 31st March	Administrative and traffic (salaries, wages, etc.; travelling; law charges; net value of telegraph-telephone services, uniform clothing and miscellaneous stationery and printing)		Maintenance of system (salaries, wages, etc.; materials; contract work; freight; travelling and miscellaneous)		Accommodation	Pension liability	Provision for depreciation	Interest on capital	Total		
	Salaries, wages, etc.	Pension liability	Motor transport expenses	Materials							
1935	2 935		317		384	252	385	253	4 500		
1940	3 811		347		393	265	161	104	5 081		
1945	6 149		414		621	379	188	123	7 873		
1950	7 726		1 167		696	796	280	176	10 838		
1955	11 423		2 610		1 592	1 425	942	639	18 656		
Year ended 31st March	Salaries, wages, etc.	Pension liability	Motor transport expenses	Materials	Accommodation*	Miscellaneous*	Depreciation	Interest on capital	Net value of telegraph-telephone services	Total	
											1956
1960	14 363	2 171	259	719	921	571	2 148	910	835	23 167	
1961	15 033	2 173	292	768	1 164	416	2 346	980	881	24 150	
Year ended 31st March	Operating	Engineering	Supply Depts	Motor Transport	Accommodation*	Incidental expenses	Administration	Interest on capital	Net value of telegraph-telephone services	Total	
											1962
△ 1965	24 767	4 743	491	701	1 543	623	1 176	913	1 074	36 698	
1968	32 858	5 783	560	784	1 993	757	1 366	581	1 523	46 512	
Year ended 31st March	Operating §	Plant Maintenance, etc. §	Purchasing and Supplies Dept. §	Motor Transport §	Accommodation*	Incidental Expenses	Administration	Interest on capital	Use of NDPSt and Postal† Services	Net value of telegraph-telephone services	Total
1970	37 746	5 845	1 114	1 010	2 743	837	2 773	155	276	2 385	54 502
1971	36 236	7 146	1 225	1 167	2 622	1 014	3 051	59	465	3 460	58 953

\* From 1961 expenditure on power included in "Accommodation" and not as previously in "Miscellaneous".

△ The "Joint Purse agreement with C & W Ltd.", applicable to some International Services, was replaced in 1962-63 with revised "Financial arrangements with C & W Ltd." At the same time, outpayments to other Administrations and to C & W Ltd. were regarded as expenditure and are included as such under the heading "Operating".

§ These columns are affected by changes in capital/revenue procedures.

† NDPS = National Data Processing Services.

‡ Postal Services included from 1970.

¶ For the year 1972 onward, separate information for "Telegraphs" and "Telephones" is not available. Details of "Telecommunications" expenditure are shown on pages 56 and 57.

TELECOMMUNICATIONS FINANCE

Analysis of Telegraph Message Income (Years 1935 to 1971) ¶

(from page 49)

(£ thousands)

Year ended 31st March	Inland			International						Total	
	Other than press (including Govt.)			Inward and outward terminal and transit			Telegraph companies terminal traffic (inward and outward)	Ships at sea (through British coast stations)	Press, etc., broadcast services		
	Over Public counter	Phono-grams and printer-grams	Press (including phono-grams etc.)	Irish Republic	Cable	Point-to-point wireless					Anglo-continental telex
1935	..	..	..	56*	259	57	—	88	84*	58	602§
1940	1 405	970	54	62	359	67	—	152	46	75	3 190
1945	3 307	1 764	13	110	30†	3	—	269	0.1*	151*	5 647
1950	1 647	1 524	30	96	443	115	18 ‡	200	305	229	4 607

Following Transfer of some Cable & Wireless Services to Post Office, 1950

Year ended 31st March	Inland			International						Total gross income	Payments made in respect of joint purse agreements	Net PO message income	
	Other than press (including Government)			Press (including phono-grams, etc.)	Irish Republic	Telegraph companies in the UK ‡ ‡	Ships at sea (through British coast stations) § §	Press broadcasts	International telex				Other traffic
	Over public counter	Phono-grams and printer-grams	Telex service **										
1955	1 775	2 232	461	32	158	97	363	297	304	7 721	13 440	2 319	11 121
1960	1 173	1 537	1 386	28	105	143	473	370	1 615	10 777	17 607	3 220	14 387
1962	1 015	1 528	1 987	21	126	114	577	396	2 271	11 732	19 767	3 277	16 490
Year ended 31st March	Inland			International						Total Gross income			
	Other than press (including Government)			Press (including phono-grams, etc.)	Irish Republic	Telegraph companies in the UK ‡ ‡	Ships at sea (through British coast stations) § §	International telex	Leased circuits		Press broadcasts, etc.	Public messages etc.	
	Over public counter	Phone grams, and printer-grams	Telex service										
△ 1963	1 059	1 512	3 033	20	114	80	712	4 089	1 933	369	9 179	24 427	
1965	1 172	2 220	3 908	22	100	90	799	6 940	2 869	316	13 358	31 794	
1970	950	2 084	8 151	11	84	73	1 153	21 300	4 798	737	17 535	56 876	
1971	775	1 842	10 347	9	58	108	1 328	22 272	5 121	729	15 572	58 161	

\* Estimated.

† Service suspended 1941 to 1945.

‡ Service opened March, 1947.

§ Excludes Inland.

\*\* Separate network service opened 25th August 1952.

†† Inland and Outward terminal, and UK land rate on transit traffic.

‡‡ Inward and outward terminal, plus transits over Iceland cable.

§§ Inward and outward terminal only.

|| || Inward and outward terminal and transit.

△ The "Joint Purse agreement with C & W Ltd.", applicable to some International services, was replaced in 1962-63 with revised "Financial arrangements with C & W Ltd." At the same time, outpayments to other administrations and C & W Ltd. were regarded as expenditure and are included as such under the heading "Operating" on p.56.

¶ For the year 1972 onward, separate financial information for "Telegraphs" and "Telephones" is not available. Details of "Telecommunications" income are shown on pages 58 and 59.

TELECOMMUNICATIONS FINANCE

Summary ¶

(For detailed analysis see the following pages)

Year ended 31st March	Income	Expenditure	Profit	Profit Margin (Profit as percentage of income)	Fixed Assets Net expenditure	Repayments of long-term loans	Changes in working capital	Capital requirements ‡	Movement in net liquid funds	Financed from		Self financing ratio	Net assets at mean of year			Profit	Interest on capital	Supplementary depreciation	Return	Return on Capital (Return as % of net assets)
										Internal resources	External Borrowing		Fixed assets less historical depreciation	Current assets less current liabilities	Net assets					
	£m	£m	£m	%	£m	£m	£m	£m	£m	£m	£m	%	£m	£m	£m	£m	£m	£m	£m	%
1971	785.7	692.2	93.5	11.9	426.2	29.5	66.0	521.7	- 49.0	250.8	221.9	48.1	2 414.5	87.0	2 501.5	93.5	116.4	35.8	245.7	9.8
1972	884.1	826.1	58.0	6.6	537.3	29.5	- 77.1	489.7	35.2	247.2	277.7	50.5	2 762.9	74.6	2 837.5	58.0	137.1	49.7	244.8	8.6
1973	1 002.3	1 012.0	- 9.7	- 1.0	625.5	29.5	- 1.7	653.3	- 7.5	240.8	405.0	36.9	3 179.6	53.3	3 232.9	- 9.7	165.2	68.3	223.8	6.9
1974	1 160.5 *	1 221.9	- 61.4 *	- 5.3 *	696.4	29.5	111.3	837.2	-216.3	298.0	322.9	35.6	3 641.3	1.3	3 642.6	- 61.4 *	214.6	80.2	233.4	6.4
1975	1 388.1 *	1 582.6	-194.5 *	-14.0 *	787.2	29.5	139.8	956.5	- 22.4	368.7	565.4	38.6	4 167.3	- 1.8	4 165.5	-194.5 *	286.8	124.3	216.6	5.2
1976	2 166.8	2 012.1	154.7	7.1	915.9	32.7	-220.9	727.7	216.9	641.9	302.7	88.2	4 751.9	54.9	4 806.8	154.7	331.4	190.5	676.6	14.1
1977	2 658.0	2 292.6	365.4 †	13.7	834.6	36.6	- 63.4	807.8	278.9	841.9	244.8	104.2	9 403.8 §	160.6	9 564.4 §	365.4 †	366.1	-φ	731.5 φ	7.6 φ §
1978	2 917.1	2 591.6	325.5	11.2	841.5	48.1	66.0	955.6	79.2	1 034.8	-	108.3	11 086.0 §	341.0	11 427.0	325.5	367.6	-	693.1	6.1 §

¶ For years prior to 1972 income and expenditure was divided between Telephone and Telegraphs (See pages 48 to 53).

\* The figures so marked are before compensation for price restraint.

‡ Includes repayments of long-term loans but excludes movements in net liquid funds.

† Before provision for elimination of profit above the Price Code reference level.

§ The return on capital for 1977 and 1978 has been calculated in real terms ie with return (before charging interest but after charging supplementary depreciation) expressed as a percentage of net assets at replacement cost.

TELECOMMUNICATION FINANCE

Analysis of Expenditure (1971 onwards) ¶

(From page 54 and 55)

Year ended 31st March	Maintenance	Operating	Directory	Marketing and Sales	Billing	Accommodation	Motor Transport	Management and Service	Training	Miscellaneous	Purchasing and Supply Services	Research and Development §	External traffic payments to other Administrations	Interest payable	Depreciation	Pension Deficiency	Total
£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m
1971	70.5	68.4	14.5	9.9	14.8	46.8	16.8	10	25.5	47.3	17.0	9.5	35.1	116.4	157.2	31.8*	692.2
1972	95.6	83.9	18.0	13.3	20.4	56.5	18.9	14	30.4	59.1	20.5	13.5	40.0	137.1	189.2	15.5*	826.1
1973	115.0	93.9	20.7	16.5	21.6	64.8	22.9	16	35.2	71.5	24.6	15.4	54.6	165.2	249.8	24.1	1 012.0
1974	134.1	104.0	24.6	19.0	28.5	74.0	23.1	15	38.2	79.0	27.8	16.3	78.7	214.6	286.9	53.6	1 221.9
1975	167.6	137.8	34.6	30.8	38.5	95.7	29.0	27	48.8	101.6	37.7	20.2	92.3	286.3	367.9	66.1	1 582.6
1976	216.9	161.1	51.5	38.1	50.0	123.9	34.7	8	48.9	96.2	45.1	29.4	122.1	329.8	480.6	95.2	2012.1
1977	285.8	158.4	61.1	44.4	57.7	141.8	40.3	9	46.9	105.9	48.5	38.7	155.6	338.1	573.9	98.4	2 292.6
1978	331.1	151.5	70.3	48.6	61.6	163.4	47.5	10	49.4	120.7	54.3	44.6	200.7	336.9	709.9	97.3	2 591.6

§ Expenditure on accommodation, interest, depreciation and miscellaneous items is included under the appropriate headings.

¶ For years prior to 1972, expenditure was divided between Telephone and Telegraphs (see pages 50 and 52).

\* Pension liability amounts based on differing principles in these years

\*\* For years prior to 1976, known as 'Personnel' and excluding certain expenditure items included under 'Miscellaneous'

# TELECOMMUNICATIONS FINANCE

Analysis of Income (1971 onwards) ¶  
(from pages 54 and 55)

Year ended 31st March	Internal							External			Grand Total		
	Rentals				Subscribers calls	Call O receiv	Private circuits	Telegrams	Telex	Agency and miscellaneous items		Telephone services	Telegraph services
	Business	Residence	Apparatus	Total									
	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	
1971	58.8	123.4	63.9	246.1	337.9	30.0	31.8	2.7	10.4	22.9	54.0	48.7	785.7
1972	66.3	144.9	71.1	282.3	366.0	34.0	35.1	2.8	12.4	30.3	66.8	53.6	884.1
1973	73.9	174.5	73.6	322.0	407.9	39.0	35.0	3.1	13.3	34.7	80.0	67.0	1 002.3
1974	80.7	200.0	82.7	363.4	458.2	41.0	38.5	4.9	16.3	42.3	100.9	94.3	1 160.5
1975	90.8	234.5	115.8	441.1	588.1	44.0	45.3	6.6	21.9	38.5	121.7	110.8	1 388.1
1976	122.0	326.2	210.6	658.8	977.1	56.0	65.1	7.6	30.5	46.6	196.1	128.8	2 166.8
1977	130.8	372.6	243.7	747.1	1258.2	60.0	77.3	8.2	38.0	52.8	264.2	151.4	2 658.0
1978	135.2	410.0	253.7	798.9	1351.1	62.0	84.9	8.3	41.5	63.7	339.4	166.5	2 917.1

¶ For years prior to 1972, income was divided between Telephone and Telegraphs  
(See pages 51 and 53).

TELECOMMUNICATIONS FINANCE

Analysis of Fixed Assets at Net Book Values

Year ended 31st March	Plant							Ex se	Accommodation					Motor transport	Office machines	Materials awaiting installation	CS*	Grand Total	
	Inland Services								Total	Land	Buildings	Heating & Lighting plant	Furniture						Total
	Trunk and junction circuits	Local lines	Subscribers' circuits	Exchange equipment	Telegraph equipment	Datel equipment	Miscellaneous												
£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m	£m		
1971	544.6	461.8	342.2	662.6	43.4	3.7	5.7	2 128.2	43.5	211.1	53.1	15.7	323.5	20.3	3.1	88.9	—	2 564.0	
1972	610.6	507.7	377.2	791.5	47.5	4.8	7.2	2 417.6	49.4	267.7	63.9	17.5	398.5	23.9	3.3	118.5	—	2 961.8	
1973	674.3	561.7	425.1	952.1	52.4	6.5	7.9	2 757.4	51.3	326.1	86.1	19.8	483.3	22.8	3.6	130.2	8.5	3 405.8	
1974	722.9	637.8	480.9	1 146.4	59.3	6.8	8.3	3 159.4	54.6	388.3	102.3	21.7	566.9	26.4	3.7	128.9	10.2	3 895.5	
1975	779.1	709.3	565.9	1 352.6	65.2	8.2	7.3	3 598.9	60.5	453.5	121.9	23.7	659.6	31.9	4.0	131.2	13.4	4 439.0	
1976	847.1	801.5	615.4	1 551.3	73.4	10.8	8.9	4 047.1	64.5	542.6	141.1	26.3	774.5	41.7	4.3	178.9	18.3	5 064.8	
1977	896.5	873.6	674.5	1 726.2	76.4	15.5	10.2	4 446.6	67.2	608.5	159.3	28.3	863.3	41.1	3.0	203.5	23.4	5 580.9	
1978	943.3	946.7	743.1	1 872.2	83.9	17.6	11.7	4 822.1	70.5	663.8	183.1	30.4	947.8	44.2	3.2	207.1	25.0	6 049.4	

\*Communications Satellites.



**HISTORICAL**

**TELEPHONE TARIFFS AND SERVICES**

**Principal Changes in General Inland Telephone Tariffs and Conditions of Service Since 1912**

January 1912 (date of transfer to the General Post Office of all National Telephone Company exchanges)

Existing tariffs:

Exchange line rentals

	Annual rental		Provinces
	London	Provinces	
Unlimited service			
Exclusive exchange line:	£ s d	£ s d	
Business .....	17 0 0	10 0 0	
Residence .....	17 0 0	8 0 0	
Auxiliary line:			
Business .....	14 0 0	8 10 0	
Residence .....	14 0 0	8 0 0	

	County of London	Outer London	Provinces
	£ s d	£ s d	
Message rate			
Exclusive or auxiliary line .....	6 10 0	5 10 0	service not available
(Including 1d and 2d calls to the value of £1 10s per annum)			
Two-party line .....	6 0 0	6 0 0	"
(Including 1d and 2d calls to the value of £3 per annum)			
Three/ten-party line .....	Service not available	5 0 0	"
(Including 1d and 2d calls to the value of £3 per annum)			

\*Measured rate

Exclusive exchange line .....	"	service not available	£ s d	} according to area concerned
(Including 500 "local" calls per annum)			5 0 0	
Auxiliary line .....	"	"	6 0 0	
(Including 500 "local" calls per annum)			4 0 0	
Two-party line:				
Business .....	"	"	5 12 0	
(Including 500 "local" calls per annum)				
Residence .....	"	"	5 0 0	
(Including 400 "local" calls per annum)				
Four-party line .....	"	"	4 0 0	
(Including 300 "local" calls per annum)				
Rural party line:				
Business only .....	"	"	3 0 0	

\*Sliding scales in force for local calls in excess of those included in the rental

	2 miles	2 miles	1 mile
	£ s d	£ s d	£ s d
Radial distance from exchange covered by basic rental			
Charge per annum per quarter mile beyond "free" radius .....	1 15 0	1 15 0	1 5 0

Local calls from exchanges in the City of London — 1d to any other exchange in the City of London.

Local calls from other exchanges:

1d to number on same exchange.

2d to any other exchange in local telephone system.

Call-office fees:

On local calls — 2d extra.

On trunk calls — 2d per call in Provinces; in London, 3d for 3 minutes, 8 am to 7 pm and 3d for 6 minutes 7 pm to 7 am.

Trunk call charges (maximum permitted duration 6 minutes):

Miles	7 am to 7 pm		7 pm to 7 am	
	charge per 3 minutes	3 minute call	3 minute call	6 minute call
	s d	s d	s d	s d
Up to 25 .....	3	3	3	3
25-50 .....	6	6	6	6
50-75 .....	9	6	9	9
75-100 .....	1 0	6	1 0	1 0
Each additional 40 miles or part thereof .....	6	3	6	6

One local call charged for (or counted) in addition.

Reduced rate available at three-quarters of normal trunk fees for daily calls (excluding Saturdays and Sundays) of one or more quarter-hours duration, during periods of light trunk traffic, for a minimum contract of one month.

**TELEPHONE TARIFFS AND SERVICES**

September 1915

Special surcharges introduced for each new private branch exchange, exchange line and external extension provided: amount payable, difference between the net annual rental (exclusive of "local" call component) and the cost of provision. Minimum charge £4.

October 1915

Unlimited service tariff revision, as follows:

	Annual rental		Provinces
	London	Provinces	
Exclusive exchange line:	£ s d	£ s d	
Business .....	20 0 0	12 0 0	
Residence .....	20 0 0	8 0 0	
Auxiliary line:			
Business .....	17 0 0	10 0 0	
Residence .....	17 0 0	8 0 0	

Trunk call charges increased, as follows:

Miles	7 am to 7 pm		7 pm to 7 am	
	charge for 3 minutes	3 minute call	3 minute call	6 minute call
	s d	s d	s d	s d
Up to 25 .....	4	4	4	4
25-50 .....	8	8	8	8
50-75 .....	1 0	8	1 0	1 0
75-100 .....	1 4	8	1 4	1 4
Each additional 40 miles or part thereof .....	8	4	8	8

First and second unit fee calls increased to 2d and 3d respectively.

Call office fees on local and trunk calls:

London .....	3d per 3-minute chargeable period.
Provinces .....	2d per 3-minute chargeable period.

July 1919

Surcharges revised; flat rate of £4 per new exchange line and £1 per internal extension.

Extra mileage charge increased to £1 5s, per annum, per furlong ("free" radius unchanged).

April 1921

Quarterly accounts introduced.

Message rate extended to the Provinces.

Unlimited service and measured rate abolished.

Exchange line rental revision, as follows:

	London	Birmingham	Rest of
	(10-mile radius from Oxford Circus)	Glasgow, Liverpool, Manchester, (7-mile radius)	Country
	£ s d	£ s d	£ s d
Exclusive exchange line .....	2 2 6	2 0 0	1 17 6
Auxiliary line .....	1 17 6	1 15 0	1 12 6
Radial distance from exchange covered by basic rental .....	2 miles	1 mile	1 mile
Charge per furlong beyond "free" radius .....	6s 3d	6s 3d	6s 3d

Unit fee calls: 1½d up to 5 miles (3d per 3 minutes from call offices).

Discount of 5 per cent on calls in excess of 2,000 in any one year.

Rural party line rental raised to £4 per annum (subject to modification depending on route mileage).

Trunk call charges increased. Uniform charges, \*based on distance, introduced as follows.

Miles	7 am to 7 pm		7 pm to 7 am	
	3 minutes	6 minutes	3 minutes	6 minutes
	s d	s d	s d	s d
5-7½ .....	1½	3	1½	1½
7½-10 .....	3	6	3	3
10-12½ .....	4½	9	4½	4½
12½-15 .....	6	1 0	6	6
15-20 .....	7½	1 3	6	7½
20-25 .....	9	1 6	7	9
25-35 .....	1 0	2 0	8	1 0
35-50 .....	1 6	3 0	9	1 6
50-75 .....	2 0	4 0	1 0	2 0
75-100 .....	2 6	5 0	1 3	2 6
100-125 .....	3 0	6 0	1 6	3 0
125-150 .....	3 6	7 0	1 9	3 6
Each additional 50 miles or part thereof .....	1 0	2 0	6	1 0

\*An additional local fee of 1½d per call was charged.

Call office fee on trunk calls — 3d per 3 minutes, 7 am to 7 pm and 3d for 6 minutes, 7 pm to 7 am.

Surcharges abolished.

TELEPHONE TARIFFS AND SERVICES

July 1922

Exchange line residence rates introduced for telephones in private residences as follows:

Quarterly rental	London	Birmingham	Rest of Country
	(10-mile radius from Oxford Circus)	Glasgow, Liverpool, Manchester, (7-mile radius)	
	£ s d	£ s d	
Exclusive exchange lines	1 15 0	1 12 6	1 10 0
Auxiliary line	1 12 6	1 10 0	1 7 6

Extra mileage quarterly charge reduced to 5s per furlong ("free" radius unchanged).  
Local calls reduced to 1½d (0-5 miles) and 2½d (5-7½ miles).  
Local calls from call offices: 3d (0-5 miles), 4½d (5-7½ miles) for 3 minutes, 7 am to 7 pm and 6 minutes, 7 pm to 7 am.  
Local call fee abolished on trunk calls.

Afternoon rate introduced from 2 pm to 7 pm on timed calls. New charges for 3 minutes as follows:

Miles	7 am to 2 pm			2 pm to 7 pm			7 pm to 7 am		
	s	d		s	d		s	d	
7½-10	4			3½			3		
10-12½	5½			4½			3		
12½-15	7			5½			3½		
15-20	8½			7			4		
20-25	10			8			5		
25-35	1 1			10			6		
35-50	1 6			1 1			9		
50-75	2 0			1 6			1 0		
75-100	2 6			2 0			1 3		
100-125	3 0			2 4			1 6		
125-150	3 6			2 8			1 9		
150-200	4 6			3 6			2 3		
Each additional 50 miles or part there	1 0			9			9		

Call office fee on trunk calls - 2d per 3 minutes, 7 am to 7 pm and 6 minutes, 7 pm to 7 am.

July 1923

Exchange line rental revision, as follows:

Quarterly rental	London	Birmingham	Rest of Country
	(10-mile radius from Oxford Circus)	Glasgow, Liverpool, Manchester, (7-mile radius)	
	£ s d	£ s d	
Exclusive exchange line:			
Business	2 0 0	1 17 6	1 15 0
Residence	1 12 6	1 10 0	1 7 6
Auxiliary line:			
Business	1 15 0	1 12 6	1 10 0
Residence	1 10 0	1 7 6	1 5 0

Note: Not applied to rural exchanges with fewer than 15 subscribers (where the special rental of £2 per quarter was in operation).

"Free" radius from exchange increased to 1½ miles in the Provinces.

Trunk call charges on calls up to 20 miles reduced as follows:

Miles	7 am to 2 pm			2 pm to 7 pm			7 pm to 7 am		
	s	d		s	d		s	d	
7½-10	4			3			3		
10-12½	5			4			3		
12½-15	6			4			3		
15-20	8			6			4		

Call office charges reduced as follows:

Local calls - 2d (0-5 miles), 4d (5-7½ miles) for 3 minutes, 7 am to 7 pm and 6 minutes, 7 pm to 7 am.

Trunk calls (over 7½ miles), 2d additional for 3 minutes, 7 am to 7 pm and 6 minutes, 7 pm to 7 am.

July 1924

First and second unit fee calls from subscribers' lines reduced to 1d and 2d respectively. Rebate for large users abolished.

Trunk call charges on calls up to 50 miles reduced as follows for 3 minutes:

Miles	7 am to 2 pm			2 pm to 7 pm			7 pm to 7 am		
	s	d		s	d		s	d	
7½-10	3			3*			3		
10-12½	4			3			3*		
12½-15	5			4*			3*		
15-20	7			5			4*		
20-25	9			7			5*		
25-35	1 0			9			6*		
35-50	1 6			1 0			9*		

\*No change

TELEPHONE TARIFFS AND SERVICES

July 1925

Minimum deposit reduced to £1.

May 1929

Trunk calls over distances exceeding 35 chargeable miles charged in single-minute periods after the first 3 minutes.

July 1929

"Free" radius from exchange increased to 2 miles in the Provinces.

October 1929

Trunk call charges, in the undermentioned charge steps, reduced to:

Miles	7 am to 2 pm		2 pm to 7 pm		7 pm to 7 am	
	s	d	s	d	s	d
100-125	3	0*	2	3	1	6*
125-150	3	6*	2	9†	1	9*
150-200	4	6*	3	3	2	3*
200-250	4	6	3	3	2	3
250-300	5	6	4	0	2	9
300-350	5	6	4	0	2	9
350-400	6	6	4	9	3	3
400-450	6	6	4	9	3	3
Each additional 100 miles or part thereof	1	0	9		6	

\*No change †Penny increase

January 1931

Rural exchange line rentals reduced to normal tariff (exchanges with from 8 to 14 subscribers).

October 1931

Graduated rate introduced for extensions on large installations.

July 1934

Threepenny and fourpenny calls transferred to "local" category.

October 1934

Exchange line rental revision, as follows:

Quarterly rental	London	Birmingham	Rest of Country
	(10-mile radius from Oxford Circus)	Glasgow, Liverpool, Manchester, (7-mile radius)	
	£ s d	£ s d	
Exclusive exchange line:			
Business	1 18 0	1 15 0	1 12 0
Residence	1 6 0	1 3 0	1 0 0
Auxiliary line:			
Business	1 13 0	1 10 0	1 7 0
Residence	1 3 6	1 0 6	17 6
Business small user tariff introduced	1 12 0	1 9 0	1 6 0

Call charges revised: introduction of upper limit for long-distance call charges exclusive of cable charges for sea crossings and of call office charges. Charges for 3 minutes as follows:

Miles	9 am to 2 pm		5 am to 9 am		2 pm to 7 pm		7 pm to 5 am	
	s	d	s	d	s	d	s	d
7½-10	3		3		3		3	
10-12½	4		3		3		3	
12½-15	5		4		3		3	
15-20	7		5		4		4	
20-25	9		7		5		5	
25-35	1 0		9		6		6	
35-50	1 6		1 0		9		9	
50-75	2 0		1 6		1 0		1 0	
75-125	2 6		2 0		1 0		1 0	
125-200	3 0		2 6		1 0		1 0	
200-300	3 6		3 0		1 0		1 0	
Over 300 (max. charge)	4 0		3 6		1 0		1 0	

Deposit system abolished for new subscribers and various charges for minor facilities reduced.

Connection charges introduced:

Per exchange line - 15s 0d (amount reduced if wiring already exists).

Per extension - 5s 0d.

October 1935

"Free" radius from exchange increased to 3 miles.

New rental scheme for subscribers outside the three-mile radius but within range of a call office.

Call-office fee on trunk calls reduced to 2d per call irrespective of duration.

**TELEPHONE TARIFFS AND SERVICES**

**May 1936**

Timing withdrawn from all calls up to 15 chargeable miles. Charges for untimed calls now as follows:

Miles	Calls from ordinary lines	Calls from call offices
	d	d
0-5	1	2
5-7½	2	4
7½-12½	3	5
12½-15	4	6

Timed call charges for 3 minutes revised as follows (exclusive of cable charges for sea crossings and call office charges):

Miles	9 am to 2 pm		5 am to 9 am		2 pm to 7 pm		7 pm to 5 am	
	s	d	s	d	s	d	s	d
15-20	7*		5*		4*			
20-25	9*		7*		5*			
25-35	1	0*	9*		6*			
35-50	1	3	1	0*	9*			
50-75	1	6	1	6*	1	0*		
75-125	2	0	2	0*	1	0*		
Over 125	2	6	2	6	1	0*		

\*No change

**October 1936**

Free call allowance of 50 penny units per quarter introduced for residential subscribers (monthly accounts 16 units). Exchange line rental revision for business subscribers; rentals now as follows:

Quarterly rental	London (10-mile radius from Oxford Circus)	Birmingham Glasgow, Liverpool, Manchester, (7-mile radius)	Rest of Country
	£ s d	£ s d	£ s d
Exclusive exchange line:			
Business	1 15 6	1 12 6	1 9 6
Residence	1 6 0	1 3 0	1 0 0
Auxiliary lines:			
Business	1 8 0	1 5 0	1 2 0
Residence	1 3 6	1 0 6	17 6
Business small user	1 9 6	1 6 6	1 3 6

**November 1937**

Abolition of submarine cable charge to Northern Ireland and Isle of Man.

**April 1939**

Abolition of submarine cable charge to certain Scottish islands.

**May 1939**

Abolition of submarine cable charge to Channel Islands.

**September 1939**

All cheap afternoon and night rates withdrawn. Trunk calls charged at full rate at all times.

**February 1940**

Cheap night rates restored and trunk call charge periods revised as follows:

Subscribers' lines -	Call offices and coin box lines -
Day (full) rate - 5 am to 7 pm	Day (full) rate - 5 am to 6.30 pm
Night (cheap) rate - 7 pm to 5 am	Night (cheap) rate - 6.30 pm to 5 am

**May 1940**

Trunk call charges increased 15 per cent.

Calls up to 4d: charges increased 15 per cent except for call offices and coin box lines (but charges for calls from call offices increased from 5d to 6d to 7½ to 12½ miles and from 6d to 7d for 12½ to 15 miles).

**July 1940**

Exchange line rentals and miscellaneous charges surcharged 15 per cent.

**November 1942**

Night rate period advanced to 6 pm for call offices and coin box lines.

**TELEPHONE TARIFFS AND SERVICES**

**January 1943**

Quarterly accounting suspended, half-yearly accounting introduced.

**April 1943**

Trunk call charge periods revised as follows:

	Subscribers' lines -	Call offices and coin box lines -
Day (full) rate	Midnight to 6.30 pm and 9.30 pm to midnight.	Midnight to 5.30 pm and 9.30 pm to midnight.
Night (cheap) rate	6.30 pm to 9.30 pm	5.30 pm to 9.30 pm

**May 1943**

Trunk charges (increased 50 per cent above pre-war) for 3-minute calls as follows and extensions of time charged in one-minute periods on all timed calls.

Miles	Midnight to 6.30 pm and 9.30 pm to midnight*		6.30 pm to 9.30 pm†	
	s	d	s	d
15-20	10		6	
20-25	1	2	8	
25-35	1	6	9	
35-50	1	10	1	2
50-75	2	3	1	6 (Max. charge)
75-125	3	0	1	6
Over 125 (max. charge)	3	9	1	6

\*Midnight to 5.30 pm and 9.30 pm to midnight for calls from call offices and coin-box lines. †5.30 pm to 9.30 pm for calls from call offices and coin-box lines.

**July 1946**

Reduction of 11s 6d per annum (including surcharge) in the exchange line rental of subscribers having shared service.

**April 1949**

Business small user tariff withdrawn for new subscribers.

**July 1949**

Calls up to 4d: charges increased 50 per cent above pre-war, except for call offices and coin-box lines on which only increase was from 7d to 8d for a four-unit call.

**October 1950**

Cheap-rate call period changed to 6 pm - 10.30 pm for all trunk calls.

**October 1951**

Call office and coin-box unit-fee call charge increased to 3d. Additional call office and coin-box fee on timed calls increased to 3d. Call charges now as follows:

Miles	Midnight to 6 pm and 10.30 pm to midnight		6 pm to 10.30 pm	
	subscribers' lines	*call offices and coin box lines	subscribers' lines	*call offices and coin box lines
Untimed calls:				
Up to 5	s d	s d	s d	s d
5-7½	1½	3	1½	3
7½-12½	3	4	3	4
12½-15	4½	6	4½	6
	6	8	6	8
Timed trunk calls - charge for first 3 minutes:				
15-20	10	1 1	6	9
20-25	1 2	1 5	8	11
25-35	1 6	1 9	9	1 0
35-50	1 10	2 1	1 2	1 5
50-75	2 3	2 6	1 6 (Max. charge)	1 9
75-125	3 0	3 3	1 6 (charge)	1 9
Over 125 (max. charge)	3 9	4 0	1 6	1 9

\*Includes call office fee.

Extensions of time on timed calls charged in minute periods; no further call office fee payable.

## TELEPHONE TARIFFS AND SERVICES

### July 1952

Exchange line rental revision, as follows:

Quarterly rental	London (10-mile radius from Oxford Circus)	Birmingham Glasgow, Liverpool, Manchester, (7-mile radius)	Rest of Country
	£ s d	£ s d	£ s d
Exclusive exchange line:			
Business	2 15 0	2 10 0	2 5 0
Business small user	2 5 0	2 0 0	1 15 0
*Residence	2 0 0	1 15 0	1 10 0
Auxiliary lines:			
Business	2 2 0	1 17 6	1 13 0
*Residence	1 15 3	1 10 9	1 6 3
Shared line:			
Business	2 7 6	2 2 6	1 17 6
Business small user	1 17 6	1 12 6	1 7 6
*Residence	1 12 6	1 7 6	1 2 6

\*The residence rentals include 50 free (1½d) call units per half year.

Extra mileage quarterly charge increased to 7s 6d per furlong.

Connection charges: per exchange line — £1 10s 0d (less if wiring exists).

per extension — 10s 0d (reduced rate per extension beyond 10).

Rural party line rental increased to £1 10s 0d per quarter (subject to modification depending on route mileage).

### January 1956

Charges for calls from ordinary subscribers' lines increased, as follows:

Untimed calls:

Up to 5 miles . . . . . 2d

5-7½ miles . . . . . 4d

7½-12½ miles . . . . . 6d

12½-15 miles . . . . . 8d

Timed trunk calls — reduced rate period (6 pm to 10.30 pm):

15-20 miles . . . . . 8d (3 mins) plus 2d for each additional minute.

(Charges for calls from call-offices unchanged.)

Exchange line rentals increased as follows:

	London (10-mile radius from Oxford Circus)	Birmingham Glasgow, Liverpool, Manchester, (7-mile radius)	Rest of Country
	£ s d	£ s d	£ s d
Exclusive exchange line:			
Business	3 0 0	2 17 6	2 15 0
Business small user	2 15 0	2 12 6	2 10 0
*Residence	2 10 0	2 7 6	2 5 0
Auxiliary lines:			
Business	2 10 0	2 7 6	2 5 0
*Residence	2 5 0	2 2 6	2 0 0
Shared line:			
Business	2 12 6	2 10 0	2 7 6
Business small user	2 7 6	2 5 0	2 2 6
*Residence	2 2 6	2 0 0	1 17 6

\*The residence rentals include 50 free (2d) call units per half year.

Temporary disconnection of telephone service, transfers and interceptions of calls, charges increased to:

	£ s d
(1) Each separate continuous period up to 7 days . . . . .	5 0
(2) Each separate continuous period exceeding 7 days:	
For the first 7 days . . . . .	5 0
For each 24 hours or part thereof in excess of 7 days . . . . .	9
(3) Three or more separate periods booked in advance and falling within:	
One month . . . . .	15 0
Two successive months . . . . .	1 10 0
Three successive months . . . . .	2 0 0

in lieu of the charges mentioned in (1) and (2).

## TELEPHONE TARIFFS AND SERVICES

### January 1956—contd.

Advice of duration and/or charge for a call—introduction of a charge of 3d.

Alarm calls—subscribers' lines—charge increased to 6d.

Connexion charges increased, as follows:

	£ s d
Per exchange line . . . . .	3 0 0 (less if wiring exists)
Per extension . . . . .	10 0 (irrespective of existing number of extensions)

Detailed statement of timed calls:

For each 25 calls or part thereof in each monthly

list of calls . . . . . 1 0

Transferred charge calls . . . . . 3 per call (with certain exceptions)

### July 1956

Call charges increased as follows:

Untimed calls:	Subscribers' lines	Call offices and coin-box lines
	s d	s d
Up to 5 miles . . . . .	2½	3*
5-7½ miles . . . . .	5	6
7½-12½ miles . . . . .	7½	9
12½-15 miles . . . . .	10	1 0

\*Unchanged until 1st January 1957

Timed trunk calls:— reduced rate period (6pm to 10.30 pm):	Subscribers' lines	Call offices and coin-box lines
	s d	s d
15-20 miles . . . . .	10	1 1
20-25 miles . . . . .	10	1 1
25-35 miles . . . . .	1 0	1 3
35-50 miles . . . . .	1 3	1 6
50-75 miles . . . . .	1 6	1 9
75-125 miles . . . . .	2 0	2 3
Over 125 miles . . . . .	2 6	2 9

### January 1957

Call office and coin-box lines unit-fee call charge increased to 4d.

### October 1957

Call charges increased as follows:

Untimed calls:	Subscribers' lines	Call offices and coin-box lines		
	s d	s d		
Up to 5 miles . . . . .	3	4		
5-7½ miles . . . . .	6	8		
7½-12½ miles . . . . .	9	1 0		
12½-15 miles . . . . .	1 0	1 3		
			Midnight to 6 pm and 10.30 pm to midnight	6 pm to 10.30 pm
			Call office	Call office
Timed trunk calls:	Subscriber	and coin-box	Subscriber	and coin-box
15-20 miles . . . . .	1 0	1 3	1 0	1 3
20-25 miles . . . . .	Unchanged		1 0	1 3

Exchange line rentals increased as follows:

Quarterly rental	Whole of United Kingdom	
	£ s d	
Business:		
Exclusive and auxiliary lines . . . . .	3 10 0	
Shared service . . . . .	3 0 0	
Residence:		
Exclusive and auxiliary lines . . . . .	3 0 0	
Shared Service . . . . .	2 10 0	

Geographical differential, separate auxiliary line and BSU tariffs, and free call allowance for residence rate subscribers abolished.

New rentals introduced for PMBX switchboards.

£2 to £25 per board per quarter according to type.

PABX rentals increased.

Connexion charge increased as follows:

Per exchange line	£5
Per extension	£2 to £5 according to type.

Removal charges increased.

**TELEPHONE TARIFFS AND SERVICES**

**January 1958**

Group charging introduced. Exchange to exchange measurement replaced by distances between central points of exchange groups for call charge purposes.

Untimed calls:

Call charges revised

Calls to exchanges within the same (home) charging group or to exchanges in adjacent charging groups . . . . .

Calls to exchanges outside the home and adjacent charging groups and which were previously untimed . . . . .

Subscriber	Call office and coin-box lines
3d	4d
3d	4d
1s 0d*	1s 3d

Timed trunk calls:

Distance between charging points (i.e. central exchanges of charging groups)

Outside untimed call area and up to 35 miles

35-50 miles . . . . .

50-75 miles . . . . .

75-125 miles . . . . .

Over 125 miles . . . . .

Subscriber	Midnight to 6 pm and 10.30 pm to midnight		6 pm to 10.30 pm	
	Subscriber	Call office and coin-box	Subscriber	Call office and coin-box
s d	s d	s d	s d	
1 0	1 3	1 0	1 3	
1 9	2 0	1 3	1 6	
2 3	2 6	1 6	1 9	
3 0	3 3	2 0	2 3	
3 6	3 9	2 6	2 9	

**July 1958**

Trunk call charge periods revised as follows:

Full rate 6 am-6 pm—Monday to Saturday.  
6 am-2 pm—Sunday.

Cheap rate 6 pm-midnight—Monday to Saturday.  
2 pm-midnight—Sunday.  
Midnight-6 am—Daily.

**December 1958**

Coin box calls charged at the 3-minute rate for each 3 minutes or part thereof after the first 3 minutes, instead of in minute steps.

Fixed Time call charge increased to 6d for a single call and 5d for each call in a daily series of five or more.

**December 1958**

Subscriber Trunk Dialling (STD) call tariff introduced.

Local calls\* (whether dialled or made via the operator)

Dialled Trunk Calls:

Up to 35 miles . . . . .

35-50 miles . . . . .

Over 50 miles . . . . .

Trunk calls via the operator charged at the rates previously in force.

Monday to Saturday 6 am-6 pm	All other periods
Sunday 6 am-2 pm 2d for 3 minutes	2d for 6 minutes
2d for 30 seconds	2d for 45 seconds
2d for 20 seconds	2d for 30 seconds
2d for 12 seconds	2d for 18 seconds

**September 1959**

STD call tariff introduced for Pay-on-answer coin boxes:

Local calls (whether dialled or made via the operator)

Dialled Trunk Calls:

Up to 35 miles . . . . .

35-50 miles . . . . .

Over 50 miles . . . . .

Monday to Saturday 6 am-6 pm	All other periods
Sunday 6 am-2 pm 3d for 3 minutes	3d for 6 minutes
3d for 30 seconds	3d for 45 seconds
3d for 20 seconds	3d for 30 seconds
3d for 12 seconds	3d for 18 seconds

Trunk calls via the operator charged at the rates previously in force.

**April 1960**

Rental for installations connected to telephone exchanges with less than 8 lines reduced to standard tariff.

**July 1960**

Cheap rate period for Trunk calls (including STD calls) extended to cover all day Sunday.

**TELEPHONE TARIFFS AND SERVICES**

**September 1960**

Charges for Trunk calls made via an operator during the cheap rate period revised as follows:

	Subscriber		Call offices and coin boxes	
	s	d	s	d
Up to 35 miles . . . . .				
35 miles-125 miles . . . . .	9		1	0
Beyond 125 miles . . . . .	2	0	2	3

On accounts rendered from 1st September charge for untimed calls from residence lines, on exchanges without STD, reduced from 3d to 2½d per unit.

Rentals and connexion charges for certain PABXs reduced.

**July 1961**

New scale of connexion charges for exchange lines introduced—maximum charge increased to £10.

Excess mileage rentals abolished; replaced by excess connexion charge for exchange lines over 3 miles in length.

**August 1961**

Period for unit fee for local calls from subscribers having STD facilities increased in the cheap rate period from 6 minutes to 12 minutes.

**November 1961**

Exchange line rentals increased as follows:

Quarterly rental	£	s	d
Business:			
Exclusive . . . . .	4	0	0
Shared service . . . . .	3	10	0
Residence:			
Exclusive . . . . .	3	10	0
Shared service . . . . .	3	0	0
Exchange line connected to PBX owned and maintained by subscriber . . . . .	3	15	0

Rentals and other charges for PMBX's, HES, internal and external extensions, and private circuits revised.

Quarterly accounting re-introduced.

**April 1963**

Period for unit fee for local calls from subscribers having STD facilities increased in the full rate period from 3 minutes to 6 minutes.

Trunk call charges revised as follows:

Calls made via an operator	Full Rate Period		Cheap Rate Period	
	Subscriber	Call offices and coin boxes	Subscriber	Call offices and coin boxes
Up to 35 miles . . . . .	Unchanged		Unchanged	
35 miles-50 miles . . . . .	2	0	2	3
50 miles-75 miles . . . . .	3	0	2	0
75 miles-125 miles . . . . .	3	6	2	3
Over 125 miles . . . . .	4	0	2	3
Calls dialled by STD subscribers				
Up to 35 miles	Unchanged		Unchanged	
35 miles-50 miles	2d for 15 secs	3d for 15 secs	2d for 22½ secs	3d for 22½ secs
Over 50 miles	2d for 10 secs	3d for 10 secs	2d for 15 secs	3d for 15 secs

**July 1966**

Provision of exchange line service subject to the condition that the first 12 months rental is paid in advance. Applied to all requests for new exchange lines, take-overs in situ and removals to another address.

**TELEPHONE TARIFFS AND SERVICES**

**January 1967**

Some cheap rate call charges revised and 3d slot on Pay-on-answer (ie STD) coin boxes closed.  
Revised call charges as follows:

	Full rate		Cheap rate	
	Subscribers	Call offices and coin boxes	Subscribers	Call offices and coin boxes
<i>From Non-STD connexions</i>	s	d	s	d
Local calls (untimed)		3*		3*
Trunks calls:				
Up to 35 miles	1	0	1	0
35 miles—50 miles	2	0	1	3
50 miles—75 miles	3	0	1	9
75 miles—125 miles	3	6	2	3
Over 125 miles	4	0	2	3
<i>From STD connexions</i>				
Local calls	2d for 6 min	6d for 6 min	2d for 12 min	6d for 12 min
Dialled Trunk call†				
Up to 35 miles	2d for 30 sec	6d for 60 sec	2d for 60 sec	6d for 120 sec
35 miles—50 miles	2d for 15 sec	6d for 30 sec	2d for 30 sec	6d for 60 sec
Over 50 miles	2d for 10 sec	6d for 20 sec	2d for 20 sec	6d for 40 sec

\*2½d from residence lines  
†Trunk calls connected by an operator charged at Non-STD tariff

Rental charge for coin box increased to £2. 10s per quarter.  
Personal call fee in the cheap rate period increased to 1s.  
Transferred charge call fee increased to 6d on calls where the money has to be inserted in a coin box.  
**June 1967**  
Year's rental in advance condition amended: waived for take-overs in situ where no engineering work required at subscriber's premises.

**April 1968**

The maximum connexion charge for a new exchange line increased to £20.  
Requirement for year's rental in advance withdrawn.

**October 1968**

Revised quarterly rentals for residential exchange lines as follows:

Exclusive service	£4 0s 0d
Shared service	£3 10s 0d.

New rentals and connexion charges introduced for PMBX's and PABX's; rentals for private circuits revised.  
Internal removal charges for PMBX's and PABX's increased to twice the new quarterly rental.  
New rentals introduced for internal plan arrangements.  
Rental and connexion charges for most subsidiary apparatus increased.  
Miscellaneous removal, change of apparatus and single payment charges increased to £1 10s. 0d.  
Increased call charges included:

	Standard	Intermediate	Cheap
8 am to 6 pm			6 pm to 8 am
Monday to Friday		8 am to 6 pm Saturday	Monday to Saturday and all day Sunday

**Local Calls**

**From STD exchanges:**

Ordinary subscribers	2d for 4 mins	2d for 12 mins	2d for 12 mins
Coin boxes	6d for 6 mins	6d for 12 mins	6d for 12 mins

Local calls from exchanges without STD will be unchanged

**Trunk calls:**

	Secs for 2d	Secs for 2d	Secs for 2d
STD:			
Ordinary subscribers:			
Up to 35 miles	24	36	60
35—50 miles	12	18	30
Over 50 miles	8	12	
Coin boxes:			
Up to 35 miles	Secs for 6d	Secs for 6d	Secs for 6d
35—50 miles	48	72	120
Over 50 miles	24	36	60

**TELEPHONE TARIFFS AND SERVICES**

	Standard	Intermediate	Cheap
	8 am to 6 pm Monday to Friday	8 am to 6 pm Saturday	6 pm to 8 am Monday to Saturday and all day Sunday
<i>Connected by the operator</i>			
Ordinary subscribers:			
Up to 35 miles	3 mins	3 mins	3 mins
35—50 miles	1s 6d	1s 0d	6d
50—75 miles	2s 6d	2s 0d	1s 0d
75—125 miles	4s 0d	3s 0d	2s 0d
Over 125 miles			
Coin boxes:			
Up to 35 miles	2s 6d	1s 6d	1s 0d
35—50 miles	3s 6d	2s 6d	1s 6d
50—75 miles	5s 0d	3s 6d	2s 6d
75—125 miles			
Over 125 miles			

Miscellaneous call charges revised.

**13 June 1969**

Midnight Line service available . . . . . Rental £220 per annum which includes unlimited number of inland dialled calls between midnight and 6 am.  
Connexion charge £50.

**13 April 1970**

Revised connexion charges for exchange lines in premises within three miles of an exchange.

- (a) New line for new customer:
  - (i) External and internal wiring providing or brought into use for the first time . . . . . £
  - (ii) External wiring only provided or brought into use for the first time . . . . . 25
- (b) New line for removing customer or additional line for an existing customer:
  - (i) External and internal wiring required . . . . . 20
  - (ii) External wiring only required . . . . . 15
- (c) In situ installations taken over or service provided in premises where wiring exists from a previous installation:
  - (i) Takeover without alteration . . . . . NIL
  - (ii) Number changed at customer's request . . . . . 2
  - (iii) Telephone provided in the same position as before, or an existing telephone changed at the customer's request . . . . . 3
  - (iv) Existing telephone moved to a new position, or a new telephone provided in a new position . . . . . 5

Some reductions were made to the above if several jobs done to the same installation and at the same time.

**1 July 1970**

Revised quarterly rentals for exchange lines as follows:

	Exclusive			Shared Service		
	£	s	d	£	s	d
Business line	6	0	0	5	0	0
Line other than business line	5	0	0	4	0	0
Exchange line connected to apparatus owned and maintained by the customer	5	10	0	N/A		

New connexion charges introduced for internal extensions and plan arrangements. Internal PBX extension rentals increased to £1 per quarter.  
Removal and change of apparatus charges for telephone instruments on extensions brought into line with charges for exchange line instruments.  
Miscellaneous apparatus rentals rounded down in preparation for decimal currency.

## TELEPHONE TARIFFS AND SERVICES

Revised inland tariffs included:

### LOCAL CALLS

#### FROM STD EXCHANGES

Ordinary lines: Time bought for 2½d

Monday to Friday 8 am to 6 pm 6 minutes  
Monday to Friday 6 pm to 8 am and all day Saturday and Sunday 12 minutes

Coin-box lines: Time bought for 6d

Monday to Friday 8 am to 6 pm 4 minutes  
Monday to Friday 6 pm to 8 am and all day Saturday and Sunday 8 minutes

#### FROM OTHER EXCHANGES

Ordinary lines: Residence and Business 3½d at all times

Coin-box lines: 4d at all times

### INLAND TRUNK CALLS

#### DIALLED DIRECT

Ordinary lines

Time bought for 2½d

Peak rate	Standard rate	Cheap rate	Distance in miles
Mon.—Fri. 9 am — noon	Mon.—Fri. 8 am — 9 am noon — 6 pm	Every night 6 pm — 8 am and all day Sat/Sun	
20 seconds	30 seconds	72 seconds	Up to 35
12 seconds	15 seconds	36 seconds	35 to 50
8 seconds	10 seconds	36 seconds	Over 50

Coin-box lines

Time bought for 6d

Standard rate	Cheap rate	Distance in miles
Mon.—Fri. 8 am — 6 pm	Every night 6 pm — 8 am and all day Sat. and Sun.	
36 seconds	90 seconds	Up to 35
30 seconds	60 seconds	35 to 50
20 seconds	60 seconds	Over 50

#### CONNECTED BY OPERATOR

Ordinary lines

3 minute call — minimum charge (each subsequent minute or part of a minute at 1/3 rate shown).

Peak rate	Standard rate	Intermediate rate*	Cheap rate*	Distance in miles
Mon.—Fri. 9 am — noon	Mon.—Fri. 8 am — 9 am noon — 6 pm	Saturday 8 am — 6 pm	Every night 6 pm — 8 am and all day Sunday	
s d 2 0	s d 1 9	s d 1 0	s d — 9	Up to 35
s d 3 6	s d 2 9	s d 2 0	s d 1 3	35 to 50
s d 5 0	s d 4 6	s d 3 0	s d 2 0	Over 50

Coin-box lines

Each three minutes or part thereof

Standard rate	Intermediate rate*	Cheap rate*	Distance in miles
Mon.—Fri. 8 am — 6 pm	Saturday 8 am — 6 pm	Every night 6 pm — 8 am and all day Sunday	
s d 3 0	s d 2 0	s d 1 6	Up to 35
s d 4 0	s d 3 0	s d 2 0	35 to 50
s d 5 0	s d 4 0	s d 2 6	Over 50

Coin-box rates given a separate structure unrelated to ordinary subscriber rates, whether dialled or connected by operator; the charge for the second and subsequent three minute periods became the same as for the initial three minute (minimum) charge.

Rebate of 30 per cent given to coin-box renters on the sums recorded as having been deposited in the coin-box in respect of all dialled calls and inland calls via the operator.

Miscellaneous call charges were revised.

\*May be suspended during some public holidays.

### 15 February 1971

Decimalisation of all charges.

Call charges: for ordinary telephone call charges the unit charge of 2½d was converted to 1p (2.4d) and the non-STD local call charge of 3½d to 1½p (3.6d). Charges for manually connected trunk calls were converted to the nearest practical equivalent. Telephone coinbox call charges were adjusted to suit the new coins the boxes were to accept—2p (4.8d) and 10p (2s).

Revised inland tariffs included:

### LOCAL CALLS

#### FROM STD EXCHANGES

Ordinary lines: Time bought for 1p.

Monday to Friday 8 am to 6 pm 6 minutes  
Monday to Friday 6 pm to 8 pm and all day Saturday and Sunday 12 minutes

## TELEPHONE TARIFFS AND SERVICES

Coin-box lines: Time bought for 2p

Monday to Friday 8 am to 6 pm 3 minutes  
Monday to Friday 6 pm to 8 am and all day Saturday and Sunday 6 minutes

#### FROM OTHER EXCHANGES

Ordinary lines: Residence and Business 1½p at all times

Coin-box lines: 2p at all times

### TRUNK CALLS

#### DIALLED DIRECT

Ordinary lines

Time bought for 1p

Peak rate	Standard rate	Cheap rate	Distance in miles
Mon.—Fri. 9 am — noon	Mon.—Fri. 8 am — 9 am noon — 6 pm	Every night 6 pm — 8 am and all day Sat./Sun.	
20 seconds	30 seconds	72 seconds	Up to 35
12 seconds	15 seconds	36 seconds	35 to 50
8 seconds	10 seconds	36 seconds	Over 50

Coin-box lines

Time bought for 2p

Standard rate	Cheap rate	Distance in miles
Mon.—Fri. 8 am — 6 pm	Every night 6 pm — 8 am and all day Sat. and Sun.	
30 seconds	90 seconds	Up to 35
24 seconds	45 seconds	35 to 50
15 seconds	45 seconds	Over 50

#### CONNECTED BY OPERATOR

Ordinary lines

3 minute call — minimum charge (each subsequent minute or part of a minute at 1/3 rate shown).

Peak rate	Standard rate	Intermediate rate	Cheap rate	Distance in miles
Mon.—Fri. 9 am — noon	Mon.—Fri. 8 am — 9 am noon — 6 pm	Saturday 8 am — 6 pm	Every night 6 pm — 8 am and all day Sunday	
p 10½	p 9	p 6	p 3	Up to 35
p 18	p 13½	p 9	p 6	35 to 50
p 25½	p 22½	p 15	p 9	Over 50

Coin-box lines

3 minute call — minimum charge and each subsequent 3 minute period.

Standard rate	Intermediate rate	Cheap rate	Distance in miles
Mon.—Fri. 8 am — 6 pm	Saturday 8 am — 6 pm	Every night 6 pm — 8 am and all day Sunday	
p 16	p 10	p 6	Up to 35
p 20	p 16	p 10	35 to 50
p 26	p 20	p 12	Over 50

### 8 May 1972

Revised connexion charges for exchange lines in premises within three miles of an exchange:

(a) New line for new customer where external wiring has to be provided or brought into use for the first time	£
(b) New line for removing customer or additional line for an existing customer where external wiring has to be provided or brought into use for the first time	35
(c) In situ installations taken over or service provided in premises where external wiring exists from a previous installation:	20
— Takeover without alteration	NIL
— Number changed at customer's request	2
— Telephone provided in the same position as before, or an existing telephone changed at the customer's request	3
— Existing telephone moved to a new position, or a new telephone provided in a new position in the same building	5

Notes: The changes from the scale of connexion charges introduced on 13 April 1970 are that:

The maximum charge for a new line for a new customer is increased from £25 to £35. The reduction of £5 is abolished in the case of new lines where no new internal wiring is required at the customer's premises.

**TELEPHONE TARIFFS AND SERVICES**

**1 October 1972**

Revised quarterly rentals for exchange lines as follows:

	<i>Exclusive Service</i> £	<i>Shared Service</i> £
Business line . . . . .	6.50	5.50
Line other than a business line . . . . .	5.50	4.50
Exchange line connected to apparatus owned and maintained by the customer . . . . .	6.00	N/A

**1 April 1973**

Telephone services became liable to Value Added Tax (VAT) at the standard rate of tax of 10%. Generally charges were not changed, the tax being collected by a 10% addition to customers bills. This method was not possible for calls from coinboxes and coinbox call charges were adjusted to a VAT-inclusive form.

**2 April 1973**

Revised Inland Call Charges (inclusive of Value Added Tax) for Coinbox Lines:

LOCAL CALLS FROM STD EXCHANGES
2p for 3 minutes or part of 3 minutes at all times
FROM OTHER EXCHANGES
2p at all times

**TRUNK CALLS**

DIALLED DIRECT		Distance in miles	CONNECTED BY OPERATOR	
Time allowed for 2p in any one call			Charge for each 3 minute or part of 3 minutes	
Standard rate	Cheap rate		Standard rate	Cheap rate
<i>Mon.-Fri.</i> 8 am - 6 pm	<i>At all other times</i>		<i>Mon.-Fri.</i> 8 am - 6 pm	<i>At all other times</i>
30 seconds	90 seconds	Up to 35	16p	8p
15 seconds	36 seconds	Over 35	26p	14p

The above rate periods may be changed on certain days at Christmas and the New Year.

**15 October 1973**

Revised connexion charges for exchange lines in premises within three miles of an exchange:

	£
(a) New line for new customer where external wiring has to be provided or brought into use for the first time	40
(b) New line for removing customer or additional line for an existing customer where external wiring has to be provided or brought into use for the first time	25
(c) In situ installations taken over or service provided in premises where external wiring exists from a previous installation:	NIL
- Takeover without alteration	2
- Number changed at customer's request	3
- Telephone provided in the same position as before, or an existing telephone changed at the customer's request	3
- Existing telephone moved to a new position, or a new telephone provided in a new position in the same building	5

**TELEPHONE TARIFFS AND SERVICES**

**Notes:** The changes from the scale of connexion charges introduced on 8 May 1972 are that: The maximum charge for a new line for a new customer is increased from £35 to £40 and the maximum charge for a new additional line or a new line for a removing customer is increased from £20 to £25.

Reconnexion fee when line taken out of service for non-payment of bill increased from £1 to £2.

Rentals and connexion charges increased for most telephone apparatus and equipment, including PBXs, internal and plan extensions. Rentals and connexion charges for external extensions and private circuits revised and distance steps rationalised.

Change of apparatus charges for PBXs increased to correspond with the new connexion charges. Miscellaneous removal, change of apparatus and single payment charges increased. "50% rule" replaced by a fixed abatement of £2 on connexion, internal removal and change of apparatus charges for secondary work.

Revised Inland Call Charges:

(Charges for calls from Ordinary Lines are VAT exclusive; Charges for calls from Coinbox Lines are VAT inclusive)

**LOCAL CALLS**

**FROM STD EXCHANGES**

**ORDINARY LINES:**

Monday to Friday 8 am to 6 pm	1p for 3 minutes
All other times	1p for 12 minutes

**COINBOX LINES:**

2p for 3 minutes at all times

**FROM OTHER EXCHANGES**

**ORDINARY LINES:**

1½p per call at all times

**COINBOX LINES:**

2p per call at all times

**TRUNK CALLS**

DIALLED			DISTANCE IN MILES	CONNECTED BY OPERATOR FOR ANY REASON		
ORDINARY LINES Time allowed for 1p in any one call				ORDINARY LINES Charge for first 3 minutes or part of 3 minutes (each subsequent minute or part of a minute at 1/3 rate shown).		
PEAK RATE Mon-Fri 9am-noon	STANDARD RATE Mon-Fri 8 am - 9 am noon - 6 pm	CHEAP RATE Every night 6 pm - 8am and all day Sat/Sun		PEAK RATE Mon-Fri 9 am - noon	STANDARD RATE Mon-Fri 8 am - 9 am noon - 6 pm	CHEAP RATE Every night 6 pm - 8 pm and all day Sat/Sun
24 seconds 8 seconds	40 seconds 10 seconds	90 seconds 40 seconds	Up to 35 Over 35	12p 25½p	9p 22½p	3p 7½p
COINBOX LINES Time allowed for 2p in any one call			DISTANCE IN MILES	COINBOX LINES Charge for each 3 minutes or part of 3 minutes		
STANDARD RATE Mon-Fri. 8 am - 6 pm	CHEAP RATE at all other times			STANDARD RATE Mon-Fri. 8 am - 6 pm	CHEAP RATE at all other times	
30 seconds 12 seconds	90 seconds 36 seconds	Up to 35 Over 35	16p 32p	8p 14p		

The above rate periods liable to change on certain days at Christmas and the New Year. Miscellaneous call charges revised.

**29 July 1974**

The standard rate of Value Added Tax was reduced from 10% to 8%.



**TELEPHONE TARIFFS AND SERVICES**

**12 August 1974**

Inland Call Charges: The unit charge for dialled local and trunk calls for ordinary lines from STD exchanges increased from 1p to 1½p

Revised Charges (Charges for calls from Ordinary Lines exclude VAT; Charges for calls from Coinbox Lines include VAT).

**LOCAL CALLS**

**FROM STD EXCHANGES**

**ORDINARY LINES:**

Monday to Friday 8 am to 6 pm 1½p for 3 minutes  
All other times 1½p for 12 minutes

**COINBOX LINES:**

2p for 3 minutes at all times.

**FROM OTHER EXCHANGES**

ORDINARY LINES: 1½p per call at all times

COINBOX LINES: 2p per call at all times

**TRUNK CALLS**

**DIALLED**

**ORDINARY LINES**

Time allowed for 1½p in any one call

PEAK RATE	STANDARD RATE	CHEAP RATE	DISTANCE IN KILO-METRES*
Mon-Fri 9am-noon	Mon-Fri 8am-9am noon-6pm	Every night 6pm-8am and all day Sat/Sun	Up to 56 Over 56
30 seconds 12 seconds	48 seconds 15 seconds	180 seconds 72 seconds	

**CONNECTED BY OPERATOR FOR ANY REASON**

**ORDINARY LINES**

Charge for first 3 minutes or part of 3 minutes (each subsequent minute or part of a minute at 1/3 amount shown).

PEAK RATE	STANDARD RATE	CHEAP RATE
Mon-Fri 9am-noon	Mon-Fri 8am-9am noon-6pm	Every night 6pm-8pm and all day Sat/Sun
13½p 27p	10½p 22½p	6p 7½p

**COINBOX LINES**

Time allowed for 2p in any one call

STANDARD RATE	CHEAP RATE	DISTANCE IN KILO-METRES*
Mon-Fri. 8am-6pm	at all other times	Up to 56 Over 56
20 seconds 10 seconds	60 seconds 30 seconds	

**COINBOX LINES**

Charge for each 3 minutes or part of 3 minutes

STANDARD RATE	CHEAP RATE
Mon-Fri. 8am-6pm	at all other times
22p 42p	10p 16p

\*Call charge distance steps metricated; 56 km is approximately 35 miles.

The above rate periods liable to change on certain days at Christmas and the New Year  
Miscellaneous call charges revised.

**1 September 1974**

Revised quarterly rentals for exchange lines as follows:

	Exclusive Service	Shared Service
Business line	£ 7.25	£ 6.25
Line other than a business line	6.25	5.25
Exchange line connected to apparatus owned and maintained by the customer	6.75	N/A

The excess distance connexion charge for new exchange lines provided in premises outside 5 kilometres of an exchange increased from £5 per furlong of new construction outside the limit to £10 per 200 metres.

Rentals for some out of area exchange lines increased.

Temporary disconnexion of telephone service (at customers request) fee increased from 50p to £1.

Connexion charges for internal extensions, plan extensions and some miscellaneous related items increased; connexion charges introduced for all datel modems.

Connexion charges and rentals for external extensions and private circuits increased.

Metric nomenclature introduced for all distance related tariffs.

Time Related Charging introduced for non-rental jobs where standard charges do not apply.

**TELEPHONE TARIFFS AND SERVICES**

**28 April 1975**

Inland Call Charges: The unit charge for dialled local and trunk calls for ordinary lines from STD exchanges increased from 1.5p to 1.8p.

Revised Charges (Charges for calls from Ordinary Lines exclude VAT; Charges for calls from Coinbox Lines include VAT).

**LOCAL CALLS**

**FROM STD EXCHANGES**

**ORDINARY LINES**

Monday to Friday 9 am to 1 pm  
Monday to Friday 8 am to 9 am and 1 pm to 6 pm  
All other times

**DIALLED**  
1.8p for 2 minutes  
1.8p for 3 minutes  
1.8p for 8 minutes

**CONNECTED BY OPERATOR**  
3.6p for 3 minutes  
3.6p for 3 minutes  
3.6p for 9 minutes

**COINBOX LINES**

(i) dialled - 2p for 2 minutes at all times  
(ii) operated connected - 4p for 3 minutes at all times

**FROM OTHER EXCHANGES**

ORDINARY LINES: 1.8p per call at all times  
COINBOX LINES: 2p per call at all times

**TRUNK CALLS**

**DIALLED**

**ORDINARY LINES**

Time allowed for 1.8p in any one call

PEAK RATE	STANDARD RATE	CHEAP RATE	DISTANCE IN KILO-METRES*
Mon-Fri 9am-1 pm	Mon-Fri 8am-9am 1pm-6pm	Every night 6pm-8am and all day Sat/Sun	Up to 56 Over 56
30 seconds 10 seconds	45 seconds 15 seconds	180 seconds 60 seconds	

**CONNECTED BY OPERATOR FOR ANY REASON**

**ORDINARY LINES**

Charge for first 3 minutes or part of 3 minutes (each subsequent minute or part of a minute at 1/3 amount shown).

PEAK RATE	STANDARD RATE	CHEAP RATE
Mon-Fri 9am-1 pm	Mon-Fri 8am-9am 1pm-6pm	Every night 6pm-8pm and all day Sat/Sun
16½p 39p	13½p 27p	7½p 9p

**COINBOX LINES**

Time allowed for 2p in any one call

STANDARD RATE	CHEAP RATE	DISTANCE IN KILO-METRES*
Mon-Fri 8am-6pm	at all other times	Up to 56 Over 56
12 seconds 10 seconds	40 seconds 20 seconds	

**COINBOX LINES**

Charge for each 3 minutes or part of 3 minutes

STANDARD RATE	CHEAP RATE
Mon-Fri 8am-6pm	at all other times
38p 44p	18p 26p

The above rate periods liable to change on certain days at Christmas and the New Year.  
Miscellaneous call charges revised.

**1 May 1975**

Revised connexion charges for exchange lines in premises within 5 kilometres of an exchange: £

- (a) New line for new customer where external wiring has to be provided or brought into use for the first time 45
- (b) New line for removing customer or additional line for an existing customer where external wiring has to be provided or brought into use for the first time 30
- (c) In situ installations taken over without alteration or service provided in premises where external wiring exists from a previous installation: 5 (maximum)  
If alterations requested by customer additional standard alteration charges payable.

Revised quarterly rentals for exchange lines as follows:

	Exclusive Service	Shared Service
Business line	£ 9.75	£ 8.75
Line other than a business line	8.25	7.25
Exchange line connected to apparatus owned and maintained by the customer	8.75	N/A

The excess distance connexion charge for new exchange lines provided in premises outside 5 kilometres of an exchange increased from £10 per 200 metres of new construction outside the limit to £15 per 200 metres.

Connexion charges and rentals increased for most telephone apparatus and equipment, including PBXs, internal and plan extensions, and datel modems. PBX connexion and internal removal charges increased to three times the quarterly rental. Miscellaneous removal, change of apparatus and single payment charges increased.

Connexion charges and rentals for external extensions and private circuits increased.

## TELEPHONE TARIFFS AND SERVICES

**1 October 1975**

Inland Call Charges: The unit charge for dialled local and trunk calls for ordinary lines from STD exchanges increased from 1.8p to 3p.  
Revised Charges (Charges for calls from Ordinary Lines exclude VAT; Charges for calls from Coinbox Lines include VAT).

### LOCAL CALLS

#### FROM STD EXCHANGES

##### ORDINARY LINES

Monday to Friday 9 am to 1 pm  
Monday to Friday 8 am to 9 am and 1 pm to 6 pm  
All other times

**DIALLED**  
3p for 2 minutes  
3p for 3 minutes  
3p for 8 minutes

**CONNECTED BY OPERATOR**  
6p for 3 minutes  
6p for 3 minutes  
6p for 9 minutes

##### COINBOX LINES

(i) dialled - 2p for 2 minutes at all times  
(ii) operated connected - 4p for 3 minutes at all times

**FROM OTHER EXCHANGES**  
ORDINARY LINES: 3p per call at all times  
COINBOX LINES: 2p per call at all times

### TRUNK CALLS

#### DIALLED

##### ORDINARY LINES

Time allowed for 3p in any one call

#### CONNECTED BY OPERATOR FOR ANY REASON

ORDINARY LINES  
Charge for first 3 minutes or part of 3 minutes (each subsequent minute or part of a minute at 1/3 amount shown).

PEAK RATE Mon-Fri 9am-1 pm	STANDARD RATE Mon-Fri 8 am - 9 am 1 pm - 6 pm	CHEAP RATE Every night 6 pm - 8am and all day Sat/Sun	DISTANCE IN KILO- METRES*	PEAK RATE Mon-Fri 9 am - 1 pm	STANDARD RATE Mon-Fri 8 am - 9 am 1 pm - 6 pm	CHEAP RATE Every night 6 pm - 8 am and all day Sat/Sun
30 seconds 10 seconds	45 seconds 15 seconds	180 seconds 60 seconds	Up to 56 Over 56	24p 60p	18p 42p	9p 15p

  

STANDARD RATE Mon-Fri 8 am - 6 pm	CHEAP RATE at all other times	DISTANCE IN KILO- METRES*	STANDARD RATE Mon-Fri 8 am - 6 pm	CHEAP RATE at all other times
12 seconds 10 seconds	40 seconds 20 seconds	Up to 56 Over 56	52p 72p	32p 42p

The above rate periods liable to change on certain days at Christmas and the New Year.  
Miscellaneous call charges revised.

## TELEPHONE TARIFFS AND SERVICES

**4 January 1977**

Lower charge at about the dialled rate with a 3 minute minimum introduced for inland operator connected calls which cannot be dialled direct.

Normal charge applies to special services and calls to the Channel Islands, the Irish Republic or overseas.  
Charges for calls from Ordinary Lines exclude VAT; Charges for calls from coinbox lines include VAT.

**ORDINARY LINES** (Charge for 3 minutes or part of 3 minutes: each subsequent minute or part of a minute at 1/3 amount unless otherwise shown).

	NORMAL CHARGE	LOWER CHARGE (Where applicable)
<b>Peak Rate (Monday - Friday 9 am - 1 pm)</b>		
Local (from STD exchanges)	6p (each 3 minutes)	Normal charge applies
Up to 56 Km	24p	18p
Over 56 Km	60p	54p
<b>Standard Rate (Monday - Friday 8 am - 9 am &amp; 1 pm - 6 pm)</b>		
Local (from STD exchanges)	6p (each 3 minutes)	3p (each 3 minutes)
Up to 56 Km	18p	12p
Over 56 Km	42p	36p
<b>Cheap Rate (all other times)</b>		
Local (from STD exchanges)	6p (each 9 minutes)	3p (each 8 minutes)
Up to 56 Km	9p	3p (each 3 minutes)
Over 56 Km	15p	9p

**COINBOX LINES** (Charge for 3 minutes or part of 3 minutes)

	NORMAL CHARGE	LOWER CHARGE (Where applicable)
<b>Standard Rate (Monday - Friday 8 am - 6 pm)</b>		
Local (from STD exchanges)	4p	Normal charge applies
Up to 56 Km	52p	30p
Over 56 Km	72p	36p
<b>Cheap Rate (all other times)</b>		
Local (from STD exchanges)	4p	Normal charge applies
Up to 56 Km	32p	10p
Over 56 Km	42p	18p

The charge for all calls connected by the operator is that in force when the call is originated.  
Calls from Northern Ireland to the Irish Republic are at the appropriate normal Local, up to 56 Km, and over 56 Km rates.  
All rates may be changed on certain days at Christmas and New Year.

**1 August 1977**

Time allowed for 3p in any one dialled call from an ordinary line in the cheap rate period (every night 6 pm - 8 am and all day Sat./Sun) increased from 8 minutes to 12 minutes.

## TELEGRAPH TARIFFS AND SERVICES

### Principal Changes in General Inland Telegraph Tariffs and Conditions of Service Since 1912.

#### Charges existing in 1912

Ordinary telegraph rate 6d for 12 words or less plus ½d per word in excess of 12.  
Multiple addresses (in same delivery area); ordinary rate for number of words in addresses and text plus 2d for each address beyond the first.  
Registration fee, for abbreviated telegraphic address:— £1 1s 0d. per annum.  
Porterage charge 3d per mile, or part thereof, beyond free delivery area (3 miles from terminal delivery office or town postal area where this exceeds 3 miles).

#### Press telegraph rates:

Day rate (9 am to 6 pm) — 1s 0d. per 75 words or part thereof.  
Night rate (6 pm to 9 am) — 1s 0d. per 100 words or part thereof.  
Multiple address charge, 2d per (75 or 100) words or part thereof for each address, whether in the same or different towns.

Night telegraph letter rate, 6d for 36 words or less plus ½d for each 3 words or part thereof (service restricted to telegraph offices open all night).

#### November 1915

Ordinary telegraph rate increased to 9d for 12 words or less plus ½d per word in excess of 12.  
Multiple address (in same delivery area): ordinary rate for number of words in addresses and text plus 3d for each address beyond the first.  
Night telegraph letter rate, 9d for 36 words or less plus ½d for each 3 words or part thereof (service restricted to telegraph offices open all night).

#### January 1920

Press telegraph rates increased to:  
Day rate (9 am to 6 pm) — 1s 0d. per 60 words or part thereof.  
Night rate (6 pm to 9 am) — 1s 0d. per 80 words or part thereof.  
Multiple address charge, 3d per (60 or 80) words or part thereof for each address, whether in the same or different towns.

#### September 1920

Ordinary telegraph rate increased to 1s 0d for 12 words or less plus 1d per word in excess of 12.  
Multiple addresses (in same delivery area): ordinary rate for number of words in addresses and text plus 4d for each address beyond the first.  
Registration fee for abbreviated telegraphic address increased to £2 per annum.  
Night telegraph letter rate increased to 1s 0d for 36 words or less plus 1d for each 3 words or part thereof.  
Porterage charge increased to 6d per mile, or part thereof, beyond the free delivery area.  
Sunday surcharge of 6d introduced for all ordinary telegrams handed in on Sundays and (except in Scotland) on Good Friday and Christmas Day.

#### 1931

Tariff "A" introduced (for private circuits) at £6 per radial mile per annum up to 50 miles, reducing gradually to about £1 10s 0d per mile per annum over 400 miles.  
Tariffs "B" and "C" (for private circuits) at £8 per radial mile per annum, without apparatus.

#### June 1931

Introduction of scale of fees for short term registration of abbreviated telegraphic address, viz:	£	s	d
Up to 3 months . . . . .		12	6
Over 3 months but not exceeding 6 months . . . . .	1	5	0
Over 6 months but not exceeding 9 months . . . . .	1	15	0
Over 9 months but not exceeding 12 months . . . . .	2	0	0

#### July 1932

Night telegraph letter service extended to town postal delivery area of all telegraph offices.

#### December 1933

Business reply telegrams introduced. Restricted to approved firms registered with local Head Postmaster at cost of £2 per annum. Specially printed telegram forms supplied to registrants at 2s 6d per thousand (£1 1s 0d per ten thousand); these bore registrant's (i) identification code and (ii) name and address (for delivery) and the permissible cost of the telegram.

## TELEGRAPH TARIFFS AND SERVICES

#### May 1935

Ordinary telegraph rate reduced to 6d for 9 words or less plus 1d per word in excess of 9.  
Greetings telegrams introduced. For the additional charge of 3d per telegraph an ornamental telegram form and decorative envelope were used.  
Priority telegrams introduced. For the additional charge of 6d per telegram, priority in transmission and delivery were provided. Delivery by a stated time was not catered for.  
Night telegraph letters made available to all addresses.

#### April 1936

Business reply telegram registration fee abolished and the chargeable one-word indicator "BRT" introduced.  
Ordinary telegraph rate applied.

#### July 1940

Ordinary telegraph rate increased to 9d for 9 words or less plus 1d per word in excess of 9. This affected under-mentioned services, which are based on the ordinary telegraph rate:

- Multiple address telegrams.
- Business reply telegrams
- Greetings telegrams
- Priority telegrams.

#### Press telegraph rates increased to:

- Day rate (9 am to 6 pm) — 1s 3d per 60 words or part thereof.
- Night rate (6 pm to 9 am) — 1s 3d per 80 words or part thereof.
- Multiple address charge, 3d per (60 or 80) words or part thereof for each address, whether in the same or different towns.

Night telegraph letter rate increased to 1s 3d for 36 words or less plus 1d for each 3 words or part thereof.  
Private circuit rentals surcharged 25 per cent.

#### April 1943

Night telegraph letter service suspended.  
Business reply telegram service suspended.  
Greetings telegram service suspended.

#### July 1943

Ordinary telegraph rate increased to 1s 0d for 9 words or less plus 1d per word in excess of 9, with consequent increase on the undermentioned services, based on the ordinary telegraph rate:

- Multiple address telegrams.
- Priority telegrams.

#### November 1950

Greetings telegram service reintroduced. Minimum charge 2s for 12 words plus 1d per word in excess of 12.

#### July 1951

Ordinary telegraph rate increased to 1s 6d for 12 words or less, plus 1½d per word in excess of 12, with consequent increase in the undermentioned services, based on the ordinary telegraph rate:

- Multiple address telegrams.
- Priority telegrams.
- Greetings telegrams: charge for additional words beyond 12 increased to 1½d per word.
- Multiple address telegrams: charge for each address after the first, increased to 6d.
- Priority telegram supplementary fee increased to 9d.
- Porterage charge increased to 9d per mile, or part thereof, beyond the free delivery area.
- Sunday surcharge increased to 9d per ordinary telegram.

#### Registration fees for abbreviated telegraph addresses increased to:

(i) Registration period not exceeding 3 months . . . . .	£	s	d
(ii) Exceeding 3 months, but not exceeding 6 months . . . . .		18	9
(iii) Exceeding 6 months, but not exceeding 9 months . . . . .	1	17	6
(iv) Exceeding 9 months, but not exceeding a year . . . . .	2	12	6
	3	0	0

#### August 1954

#### Revision of telegraph charges:

- Ordinary telegraph rate increased to 3s 0d for 12 words or less, plus 3d per additional word.
- Greetings telegrams rate increased to 3s 0d for 12 words or less, plus surcharge 6d.
- Priority telegrams rate increased to 3s 0d for 12 words or less, plus supplementary fee of 1s.
- Sunday telegrams rate increased to 3s 0d for 12 words or less, plus surcharge 1s 6d.
- Multiple address telegrams rate increased to 3s 0d for 12 words or less, plus 1s 0d for each address after the first.

Introduction of Overnight Telegrams whereby fully addressed messages accepted between 8 am and 10 pm are delivered by post the following day. Charges as for ordinary telegrams under the old (1951) rates.  
Telegraph Letter service withdrawn.

## TELEGRAPH TARIFFS AND SERVICES

### January 1955

Charges for Inland Press messages increased:

- Single address increased to 3s 0d for 60 words day rate, and 3s 0d for 80 words night rate.
- Multiple address increased to 1s 0d per additional address if within the same town, otherwise full charges apply.

### January 1956

Period of acceptance of Overnight Telegrams extended to 8 am until midnight.  
Free delivery of telegrams to any address in the United Kingdom made universal.  
Ship-to-shore radiotelegrams charge increased to 1s 4d a word.

### March 1957

De luxe greetings telegrams (wedding) introduced — charge 5s 0d for 12 words plus 3d per additional word.

### April 1957

Standard birthday greetings telegrams introduced — charge 3s 6d for 12 words plus 3d per additional word.

### February 1958

St. Valentine's Day greetings form reintroduced (withdrawn 1953).

### August 1958

Greetings telegrams accepted for delivery with telephonic address.

### May 1959

De luxe birthday greetings telegrams introduced.

### October 1959

De luxe Baby greetings telegrams introduced.

### June 1960

Standard birthday greetings telegrams withdrawn.

### October 1961

De luxe All Purpose greetings telegrams introduced.  
De luxe 21st birthday greetings telegrams introduced.

### November 1961

Private circuit rentals increased; connexion charges introduced.

### April 1963

Inland telegraph charges revised:

- Ordinary telegraph rate increased to 5s 0d for 12 words or less, plus 5d per additional word.
- De luxe greetings telegrams rate increased to 7s 0d for 12 words or less, plus 5d per additional word.
- Standard greetings telegrams increased to 5s 6d for 12 words or less, plus 5d per additional word.
- Priority telegrams rate increased to 7s 0d for 12 words or less, plus 5d per additional word.
- Sunday telegrams rate increased to 7s 6d for 12 words or less, plus 5d per additional word.
- Overnight telegrams rate increased to 2s 6d for 12 words or less, plus 2½d per additional word.

#### Press telegrams:

- Day rate increased to 5s 0d for each 50 words or less.
- Night rate increased to 5s 0d for each 65 words or less.

Multiple address telegrams rate revised: Ordinary fee for first telegram plus each word of each address, plus 1s 8d per copy for each additional text.

Charges for certain supplementary services revised.

### January 1967

Rentals for private circuits used for telegraphy and low speed data transmission reduced.

### January 1968

Period of acceptance of overnight telegrams changed to 8 am — 10.30 p.m.

### October 1968

Private telegraph apparatus — increased charges for:

Connexion charge:	£10
For each major item of apparatus.....	
Internal removals:	£10*
For each major item of apparatus.....	
(*includes circuit removal charge of £3).	
External removals:	£10
For each major item of apparatus.....	
(circuit removal charges additional)	
Miscellaneous telegraph apparatus	
There were some increases and some decreases in charges for telegraph apparatus.	

## TELEGRAPH TARIFFS AND SERVICES

### 1 July 1970

A number of apparatus rentals were increased: a few were reduced.

### 15 February 1971

Certain apparatus rentals were rounded down for decimal currency.

### 1 April 1973

Telegraph services became liable to Value Added Tax (VAT) at the standard rate of tax of 10%. Charges were not changed, the tax being generally collected by a 10% addition to customers' bills. For telegrams accepted at Post Offices or from coinboxes the tax would be added to the total charge for the telegram.

### 15 October 1973

Inland telegram charges revised.

Ordinary telegram rate increased to 40p for 10 words or less, plus 4p per additional word.

Overnight telegram rate increased to 30p for 10 words or less, plus 1p per additional word.

De luxe greetings telegram rate increased to 40p for 10 words or less, plus 4p per additional word, plus surcharge 20p.

Sunday telegram rate increased to 40p for 10 words or less, plus 4p per additional word, plus surcharge 25p.

Charges for certain supplementary services revised.

Standard greetings telegrams withdrawn.

Multiple address telegram rate withdrawn.

Priority telegrams withdrawn.

Press telegram rate withdrawn.

Private circuit rentals and connexions charges revised and distance steps rationalised.

Rentals for a large number of auxiliary apparatus items increased; connexion charge for PATX 1A increased.

### 29 July 1974

The standard rate of Value Added Tax reduced from 10% to 8%.

### 12 August 1974

Inland telegram charges revised.

Ordinary telegram rate increased to 60p for 10 words or less, plus 5p per additional word.

Overnight telegram rate increased to 40p for 10 words or less, plus 2p per additional word.

Greetings telegram rate increased to 60p for 10 words or less, plus 5p per additional word, plus surcharge 30p.

(If handed-in in advance Mon-Fri before noon on other than day of delivery, surcharge reduced to 15p).

Sunday telegram surcharge increased to 35p.

Charges for certain supplementary services increased.

### 1 September 1974

Private circuit rentals and connexion charges increased; metric nomenclature introduced for all distance related tariffs.

### 28 April 1975

Inland Telegram charges revised.

Ordinary telegram rate 30p per telegram plus 5p for each word.

Overnight telegram rate 20p per telegram plus 3p for each word.

Greetings telegram rate 30p per telegram plus 5p for each word, plus surcharge 40p. (If handed-in in advance Mon-Fri before noon on other than day of delivery, surcharge reduced to 20p).

Sunday telegram surcharge increased to 45p.

Charges for certain supplementary services increased.

### 1 May 1975

Private circuit rentals and connexion charges increased. Rentals and connexion charges increased for most auxiliary apparatus. Miscellaneous removal, change of apparatus and single payment charges also increased.

### 1 October 1975

Inland Telegram charges revised:

Ordinary telegram rate 70p per telegram plus 7p for each word.

Overnight telegram rate 50p per telegram plus 4p for each word.

Greetings telegram rate Same as ordinary telegram rate, no change to surcharges.

Charges for telegrams to the Irish Republic revised: 80p per telegram plus 7p for each word.

Charges for most supplementary services increased.

## TELEX TARIFFS AND SERVICES

### Principal Changes in General Inland Telex Tariffs and Conditions of Service since 1954.

The final stages in the introduction of the new Inland Telex Service were reached on 15th November 1954 when some 500 commercial telex subscribers were transferred to the new service operating over a separate network and the former service over the telephone exchange system was ceased. On that date the new service was integrated with the international telex service and the latter became available to all telex subscribers.

Rentals for standard installations, covering terminal equipment, line to telex exchange, full maintenance:

Basic installation (Tp7)	£160 pa
Automatic installation (Tp7/RP)	£230 pa
Printing Reperator No. 1	£205 pa

Extra rental charged if the subscriber's premises were more than 30 miles from the nearest telex centre.

Call charges within the U.K.:

		3 minute call	
		s	d
Within the same telex area and between centres up to	15 miles apart		6
	15-35 " "	1	0
	35-50 " "	1	3
	50-75 " "	1	6
	75-125 " "	2	0
	Over 125 " "		

Any time in excess of three minutes charged pro rata in units of one minute.

### August 1958 (date of introduction of automatisaton)

Calls dialled by the subscriber

A unit fee of 2d for each time unit as under:

		35 miles apart		60 seconds	
Within a telex area and between centres up to					
	" "	35-50 " "	30 "		
	" "	50-75 " "	20 "		
	" "	Over 75 " "	15 "		

For calls connected by an operator the earlier tariff continued to apply.

### January 1962

Rentals increased for alternative or additional apparatus associated with telex installations.

### July 1967

Rentals for the second and subsequent telex lines in auxiliary groups reduced by £40 per annum.

### October 1968

Extra rental for telex lines more than 30 miles from the nearest telex centre abolished.

Connexion charge introduced:

for each line (including the terminal apparatus)	£10
for each additional major item of apparatus	£10

Re-connexion charge introduced:

for each occasion of re-connexion	£ 1
-----------------------------------	-----

Internal removal charges for the telex installation standardised:

for each item of major apparatus	£10
Change of apparatus charge introduced:	£10

Transfer of Service charge introduced:

for installation taken over in situ	£ 5
-------------------------------------	-----

		Dialled Calls	Assistance Calls
		Seconds for 2d	3 minutes
Call charges			
On the same telex centre or			
between centres up to	15 miles apart	60	6d
" "	15-35 miles apart	60	6d
" "	35-50 miles apart	30	1s
" "	50-75 miles apart	30	1s
" "	75-125 miles apart	15	2s
" "	over 125 miles apart	15	2s

Telex call office charge			
Additional to normal telex call charge for each call			2s 6d

Miscellaneous apparatus

Charges for some items of apparatus (eg Keyboard Perforator) increased.

## TELEX TARIFFS AND SERVICES

### November 1968

Teleprinter No 15 Table Model introduced.

Rentals for standard installations:

Basic installation	£200 pa
Automatic installation	£300 pa

An additional single payment charge of £50 made for each Teleprinter 15 provided.

Transfer of Service charge revised.

For installation taken over in situ:

where only change of answer-back involved	£1
where change of answer-back and change of number involved	£3

### 1 July 1970

Rentals for some items of telex apparatus increased.

Connexion charge for a new telex exchange line increased to £15 and certain single payment charges increased.

Charge for change in number £2.

The unit charge for telex calls increased to 2½d.

		Dialled Calls	Assistance Calls
		Seconds for 2½d	3 minutes
Call charges			
On the same telex centre or			
between centres up to	35 miles apart	60	7½d
" "	35-75 miles apart	30	1s 3d
" "	over 75 miles apart	15	2s 6d

### 19 October 1970

Teleprinter No. 15 Console Model introduced.

Rentals for standard installations:

Basic installation	£230 pa
Automatic installation	£330 pa

### 15 February 1971

Where necessary rentals were rounded down for decimal currency.

Call charges: the unit charge of 2½d was converted to 1p (2.4d). New charges were:

		Dialled Calls	Assistance Calls
		Seconds for 1p	3 minutes
On the same telex centre or			
between centres up to	35 miles apart	60	3p
" "	35-75 miles apart	30	6p
" "	over 75 miles apart	15	12p

### 1 April 1973

Telex services became liable to Value Added Tax (VAT) at the standard rate of 10%. Charges were not changed, the tax being collected by a 10% addition to customers' bills.

## TELEX TARIFFS AND SERVICES

15 October 1973

Rentals and connexion charges increased for standard installations.  
New Charges:

	<i>Connexion Charge £</i>	<i>Annual Rental £</i>
Telex exchange line with Teleprinter No. 7 Basic .....	15	280
Telex exchange line with Teleprinter No. 7 E/RP .....	15	290
Telex exchange line with Teleprinter No. 7 E/RP and Automatic Transmitter No. 2 .....	23	360
Telex exchange line with Teleprinter No. 15 Basic (Table Model) .....	15	290
Telex exchange line with Teleprinter No. 15 Automatic (Table Model) .....	15	370
Telex exchange line with Teleprinter No. 15 Basic (Console Model) .....	15	320
Telex exchange line with Teleprinter No. 15 Automatic (Console Model) .....	15	400
Telex exchange line with Printing Reperforator No. 1 in lieu of Teleprinter	15	300
Telex exchange line without apparatus .....	15	120

Rentals increased for auxiliary teleprinters and apparatus.

29 July 1974

Standard rate of Value Added Tax reduced from 10% to 8%.

12 August 1974

Call Charges: The unit charge for dialled calls was increased from 1p to 1½p.

New charges:

	<i>Dialled Calls  Seconds for 1½p</i>	<i>Calls Connected by the Operator for Any Reason 3 minute call minimum charge (each subsequent minute or part of a minute at 1/3 rate shown).</i>
On the same telex centre or: between centres up to 56 km* apart	60	4½p
between centres over 56 km* apart	20	13½p

\* Call charge distance steps metricated; 56 km is approximately 35 miles.  
Miscellaneous call facility charges increased.

1 October 1974

Directory Charges, and charges for teleprinter stationery, increased.

1 May 1975

Rentals and connexion charges increased for standard installations.

New charges:

	<i>Connexion Charge £</i>	<i>Annual Rental £</i>
Telex exchange line with Teleprinter No. 7 Basic .....	25	380
Telex exchange line with Teleprinter No. 7 E/RP .....	25	390
Telex exchange line with Teleprinter No. 7 E/RP and Automatic Transmitter No. 2 .....	38	460
Telex exchange line with Telephone No. 15 Basic (Table Model) .....	25	390
Telex exchange line with Teleprinter No. 15 Automatic (Table Model) .....	25	470
Telex exchange line with Teleprinter No. 15 Basic (Console Model) .....	25	420
Telex exchange line with Teleprinter No. 15 Automatic (console Model) .....	25	500
Telex exchange line with Printing Reperforator No. 1 in lieu of Teleprinter	25	400
Telex exchange line without apparatus .....	15	140

Rentals and connexion charges increased for most auxiliary apparatus. Miscellaneous removal, change of apparatus and single payment charges also increased.

## TELEX TARIFFS AND SERVICES

1 October 1975

Call charges: The unit charge for dialled calls was increased from 1½p to 2½p.

New charges:

	<i>Dialled Calls  Seconds for 2½p</i>	<i>Calls Connected by the Operator for Any Reason 3 minute call minimum charge (each subsequent minute or part of a minute at 1/3 rate shown).</i>
On the same telex centre or: between centres up to 56 km apart	60	9p
between centres over 56 km apart	20	27p

## GROWTH AND DEVELOPMENT

- 1837**  
Euston Station — Chalk Farm telegraph circuit demonstrated by Cooke and Wheatstone.
- 1839**  
World's first commercial telegraph circuit provided from Paddington to West Drayton.
- 1849**  
World's first central telegraph station opened by the 'Electric Telegraph Co' in Founders Court, Lothbury, London.
- 1850**  
First submarine telegraph cable laid across the English Channel.
- 1852**  
London — Paris submarine cable telegraph service established by the "Submarine Telegraph Company" using Cooke and Wheatstone's "Double Needle".
- 1853**  
London — Brussels submarine cable telegraph service established by the Chartered Submarine Telegraph Company.
- 1858**  
Lowestoft — Zandvoort cable laid providing telegraph communication with the Netherlands.
- 1860**  
Telegraph service opened with Germany.
- 1866**  
First successful transatlantic telegraph cable laid.
- 1868**  
Telegraph Act empowering Her Majesty's Postmaster-General to acquire the inland telegraphs of the United Kingdom.
- 1870**  
Inland telegraph system transferred to state ownership.  
Continental telegraph station set up in Little Bell Alley, Moorgate — afterwards renamed "Telegraph Street" (TS).
- 1871**  
Great Britain admitted to membership of the International Telegraph Union.
- 1876**  
Sir William Thompson (later Lord Kelvin) exhibited Alexander Graham Bell's telephone to the British Association for the Advancement of Science.
- 1878**  
Alexander Graham Bell demonstrated the telephone to Queen Victoria on the Isle of Wight with calls to London and Southampton . . . these were the first long distance calls in the United Kingdom.  
"The Telephone Company, Limited" established at 36, Coleman Street, London.  
GPO provided its first telephones, obtained from Bell's UK agent, on rental terms to a firm in Manchester.
- 1879**  
First telephone exchange in England opened at 36, Coleman Street, London.  
Edison Telephone Company of London established.  
First UK manufactured switchboard installed.
- 1880**  
United Telephone Company formed by amalgamation of "Telephone Co." and "Edison Telephone Co.".
- 1881**  
First Post Office telephone exchanges opened at Cardiff and Newport, Mon.
- 1889**  
Post Office acquisition of the Submarine Telegraph Company's Anglo-continental circuits.  
The United Telephone Co. and its subsidiaries amalgamated to form the "National Telephone Co."
- 1891**  
Telephone service opened with France.  
Continental telegraph "Cable Room" transferred to Central Telegraph Office.

## GROWTH AND DEVELOPMENT

- 1896**  
National Telephone Company's trunk service taken over by the Post Office.  
"Telegraphy without wires" (wireless) demonstrated to the Post Office by Marconi.
- 1897**  
London — Paris Baudot multiplex installed.  
States of Guernsey granted a licence to operate a local telephone service.
- 1897-1912**  
Anglo-continental telegraph routes gradually converted from "Hughes" to "Baudot" working.
- 1898**  
First long distance cable laid (London—Birmingham).
- 1903**  
Telephone service opened with Belgium.
- 1908**  
First Post Office ship-to-shore radio station opened at Bolt Head, Devon.
- 1909**  
Marconi coast stations transferred to the Post Office.
- 1912**  
All National Telephone Company exchanges taken over by the Post Office.  
First automatic exchange (non-director) opened at Epsom.  
Wooden telephone kiosks introduced generally.
- 1913**  
Portsmouth telephone exchange transferred from the local authority to the Post Office.  
First "Keith Line Switch" non-director exchange with remote manual board opened at Chepstow.
- 1914**  
Telephone service opened with Switzerland.  
Licence granted to the Hull Corporation to operate a local telephone service: covering 9 exchanges, with 9 126 stations and 197 call offices, transferred to the Corporation.
- 1915**  
Archangel submarine telegraph cable laid.
- 1917**  
London — Halifax (Nova-Scotia) direct cable telegraph link established, using syphon recorders and Judd and Fraser direct printers.
- 1918**  
Ancillary phonogram equipment introduced.

## GROWTH AND DEVELOPMENT

### 1920

Long distance wireless telegraph service to ships opened.  
Private automatic branch exchanges introduced.  
First wireless telegraph point-to-point service opened with the Continent.

### 1921

Concrete telephone kiosks introduced.  
London toll system opened.

### 1922

First "Relay" system non-director exchange with remote manual board opened at Fleetwood.  
First teleprinter trials.  
Transfer to the Eireann Administration (then the Irish Free State) of 194 telephone exchanges with 19 037 stations and 553 call offices.  
Telephone service opened to the Netherlands.

### 1923

Licence granted to the States of Jersey to operate a local telephone service: 15 exchanges with 1 639 stations and 26 call offices transferred to the "States Department" of the island.  
London toll system extended to Brighton and Aylesbury.

### 1924

First "Siemens No. 16" automatic exchange opened at Swansea.

### 1925

Prepayment coin collecting boxes introduced.

### 1925-27

"Beam" wireless telegraph service established with Montreal, Melbourne, Cape Town and Bombay.

### 1926

Voice-frequency telegraph working over inland telephone lines introduced experimentally.  
Telephone service opened with Germany.  
Rugby long wave telegraph transmitter, with world-wide range, brought into service.

### 1927

London — New York radio-telephone service commenced. Originally served the London and New York metropolitan areas, but was soon extended to the United Kingdom, USA, Canada and Cuba. Basic rate £15 for 3 minutes conversation.  
Telephone service opened with Austria, Denmark, Norway and Sweden.  
First director exchange opened at Holborn, London.  
Cast-iron kiosks introduced.  
London toll system divided between Toll "A" and Toll "B"

### 1928

All Post Office extra-European telegraph services (including "Beam" wireless and the Imperial Atlantic cable) transferred to Cable and Wireless, Limited.  
Telephone service opened with Czechoslovakia, Gibraltar, Hungary, Italy, Luxembourg, Mexico, Portugal and Spain.  
Creed's teleprinter No. 3 adopted as standard inland telegraph instrument.  
Post Office standard non-director system introduced.  
New York telephone basic rate reduced to £9 for 3 minutes' conversation.  
London toll area extended to include Southampton, Portsmouth, the whole of Kent and Sussex, Reading, Bedford, Ipswich and Colchester.

### 1929

Personal call service introduced.  
Telephone service opened with Finland and Poland.  
First 100-line unit (rural) automatic exchange (No. 5) opened.  
Hand micro-telephone introduced (combined transmitter and receiver in one hand-set).

## GROWTH AND DEVELOPMENT

### 1930

Telephone service opened with Australia.  
Telephone service opened with South America (Buenos Aires) direct — previously via Madrid.  
Automatic metering up to 3d introduced on director exchanges.  
Manchester director area opened with the Ardwick, Collyhurst and Moss Side exchanges.  
Four-frequency keyending at "A" positions in London.  
Advice of duration and charge (ADC), at caller's request, introduced.  
Control of toll traffic in London devolved upon local auto-manual switchboards.

### 1931

Telephone service opened with New Zealand.  
Channel Islands telephone cable laid.  
First 200-line unit automatic exchange (No. 6) opened.  
Engineering complaint and repair service made directly available to director subscribers by dialling "ENG" and to some non-director subscribers by dialling "97".  
"Gamewell" street fire alarms introduced.  
Birmingham director area opened with the Harborne, Northern and Victoria exchanges.

### 1932

Telephone service opened with Canada (direct), South Africa and USSR.  
"Demand" trunk working introduced at zone centres.  
"Telex", "Printergram" and private telegraph services introduced, using teleprinters "7B".  
Sleeve-control switchboards introduced.  
Police telephone and signal systems — standard switchboard introduced.  
First "Strowger" type non-director exchange with remote manual board opened at Horsforth.

### 1933

Telephone service opened with India, Northern and Southern Rhodesia, and Turkey.  
Phonogram work transferred from telephone to telegraph staff.  
"Demand" trunk service extended to group centres.  
First 9-channel (bothway) voice frequency telegraph system (using a 4-wire telephone circuit) brought into service.

### 1934

Short-range radio-telephone service with coastal ships opened via Seaforth Radio coast station.  
Transferred-charge service introduced on inland telephone system.  
First ultra-short wave radio telephone link (London—Belfast) opened.  
First ultra-short wave subscriber's circuit installed.  
First 800-line unit automatic exchange (No. 7) opened.  
Cheap (1s maximum) night rate introduced.

### 1935

Telephone service opened with Japan.  
First telephone multi-channel working (3 channels per open-wire circuit).  
First telegraph 4-channel bothway voice-frequency system using a 2-wire telephone circuit.  
Teleprinter ancillary working introduced.  
First standardised 100-line unit automatic exchange (No. 12) opened.  
Kiosk concessions (a) Jubilee — provision in every village with a Post Office and (b) Tercentenary — provision in villages without a Post Office, under certain conditions.

### 1936

First telephone 4-channel carrier system established over existing underground cables.  
"Pip"-tone signal provided on timed calls.  
"Country satellite" exchanges introduced.  
Ultra-short wave radio link established with the Channel Islands.  
Speaking clock (TIM) introduced in London.  
Kiosk No. 6 ("Jubilee" model) introduced.  
Two-frequency trunk telephone signalling and dialling trials.  
Anglo-Continental telex service introduced.  
Call queuing, with cyclic distribution, introduced at larger directory-enquiry bureaux.

### 1937

First submarine co-axial telephone cable opened to Holland carrying 16 channels (1 4-channel system plus 1 12-channel system).  
First 12-channel carrier telephone system on special carrier cable opened between Bristol and Plymouth.  
First standardised 200-line unit automatic exchange (No. 13) opened.  
"999" service introduced in London.  
Glasgow director area inaugurated with the opening of Halfway exchange.  
London trunk director exchange opened.

### 1938

London—Birmingham co-axial cable brought into use, carrying 40 circuits initially with wide bank working.  
First standardised 800-line automatic exchange (No. 14) opened.

### 1939

"Two-frequency" inland trunk signalling and dialling introduced.  
Teleprinter working introduced on the Anglo-continental telegraph cables.  
Defence teleprinter network opened.  
First mobile unattended automatic exchange put into service



## GROWTH AND DEVELOPMENT

**1940**

Private manual branch exchange switchboard "1A" introduced.  
London—Birmingham co-axial cable extended to Manchester.

**1941**

Telephone 12-channel carrier system standardised.  
Liverpool director area inaugurated with the opening of Advance exchange.  
Telegraph zone-centre decentralisation scheme inaugurated.

**1942**

Shared service introduced on automatic exchanges.  
First VHF radio multi-channel telephone link converted to frequency modulation.  
Toll "A" automatic exchange opened.

**1943**

First submerged repeater (suitable for depths to 200 fathoms) laid in the Irish Sea.

**1944-48**

Introduction of inland teleprinter manual switching scheme.

**1945**

Direct Anglo-German polythene co-axial submarine cable laid.  
Post-war re-opening of some continental telephone and telegraph and trans-Atlantic telephone services:  
London—New York basic rate £3 for 3 minutes' conversation.

**1946**

Gradual re-opening of continental and overseas telephone services.  
Submerged repeater inserted in Anglo-German cable.  
Cabinets and pillars used for subscribers' local cable schemes.

**1947**

Anglo-Dutch polythene co-axial cable laid.

**1948**

International teleprinter alphabet No. 2 adopted for the inland telegraph service.  
Anglo-Belgian submarine co-axial cable laid.  
Shared service made obligatory for all new residential applicants and for removing residential subscribers.

**1949**

Introduction of radio-telephone service with ships in the Thames estuary.  
Tercentenary scheme for provision of telephone kiosks abolished: rural allocation scheme introduced, whereby kiosks allotted to rural areas and installed where recommended by rural local authority whether likely to prove remunerative or not.  
London—Birmingham television radio relay link opened.  
Phonogram automatic-distribution equipment installed at Newcastle upon Tyne.

## GROWTH AND DEVELOPMENT

**1950**

Control of Cable and Wireless Ltd.'s overseas telegraph services from the United Kingdom transferred to the Post Office.  
Edinburgh "director area" inaugurated with the opening of Central and Fountainbridge exchanges.  
Four submerged repeaters fitted to a cross-channel cable, in tandem.  
First phase of teleprinter automatic switching scheme introduced.  
Anglo-Danish submarine co-axial cable laid.  
Private automatic branch exchanges Nos 1 and 2 introduced.  
London—Birmingham television co-axial cable brought into use.  
Field trials of pressurisation of trunk and junction cables radiating from Leatherhead.

**1951**

Telephone Act passed, enabling the Postmaster-General to fix rental charges, etc., by Statutory Regulation.  
Birmingham—Manchester television co-axial cable brought into use.

**1952**

New telex network opened for Government departments only.

**1953**

Pressurisation of trunk and junction cables introduced.

**1954**

The new Inland Telex Service established with a separate network and integrated with the International Telex Service.  
Teleprinter Automatic Switching scheme completed.

**1955**

First cordless switchboard opened at Thanet exchange.  
Last PO inland morse telegraph circuit recovered (between Barra and South Uist in the Outer Hebrides).

**1956**

Introduction of the Weather Forecast Service and the Test Match Information Service.  
Opening of the first Transatlantic Telephone Cable.

**1957**

Introduction of Road Weather Information service.

**1958**

Introduction of Group Charging of telephone calls.  
Introduction of Teletourist Information Service in London in English (24 hours) and in French and German (7 pm — 11 am).  
First Subscriber Trunk Dialling (STD) installation opened at Bristol.  
First Automatic telex exchanges opened at Shoreditch (London) and Leeds.

**1959**

First Pay-on-Answer Coin Box (STD) introduced at Bristol.  
Car radiophone service for vehicle users opened in South Lancashire.  
Freefone Service made available to subscribers in any part of the country.

## GROWTH AND DEVELOPMENT

### 1960

Introduction of Credit Card service for inland and overseas telephone calls.  
Introduction at Bristol of new engaged tone, to conform with international standards.  
First direct cable link between United Kingdom and Sweden.  
Conversion of inland telex service to automatic working completed.  
Cable pressurisation scheme extended to include local cables from exchanges to cross-connexion cabinets.

### 1961

Post Office Act, 1961 — to separate the finances of the Post Office from the Exchequer.  
Introduction of Recipe service in Birmingham.  
Introduction of radio telephone service from aircraft.  
London terminals of Western Union, Commercial, and Great Northern Cable Companies connected to TAS network.  
Opening of the Canadian Transatlantic Telephone Cable (CANTAT).

### 1962

Opening of the first telephone cable to Faroe Islands and Iceland (SCOTICE).  
First telecommunications satellite (Telstar) launched, reception via Goonhilly Downs satellite communications ground station.  
Experimental electronic exchange opened at Highgate Wood.

### 1963

Opening of COMPAC submarine cable between Canada and Australia.  
Third trans Atlantic cable opened between Britain and USA.  
Introduction of operator dialling on telephone circuits between Britain and USA.  
International Subscriber Dialling (ISD) introduced, from London director exchanges with STD facilities to Paris automatic exchanges.  
New cordless International telex switchboard opened in Fleet exchange, London.

### 1964

Datel services introduced, (Datel 100) enabling data to be sent over private telegraph circuits and the telex network.  
Trial pulse-code modulation (PCM) systems introduced on junction cables.  
First Crossbar exchange opened to public service at Broughton.  
First Small Automatic exchange (SAX) opened.

### 1965

London Post Office Tower opened for service.  
Public Radiophone service for vehicle users extended to the London area.  
Datel services extended to enable data to be sent over private telephone circuits and the public telephone network; datel services subsequently available to a number of European countries and the United States of America.  
Trial installations of electronic equipment for telephone exchanges up to 2 000 lines brought into service at Leamington Spa and Peterborough.

### 1966

Change to all-figure telephone numbers commenced in the director areas (London, Birmingham, Edinburgh, Glasgow, Liverpool and Manchester).  
Dial-a-Disc service opened in Leeds.  
First production electronic exchange opened at Ambergate.

### 1967

Opening of final section of South East Asia Commonwealth (SEACOM) cable linking Australia, Hong Kong and Singapore.  
Overseas Telegraph Services new automatic relay centre opened.  
"Lincompex" a new type of radio telephony terminal equipment introduced on several overseas routes.

### 1968

Inauguration of first pulse code modulation (PCM) switching centre.  
First all-transistor 12 MHz (2 700 circuits) co-axial cable brought into use.  
Kiosk No 8 introduced.

### 1969

Introduction of Financial Times Industrial Ordinary Share Index on the Telephone Information Service.  
Post Office became a public corporation.  
Intelsat communication satellites launched and stationed over the Pacific and Indian Oceans.

## GROWTH AND DEVELOPMENT

### 1970

Tape Callmaker, a repertory dialler device, brought into service.  
First public demonstration of waveguide digital transmission system.  
First computerised alphabetical telephone directory issued.

### 1971

First direct submarine cable link laid between the UK and Spain.  
Confravision Service introduced.  
Transit Network opened with the connexion of Kingsbridge, Wolverhampton and Worcester.

### 1972

Ten millionth telephone exchange line connected in UK.  
Channel Islands telephone service became independent.

### 1973

First electronic mobile exchange brought into service.  
World's first experimental International Confravision link up between London and Sydney, Australia.

### 1974

New Transatlantic cable (CANTAT-2) completed between Britain and Canada.  
World's first commercial International Confravision service opened between UK and Sweden.

### 1975

20 millionth UK and 5 millionth London telephone installed by January 1975.

### 1976

Centenary of the telephone 10 March 1976.  
Telephone service to North Sea oil and gas platforms via micro-wave radio link (tropospheric scatter) inaugurated.  
Last manual exchange (at Portree) closed. UK telephone system now fully automatic.

### 1977

Radiopaging service opened in London following successful trial in Thames Valley area.

### 1978

First telephone call in Europe using optical fibre transmission and first call using waveguide transmission.  
Prestel, the Post Office viewdata service launched on trial.