

ARAB STATES TELECOMMUNICATION INDICATORS

1992-2001



INTERNATIONAL TELECOMMUNICATION UNION



FOREWORD

Arab States Telecommunication Indicators is based on a special questionnaire sent to Arab countries as well as on ITU in-house data files. The purpose of this document is to provide a comprehensive and comparable set of telecommunication indicators comprising the latest available data for the Arab speaking world. Developments in the public telecommunication sector for the last decade are shown in tables. More detailed information about coverage and country specific notes from 1960, 1965, 1970, 1975-2002 is contained in a CD-ROM version available separately.

Any inferences made herein do not necessarily reflect the views of the ITU or its Members.

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TELECOMMUNICATION INDICATORS

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Introduction

In this document, data are provided for 22 Arab States. Unless otherwise noted, the data refer to totals for all telecommunication operators providing service in the country.

Substantial effort has been made to collect and harmonize the data. Because of differences in national statistical practices and definitions, strict comparability is not always possible. Limitations with particular indicators and additional explanations and definitions are provided in the *Technical Notes*.

Data refer to the end of the calendar year indicated unless there is a note to the contrary. Billions, millions and thousands are separated by a space and decimals by a period. The following signs and symbols are used in the document:

<i>italic</i>	Estimate
k	Thousands
M	Millions
US\$	United States dollars
%	Percent
–	Zero or a quantity less than half the unit shown or not applicable
...	Data not available

The absence of any sign or symbol indicates that data are in units.

List of countries

<i>Full designation</i>	<i>Designation in document</i>
Algeria (People's Democratic Republic of)	Algeria
Bahrain (State of)	Bahrain
Comoros (Islamic Federal Republic of the)	Comoros
Djibouti (Republic of)	Djibouti
Egypt (Arab Republic of)	Egypt
Iraq (Republic of)	Iraq
Jordan (Hashemite Kingdom of)	Jordan
Kuwait (State of)	Kuwait
Lebanon	Lebanon
Libya (Socialist People's Libyan Arab Jamahiriya)	Libya
Mauritania (Islamic Republic of)	Mauritania
Morocco (Kingdom of)	Morocco
Oman (Sultanate of)	Oman
Palestine	Palestine
Qatar (State of)	Qatar
Saudi Arabia (Kingdom of)	Saudi Arabia
Somali Democratic Republic	Somalia
Sudan (Republic of the)	Sudan
Syrian Arab Republic	Syria
Tunisia	Tunisia
United Arab Emirates	United Arab Emirates
Yemen (Republic of)	Yemen
Arab States	Arab States

Area: 2'381'745 km2

National currency: Dinar

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	26'271	26'894	27'496	28'060	28'566	29'045	29'507	29'950	30'386	30'836
62	Households.....	2	10x3	3'806	3'921	4'040	4'162	4'280	4'402	4'500	4'604	4'892	5'000
63	Gross domestic product (GDP).....	3	10x6	1'074'700	1'189'720	1'487'400	2'004'990	2'570'030	2'780'170	2'810'120	3'215'130	4'078'680	...
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	277'970	324'140	407'550	541'830	639'450	638'120	728'754	728'754	869'326	...
652	Average annual exchange rate per US\$.....	5		21.84	23.35	35.06	47.66	54.75	57.71	58.74	66.57	75.26	77.22
66_95	Consumer price index (1995=100).....	6		49	59	76	100	122	126	129	133	139	144
677i	Telecom equipment imports (US\$).....		10x6	126	71	...	...	92	86	104	149	118	...
TELEPHONE NETWORK													
112	Main telephone lines in operation.....		10x3	962	1'068	1'122	1'176	1'278	1'400	1'477	1'600	1'761	1'880
91	Main telephone lines per 100 inhabitants.....			3.66	3.97	4.08	4.19	4.47	4.82	5.01	5.34	5.80	6.10
1111	% households with a telephone.....			...	...	...	...	...	...	...	34.0	36.0	37.6
1111c	Residential main lines per 100 households...			21.7	...	...	...	...	...	...	...	28.8	31.6
1142	% digital main lines.....		%	25.6	27.2	29.4	33.9	45.9	51.3	57.9	70.0	92.0	100.0
116	% residential main lines.....		%	86.0	...	...	...	...	...	...	...	80.0	84.0
1112	Public payphones.....			6'387	7'386	6'722	6'523	5'777	5'698	5'000	5'000	5'000	5'000
123	Waiting list for main lines.....		10x3	757	688	647	676	691	732	730	640	646	727
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			4'781	4'781	1'348	4'691	11'700	17'400	18'000	72'000	86'000	100'000
2712	- Digital cellular subscribers.....			—	—	—	—	—	—	—	54'000	68'000	100'000
911	Cellular subscribers per 100 inhabitants.....			0.02	0.02	—	0.02	0.04	0.06	0.06	0.24	0.28	0.32
OTHER SERVICES													
255	Estimated facsimile machines.....		8	5'000	5'500	4'138	5'200	6'200	7'000	...	...	...	...
311	Telex subscribers.....			12'000	12'400	11'900	11'600	11'200	10'000	9'500	8'035	8'000	...
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....		10x6	118	78	79	84	93	100	121	143	152	209
133p	Total telephone (pulses).....		10x6	6'643	7'778	8'778	8'889	9'672	11'000	13'000	15'160	...	...
STAFF													
51	Full-time telecommunication staff.....			19'208	22'712	18'492	18'423	18'554	18'817	18'230	17'809	17'900	17'900
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		9 %	81.9	72.0	74.0	73.0	70.0	64.0	50.0	25.0	12.0	6.0
TARIFFS													
151	Residential teleph. connection charge.....			2'200	2'200	2'200	2'200	2'200	2'200	3'500	3'500	3'500	3'500
151b	Business teleph. connection charge.....			2'200	2'200	2'200	2'200	2'200	2'200	3'500	3'500	3'500	3'500
152	Residential teleph. monthly subscription.....			90	90	90	100	100	100	200	200	200	200
152b	Business teleph. monthly subscription.....			90	90	90	100	100	100	200	200	200	200
153	3-minute local call (peak rate).....			0.90	0.90	1.15	1.30	1.30	1.30	1.30	1.30	1.30	1.30
151c	Cellular connection charge.....			10'000	10'000	10'000	20'000	20'000	20'000	20'000	20'000	20'000	20'000
152c	Cellular monthly subscription.....			500	500	500	1'300	1'300	1'300	1'300	1'300	1'300	1'300
153c	Cellular - 3-min. local call (peak rate).....			10.80	13.80	15.60	19.50	19.60	19.60	9.75	9.75	9.75	9.75
153co	Cellular - 3-min. local call (off-peak rate).....			10.80	13.80	15.60	15.60	16.00	16.00	7.80	7.80	7.80	7.80
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	5'355	6'703	8'769	10'698	12'456	12'947	16'873	19'360	23'000	27'926
71	- Telephone service revenue.....		10x6	4'343	5'283	7'042	8'421	9'995	11'426	13'980	17'700	18'607	20'613
741	- Mobile communication revenue.....		10x6	...	...	...	113	...	...	...	...	...	...
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	3'787	3'467	3'805	3'692	7'035	5'692	8'594	7'620	...	7'449
BROADCASTING													
965	Television receivers.....		10	10x3	2'000	2'100	2'150	2'500	3'000	3'400	3'420	3'450	3'500
965h	Television equipped households.....		11	10x3	1'886	1'980	2'027	2'357	2'829	3'206	3'225	3'253	3'281
965s	Home satellite antennas.....		12	10x3	...	...	100	600	...	...	...	3'500	3'500
INFORMATION TECHNOLOGY													
422	Personal computers.....			48'000	60'000	72'000	85'000	130'000	140'000	160'000	180'000	200'000	220'000
4211	Internet hosts.....		13	—	—	10	16	28	49	88	200	34	665
4212	Estimated Internet users.....			...	...	100	500	500	3'000	6'000	60'000	150'000	200'000

Source: Ministère des Postes et Télécommunications (MPT).

(1) Source: UN. Last census: 1987. Since 1990: Algeria Statistical Office. (2) 1990, 1995: UNHCS. Other years: ITU estimates. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 2000: ITU estimate. (8) 1994: MPT. Estimate. (9) 1996: ITU estimate. (10) Sources: ENT, EBU, UNESCO, ITU estimates. (11) 2001: Entreprise Nationale de Télévision. (12) Source: OBS. 2001: Entreprise Nationale de Télévision. (13) Source: RIPE.

BAHRAIN

National currency: Dinar

Area: 709 km2

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	521	534	547	561	575	589	604	619	635	651
62	Households.....	2	10x3	86	88	90	92	94	96	98	101	103	106
63	Gross domestic product (GDP).....	3	10x6	1'786	1'955	2'093	2'199	2'294	2'387	2'325	2'489	2'997	2'984
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	394	465	431	381	284	286	326	338	405	398
652	Average annual exchange rate per US\$.....	5		0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
66_95	Consumer price index (1995=100).....	6		94	97	97	100	100	102	102	100	100	...
677i	Telecom equipment imports (US\$).....		10x3	...	...	...	...	...	...	...	...	36'038	49'710
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			112'530	124'353	135'853	140'850	144'391	152'303	157'619	165'369	170'976	173'855
91	Main telephone lines per 100 inhabitants.....			21.61	23.30	24.83	25.11	25.12	25.84	26.09	26.71	26.94	26.72
1111c	Residential main lines per 100 households...			88.2	95.2	101.6	106.0	107.6	110.9	112.1	115.0	116.1	115.2
1142	% digital main lines.....		%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
116	% residential main lines.....		%	67.0	67.0	67.0	69.0	70.0	70.0	70.0	70.0	70.0	70.0
1112	Public payphones.....	7		654	805	878	1'004	1'084	1'321	1'589	1'855	2'308	2'029
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			9'683	11'360	17'616	27'600	40'080	58'543	92'063	133'468	205'727	300'829
2712	- Digital cellular subscribers.....			—	—	—	8'382	20'529	49'615	92'063	133'468	205'727	300'829
911	Cellular subscribers per 100 inhabitants.....			1.86	2.13	3.22	4.92	6.97	9.93	15.24	21.55	32.41	46.24
275	Radio paging subscribers.....			29'584	47'781	55'524	61'016	65'934	70'629	73'076	84'611	86'316	86'375
OTHER SERVICES													
255	Estimated facsimile machines.....	8		3'798	5'064	5'388	6'299	6'341	6'620	6'687	6'928	4'797	4'614
28	ISDN subscribers.....			—	—	—	—	70	173	381	684	1'088	1'533
28c	ISDN B channel equivalents.....	9		—	—	—	—	140	346	762	1'368	2'176	3'066
311	Telex subscribers.....			1'224	1'124	994	895	756	657	580	513	500	432
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....		10x6	68	77	87	89	92	107	124	134	140	170
132mi	- Int'l incoming telephone (minutes).....		10x6	51	55	59	63	69	85	102	107	126	183
132mb	- Int'l bothway telephone (minutes).....		10x6	120	132	146	151	165	192	227	241	265	353
131p	- Total national telephone (pulses).....		10x6	373	427	471	519	551	623	690	1'052	1'363	...
STAFF													
51	Full-time telecommunication staff.....			2'090	2'070	2'102	2'139	2'074	2'049	2'100	2'118	2'089	2'038
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	66.0	71.0	49.0	28.0	24.0	30.0	18.0	19.0	15.0	15.0
TARIFFS													
151	Residential teleph. connection charge.....			20	20	20	20	20	20	20	20	20	20
151b	Business teleph. connection charge.....			20	20	20	20	20	20	20	20	20	20
152	Residential teleph. monthly subscription.....			1.25	1.15	1.17	1.17	1.17	1.16	1.16	1.16	1.16	1.16
152b	Business teleph. monthly subscription.....			2.00	2.00	2.17	2.17	2.17	2.16	2.16	2.16	2.16	2.16
153	3-minute local call (peak rate).....		10	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021	0.021
151c	Cellular connection charge.....			50	50	50	45	35	35	35	35	35	35
152c	Cellular monthly subscription.....		11	8	8	8	15	10	25	10	10	10	10
153c	Cellular - 3-min. local call (peak rate).....		12	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.14	0.14	0.14
153co	Cellular - 3-min. local call (off-peak rate).....		13	...	...	...	0.12	0.11	0.11	0.10	0.10	0.10	0.10
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	77	80	86	91	99	111	129	138	147	171
71	- Telephone service revenue.....		10x6	60	63	67	69	74	76	76	65	61	62
741	- Mobile communication revenue.....		10x6	...	4	8	9	14	21	32	38	42	54
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	16	21	18	18	23	20	27	33	32	43
BROADCASTING													
965	Television receivers.....	14	10x3	220	228	236	255	257	260	265	270	275	280
965h	Television equipped households.....	15	10x3	80	83	86	91	93	95	97	99	100	102
965c	Cable TV subscribers.....		10x3	...	...	...	...	...	3	5	6	6	8
965s	Home satellite antennas.....	16	10x3	53	54	56	57	58	60	61	63	64	66
INFORMATION TECHNOLOGY													
422	Personal computers.....	17		...	...	...	29'250	40'000	50'000	60'000	93'000	95'000	100'000
4211	Internet hosts.....	18		—	—	—	142	841	338	577	1'117	1'121	1'718
4212	Estimated Internet users.....			...	...	...	2'000	5'000	10'000	20'000	30'000	40'000	132'330

Source: Bahrain Telecommunications Company (BATELCO).

(1) Source: 1960-1979: UN. 1980,1991,2001: Census. Other years: ITU estimate. (2) Source: 1960-1979: UN. 1980,1991,2001: Census. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) Not including payphones in private establishments. (8) Number of fax lines. (9) 1996-2001: Estimated. (10) No "off peak" rate for local calls. All calls charged at 21 fils per 3 min., (1'000 fils = 1 Dinar). (11) In 1999, mobile tariffs split into "high", "regular" and "low" usage. Figures relate to regular usage package. (12) In 1999, mobile tariffs split into "high", "regular" and "low" usage. Figures relate to regular usage package. (13) In 1999, mobile tariffs split into "high", "regular" and "low" usage. Figures relate to regular usage package. (14) Source: Unesco, Bahrain TV, Batelco, ITU estimates. (15) 2001: Census. (16) 2001: Census. (17) 1999,2002: Batelco estimate. (18) Source: Internet Software Consortium.

Area: 1'862 km2

National currency: Franc CFA

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	508'400	570'000	590'000	610'000	632'000	652'000	658'000	675'888	694'000	727'000	
62	Households.....	2	93'000	95'700	98'700	102'000	128'000	130'000	130'000	133'500	144'200	145'000	
63	Gross domestic product (GDP).....	3	10x6	69'129	79'223	83'509	87'313	...	92'836	95'304	102'782	108'851	121'003
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	13'964	10'356	18'754	...	...	...	...	...	...	...
652	Average annual exchange rate per US\$.....			264.69	283.16	416.40	374.36	383.66	437.75	442.46	461.78	533.98	549.78
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			3'851	4'010	4'272	4'377	4'980	5'507	6'226	6'521	6'773	8'876
91	Main telephone lines per 100 inhabitants.....			0.76	0.70	0.72	0.72	0.79	0.84	0.95	0.96	0.98	1.22
1111c	Residential main lines per 100 households...			3.6	...	...	3.3	...	...	...	...	...	...
1142	% digital main lines.....	%		—	3.6	5.7	10.2	10.0	10.7	...	...	...	...
116	% residential main lines.....	%		87.0	...	...	78.0	...	...	...	...	...	...
1112	Public payphones.....			...	...	28	58	89	113	130	151	175	...
123	Waiting list for main lines.....			1'156	...	...	...	...	...	...	...	3'054	...
OTHER SERVICES													
255	Estimated facsimile machines.....			76	98	...	...	...	166	173	173	173	...
311	Telex subscribers.....			48	55	...	3	...	23	23	21	19	...
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....	10x3		1'474	1'188	1'300	942	1'111	1'222	1'697	2'005	1'982	2'254
132mi	- Int'l incoming telephone (minutes).....	10x3		1'086	1'248	...	1'694	2'290	3'271	4'764	6'829	10'717	...
132mb	- Int'l bothway telephone (minutes).....	10x3		2'560	2'436	...	2'636	3'401	4'493	6'461	8'834	12'699	...
STAFF													
51	Full-time telecommunication staff.....			230	199	122	136	148	140	140	125	123	121
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....	%		96.0	68.0	...	60.0	81.7	92.5	84.8	87.9	82.8	...
TARIFFS													
151	Residential teleph. connection charge.....			35'250	35'250	45'000	45'000	45'000	45'000	45'000	45'000	45'000	39'000
151b	Business teleph. connection charge.....			35'250	35'250	45'000	45'000	45'000	45'000	45'000	45'000	45'000	39'000
152	Residential teleph. monthly subscription.....			1'875	1'875	2'250	2'250	2'250	2'250	2'250	2'250	2'250	2'250
152b	Business teleph. monthly subscription.....			1'875	1'875	2'250	2'250	2'250	2'250	2'250	2'250	2'250	2'250
153	3-minute local call (peak rate).....	5		75	75	75	75	75	75	75	75	75	75
REVENUE AND EXPENSE													
75	Total telecom services revenue.....	10x6		1'168	1'250	1'275	1'699	2'795	3'590	3'394	2'572	3'418	4'737
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....	10x6		254	246	...	592	...	...	...	...	...	...
BROADCASTING													
965	Television receivers.....	6		1'600	1'950	2'250	2'310	2'500	2'600	2'700	2'700	2'700	2'700
INFORMATION TECHNOLOGY													
422	Personal computers.....	7		...	...	...	162	...	...	1'500	2'000	3'000	4'000
4211	Internet hosts.....	8		—	—	—	—	—	—	9	33	40	11
4212	Estimated Internet users.....			...	...	...	...	...	...	200	800	1'500	2'500

Source: Société Nationale des Postes et Telecommunications (SNPT).

(1) Source: UN; ITU estimate. 1991: Latest census. (2) ITU estimate. (3) Source: IMF. Since 1997: World Bank. (4) Source: IMF. (5) 1992-93: Manual call tariff (except for France). Tariff is for 6 minutes. (6) Source: Société nationale des postes et télécommunications, ITU estimate. (7) Source: ACCT. (8) Source: Internet Software Consortium.

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	540	557	566	579	588	598	608	620	632	644
62	Households.....	2	10x3	81	83	85	87	88	89	91	93	95	97
63	Gross domestic product (GDP).....	3	10x6	83'501	83'766	86'606	88'456	87'795	89'336	91'396	95'275	98'244	102'329
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	...	...	...	7'464	7'965	8'423	13'958	8'477	12'643	...
652	Average annual exchange rate per US\$.....	5		177.72	177.72	177.72	177.72	177.72	177.72	177.72	177.72	177.72	177.72
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			6'789	7'349	7'516	7'556	8'151	8'283	7'932	8'831	9'704	9'932
91	Main telephone lines per 100 inhabitants.....			1.26	1.32	1.33	1.31	1.39	1.30	1.30	1.42	1.54	1.54
1111	% households with a telephone.....			...	...	...	...	...	...	...	...	5.5	...
1111c	Residential main lines per 100 households.....			4.6	4.4	5.3	5.5	5.9	5.9	5.5	5.8	6.2	6.2
1142	% digital main lines.....		%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
116	% residential main lines.....		%	55.0	50.0	60.0	63.0	63.0	63.0	63.0	60.8	60.8	60.8
1112	Public payphones.....			51	40	45	55	63	43	41	56	64	...
123	Waiting list for main lines.....			66	...	47	3	—	—	—	—	—	...
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			—	—	—	—	110	203	220	280	230	3'000
911	Cellular subscribers per 100 inhabitants.....			—	—	—	—	0.02	0.03	0.04	0.05	0.04	0.47
OTHER SERVICES													
255	Estimated facsimile machines.....			124	120	93	94	70	345	...	69	...	...
28	ISDN subscribers.....			—	—	—	—	—	—	—	—	152	152
28c	ISDN B channel equivalents.....			—	—	—	—	—	—	—	—	913	913
311	Telex subscribers.....			149	120	124	105	94	85	66	44	44	43
TRAFFIC													
131m	- Total national telephone (minutes).....		10x3	28'999	36'497	43'996	46'769	46'726	44'177	30'404	37'088	48'518	...
132m	- Int'l outgoing telephone (minutes).....		10x3	4'777	4'808	4'503	4'029	4'835	4'652	4'678	5'133	4'531	3'753
132mi	- Int'l incoming telephone (minutes).....		10x3	...	...	...	3'599	6'327	6'912	5'785	8'894	12'176	...
132mb	- Int'l bothway telephone (minutes).....		10x3	...	...	...	7'628	11'162	11'564	10'462	14'026	16'707	...
STAFF													
51	Full-time telecommunication staff.....			456	480	480	480	514	472	437	395	525	557
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	132.0	...	...	131.0	94.0	120.0	98.0	112.5	...	...
TARIFFS													
151	Residential teleph. connection charge.....			25'000	25'000	25'000	25'000	25'000	25'000	25'000	20'000	20'000	20'000
151b	Business teleph. connection charge.....			25'000	25'000	25'000	25'000	25'000	25'000	25'000	20'000	20'000	20'000
152	Residential teleph. monthly subscription.....			3'500	3'500	3'500	3'500	3'500	3'500	3'500	3'500	3'500	3'500
152b	Business teleph. monthly subscription.....			3'500	3'500	3'500	3'500	3'500	3'500	3'500	3'500	3'500	3'500
153	3-minute local call (peak rate).....			35	35	35	35	35	35	35	35	35	35
153o	3-minute local call (off-peak rate).....			35	35	35	35	35	35	35	35	35	35
151c	Cellular connection charge.....			—	—	—	—	50'000	50'000	50'000	50'000	50'000	10'000
152c	Cellular monthly subscription.....			—	—	—	—	9'000	9'000	9'000	9'000	3'000	—
153c	Cellular - 3-min. local call (peak rate).....			—	—	—	—	105	105	105	105	105	150
153co	Cellular - 3-min. local call (off-peak rate).....			—	—	—	—	105	105	105	105	105	150
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	3'838	3'800	3'737	3'728	3'659	3'592	3'683	3'540	3'640	4'000
71	- Telephone service revenue.....		10x6	2'583	2'688	2'637	2'651	2'657	2'847	2'978	2'790	2'950	...
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	1'452	...	673	752	384	371	375	382	382	...
BROADCASTING													
965	Television receivers.....		9	25'000	30'000	36'000	42'000	45'000	46'000	47'000	48'000	49'000	50'000
965h	Television equipped households.....			...	...	...	...	34'400	35'000	36'000	36'500	37'500	38'500
965s	Home satellite antennas.....			...	...	...	4'000	4'800	4'850	4'900	4'950	5'000	5'100
INFORMATION TECHNOLOGY													
422	Personal computers.....		10	...	...	...	4'000	4'500	5'000	5'500	6'000	6'500	7'000
4211	Internet hosts.....		11	—	—	—	—	4	4	4	39	42	13
4212	Estimated Internet users.....			...	...	...	100	200	550	650	750	1'400	3'300

Source: Office des Postes et Télécommunications (OPT).

(1) Source: UN, 1993: census, 1997-2001: World Bank, ITU estimate. (2) ITU estimate. (3) Source: World Bank. 2001: Djibouti Central Bank. (4) Source: World Bank. (5) Source: IMF. (6) Since 2000: ITU estimate. (7) 1984: ITU estimate. (8) Source: O.P.T. 1996: Public facsimile machines. (9) Source: RTD, OPT. (10) Source: ACCT. (11) Source: Internet Software Consortium. 1997: Office des Postes et Télécommunications. Since 2000: RIPE.

Area: 1'000'250 km2

National currency: Pound

Indicators	Unit	Year Ending 30.06											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	55'339	56'434	57'556	58'180	59'272	60'348	61'401	62'430	63'475	64'550
62	Households.....	2	10x3	11'100	11'280	11'500	12'300	12'514	12'732	12'954	13'180	13'410	13'800
63	Gross domestic product (GDP).....	3	10x6	139'100	157'300	175'000	204'000	229'400	257'200	278'100	302'100	338'700	361'800
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	26'500	25'500	29'000	33'100	36'760	47'700	58'200	59'500	60'000	59'400
652	Average annual exchange rate per US\$.....	5		3.32	3.35	3.39	3.39	3.39	3.39	3.39	3.40	3.47	3.97
66_95	Consumer price index (1995=100).....	6		71	80	86	100	107	112	117	120	124	126
677i	Telecom equipment imports (US\$).....		10x6	...	...	121	97	123	145	304	336	...	238
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	7	10x3	2'028	2'235	2'456	2'716	3'025	3'453	3'972	4'686	5'484	6'688
91	Main telephone lines per 100 inhabitants.....			3.66	3.96	4.27	4.67	5.10	5.72	6.47	7.51	8.64	10.36
1111c	Residential main lines per 100 households...			13.1	14.2	15.3	15.9	17.6	20.1	23.9	27.7	31.9	39.7
1142	% digital main lines.....		%	43.0	47.0	56.3	67.0	72.0	75.0	82.0	86.0	96.0	99.0
116	% residential main lines.....	8	%	71.5	71.8	71.6	72.0	73.0	74.2	78.0	77.8	78.0	82.0
1112	Public payphones.....	9		3'438	3'873	4'134	4'734	5'046	4'946	4'976	10'316	21'987	35'170
123	Waiting list for main lines.....	10	10x3	1'246	1'238	1'310	1'300	1'300	1'278	1'363	1'294	1'300	583
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			4'913	6'877	7'371	7'368	7'369	65'378	90'786	480'974	1'359'900	2'793'800
2712	- Digital cellular subscribers.....			—	—	—	—	—	58'154	83'536	473'942	1'359'900	2'793'800
911	Cellular subscribers per 100 inhabitants.....			0.01	0.01	0.01	0.01	0.01	0.11	0.15	0.77	2.14	4.33
275	Radio paging subscribers.....	11		4'640	5'593	9'182	23'000	37'000	36'335	27'307	28'770	26'971	23'637
OTHER SERVICES													
255	Estimated facsimile machines.....			13'638	17'608	21'591	27'332	31'394	30'720	33'068	34'194	...	...
28	ISDN subscribers.....			—	—	—	—	—	—	—	—	617	3'057
28c	ISDN B channel equivalents.....	12		—	—	—	—	—	—	—	—	1'250	6'150
311	Telex subscribers.....			6'017	5'621	4'994	4'400	3'700	3'172	2'652	2'263	...	...
TRAFFIC													
1312c	- National trunk telephone (calls).....	13	10x6	211	228	270	314	371	428	563	791	...	...
132m	- Int'l outgoing telephone (minutes).....	14	10x6	74	80	94	100	113	119	127	149	187	223
132mi	- Int'l incoming telephone (minutes).....	15	10x6	258	372	396	376	417	451	475	532	621	811
132mb	- Int'l bothway telephone (minutes).....		10x6	332	452	489	476	530	571	603	681	808	1'034
STAFF													
51	Full-time telecommunication staff.....			52'705	52'890	52'383	52'291	51'750	51'981	55'647	55'524	54'922	54'810
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	...	...	...	...	...	8.2	7.2	6.9	2.0	0.5
TARIFFS													
151	Residential teleph. connection charge.....			400	400	400	...	...	500	500	500	500	500
151b	Business teleph. connection charge.....			900	900	900	...	...	1'000	1'000	1'000	1'000	1'000
152	Residential teleph. monthly subscription.....			3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
152b	Business teleph. monthly subscription.....			6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25
153	3-minute local call (peak rate).....			0.05	0.05	0.05	...	...	0.10	0.10	0.10	0.05	0.05
153o	3-minute local call (off-peak rate).....			...	...	...	...	...	0.10	0.10	0.10	0.05	0.05
151c	Cellular connection charge.....	16		...	...	3'400	...	...	...	...	500	500	500
152c	Cellular monthly subscription.....	17		...	...	300	...	...	...	...	105	65	65
153c	Cellular - 3-min. local call (peak rate).....	18		...	...	0.45	...	...	...	...	1.50	2.70	2.70
153co	Cellular - 3-min. local call (off-peak rate).....			...	...	...	...	...	...	...	1.20	2.10	2.10
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	1'489	1'681	1'801	2'168	2'622	2'963	4'657	6'793	9'463	10'157
71	- Telephone service revenue.....		10x6	1'338	...	...	...	...	...	...	3'507	3'691	3'033
741	- Mobile communication revenue.....	19	10x6	...	...	...	...	...	...	541	2'476	3'943	4'150
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	980	931	1'003	...	...	...	...	2'424	1'781	2'412
BROADCASTING													
965	Television receivers.....	20	10x3	7'600	7'900	8'800	9'600	10'600	11'600	12'800	14'000	14'400	14'900
965h	Television equipped households.....	21	10x3	6'300	6'600	7'300	8'000	8'800	9'700	10'700	11'640	12'025	12'400
965s	Home satellite antennas.....	22	10x3	...	...	150	...	...	669	...	877	882	887
INFORMATION TECHNOLOGY													
422	Personal computers.....	23		...	...	194'000	250'000	350'000	450'000	600'000	750'000	800'000	1'000'000
4211	Internet hosts.....	24		—	10	153	561	1'976	1'805	2'420	2'355	2'240	1'802
4212	Estimated Internet users.....			...	600	4'000	20'000	40'000	60'000	100'000	200'000	450'000	600'000

Source: Telecom Egypt.

(1) Source: UN. (2) 1960,1976,1986: UN. 2000: UNCHS. Other years: ITU estimates. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 2002: September. (8) 1995-96: ITU estimates. (9) 1999-2001: Including data from Menatel Company and Nile Company. (10) 1983-86: Estimates. 1995-96: ITU estimates. (11) 1995: ITU estimate. (12) 1999-2000: Estimated. (13) 1996: ITU estimate. (14) 1984: Estimate. Year ending 31.12. (15) Year ending 31.12. (16) 1999: Mobinil. Classic Plan. Excluding sales tax. 2000-2001: Mobinil "Light" plan. (17) 1999: Mobinil. Classic Plan. Excluding sales tax. 2000-2001: Mobinil "Light" plan. (18) 1999: Mobinil. Classic Plan. Excluding sales tax. 2000-2001: Mobinil "Light" plan. (19) Source: ITU estimates. (20) Source: Unesco, ITU estimates. (21) ITU estimates. Eutelsat. (22) Eutelsat. (23) Source: ITU estimates. (24) Source: RIPE.

Indicators		Unit	Year Ending 30.06										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	18'991	19'260	19'650	20'090	20'607	21'177	21'800	22'450	22'946	23'585
62	Households.....	2	10x3	2'315	2'362	2'410	2'459	2'509	2'560	2'612	2'665	2'722	2'840
652	Average annual exchange rate per US\$.....	3		0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	4	10x3	714	680	649	639	640	651	650	675	675	675
91	Main telephone lines per 100 inhabitants.....			3.76	3.53	3.30	3.18	3.10	3.07	2.98	3.01	2.94	2.86
OTHER SERVICES													
311	Telex subscribers.....			3'330	3'135	3'160	3'166	...	...	...	...	...	...
TRAFFIC													
132c	- Int'l outgoing telephone (calls).....		10x6	3	3	1	1	1	2	4	...	...	...
132m	- Int'l outgoing telephone (minutes).....		10x6	10	12	5	4	6	6	19	...	...	...
BROADCASTING													
965	Television receivers.....	5	10x3	1'400	1'450	1'500	1'600	1'700	1'750	1'800	1'850	1'900	...
INFORMATION TECHNOLOGY													
4211	Internet hosts.....	6		—	—	—	—	—	—	—	5	1	—
4212	Estimated Internet users.....			...	...	...	...	...	...	...	...	...	12'500

Source: Iraqi Telecommunications and Posts.

(1) Source: UN; 1987: Latest census. (2) 1965, 1985, 2000: UN. Other years: ITU estimates. (3) Source: World Bank. (4) 1989,1999-2000: Estimate. (5) Source 1992-93, 1995-96: Unesco. (6) Source: Internet Software Consortium.

Area: 96'000 km2

National currency: Dinar

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	3'843	3'991	4'110	4'291	4'444	4'600	4'756	4'900	5'039	5'182
62	Households.....	2	10x3	580	609	672	684	697	709	751	796	843	894
63	Gross domestic product (GDP).....	3	10x6	3'648	3'926	4'400	4'774	4'982	5'192	5'647	5'724	5'913	6'259
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	1'049	1'304	1'391	1'395	1'445	1'325	1'183	1'088	1'199	...
652	Average annual exchange rate per US\$.....	5		0.68	0.69	0.70	0.70	0.71	0.71	0.71	0.71	0.71	0.71
66_95	Consumer price index (1995=100).....	6		91	94	98	100	107	110	115	115	115	117
677i	Telecom equipment imports (US\$).....		10x6	...	...	13	40	...	36	58	43	59	125
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	7		278'265	290'086	316'593	317'007	345'527	404'333	510'875	565'273	614'000	668'000
91	Main telephone lines per 100 inhabitants.....			7.24	7.27	7.70	7.39	7.78	8.79	10.74	11.54	12.18	12.89
1111c	Residential main lines per 100 households...			38.9	38.6	34.8	32.4	35.2	42.5	52.4	54.0	56.8	58.3
1142	% digital main lines.....		%	65.0	68.0	70.0	70.6	74.0	85.0	93.0	93.9	94.0	94.0
116	% residential main lines.....		%	81.0	81.0	74.0	70.0	71.0	74.6	77.0	76.0	78.0	78.0
1112	Public payphones.....			308	...	...	687	730	656	3'489	6'308	7'420	7'851
123	Waiting list for main lines.....			77'280	99'449	119'971	128'978	156'158	161'076	73'664	29'687	14'583	9'350
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....	8		1'462	1'456	1'446	12'400	16'100	45'037	82'429	118'417	388'949	866'000
2712	- Digital cellular subscribers.....			—	—	—	12'400	16'100	45'037	82'429	118'417	388'949	866'000
911	Cellular subscribers per 100 inhabitants.....			0.04	0.04	0.04	0.29	0.36	0.98	1.73	2.42	7.72	16.71
275	Radio paging subscribers.....			—	—	2'060	7'090	12'580	15'240	11'540	23'450	11'700	4'412
OTHER SERVICES													
28	ISDN subscribers.....	9		—	—	—	—	—	—	—	661	1'175	1'826
28c	ISDN B channel equivalents.....	10		—	—	—	—	—	—	—	1'322	5'227	10'603
TRAFFIC													
131m	Total national telephone (minutes).....		10x6	3'035	3'295	3'442	...	...	3'513	4'563	5'249	5'724	6'582
1311m	- Local telephone (minutes).....		10x6	2'837	3'085	3'175	...	...	3'152	4'107	4'743	5'202	...
1312m	- National trunk telephone (minutes).....		10x6	198	210	267	...	...	361	456	506	521	488
132m	- Int'l outgoing telephone (minutes).....	11	10x6	46	50	57	72	75	92	123	146	171	190
132mi	- Int'l incoming telephone (minutes).....		10x6	92	100	112	127	141	147	178	192	214	217
132mb	- Int'l bothway telephone (minutes).....		10x6	138	150	169	198	216	239	300	337	385	408
STAFF													
51	Full-time telecommunication staff.....			3'553	3'787	3'876	4'382	4'585	5'259	5'675	5'880	6'430	6'541
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	79.7	74.5	69.8	65.0	72.0	76.0	60.0	42.0	18.2	14.2
TARIFFS													
151	Residential teleph. connection charge.....	12		125	125	125	125	125	125	125	125	100	80
151b	Business teleph. connection charge.....			250	250	250	250	250	250	250	250	200	160
152	Residential teleph. monthly subscription.....	13		2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.80	3.35
152b	Business teleph. monthly subscription.....			5.00	5.00	5.00	5.00	5.00	5.00	5.00	6.00	7.20	8.00
153	3-minute local call (peak rate).....			0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03
151c	Cellular connection charge.....			1'000	1'000	1'000	70	70	70	70	70	15	15
152c	Cellular monthly subscription.....			64.14	64.14	64.14	21.00	21.00	21.00	21.00	15.00	5.00	5.00
153c	Cellular - 3-min. local call (peak rate).....			0.06	0.06	0.06	0.72	0.72	0.56	0.56	0.56	0.44	0.34
153co	Cellular - 3-min. local call (off-peak rate).....			...	...	...	0.42	0.42	0.30	0.30	0.30	0.24	0.24
REVENUE AND EXPENSE													
75	Total telecom services revenue.....	14	10x6	112	135	153	...	217	221	257	283	400	489
71	- Telephone service revenue.....	15	10x6	85	101	113	156	173	169	187	193	279	283
741	- Mobile communication revenue.....		10x6	...	...	...	...	16	33	58	69	96	188
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....	16	10x6	1.35	3.80	9.94	9.38	35.00	68.20	104.10	88.00	154.00	188.00
BROADCASTING													
965	Television receivers.....	17		530'000	569'000	644'000	670'000	697'000	725'000	785'000	849'000	899'000	918'000
965h	Television equipped households.....	18		481'400	517'700	585'100	609'200	634'000	659'500	713'500	772'120	817'700	834'500
965c	Cable TV subscribers.....			—	—	—	200	600	800	1'000	1'200	1'400	...
965s	Home satellite antennas.....	19		1'200	2'500	6'000	1'000	2'500	70'918	90'100	188'652	210'750	261'000
INFORMATION TECHNOLOGY													
422	Personal computers.....			...	...	30'000	35'000	40'000	50'000	77'000	90'000	150'000	170'000
4211	Internet hosts.....	20		—	—	—	19	140	249	370	978	907	2'185
4212	Estimated Internet users.....			...	...	...	1'000	2'000	27'354	60'816	120'000	127'317	234'000

Source: Telecommunications Regulatory Commission.

(1) Source: Until 1986: UN; From 1987: Jordan Department of Statistics. 1994: Latest census. (2) 1979: UN. 1994: Census data. 1995: TCC. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 1983: Estimate. (8) 1997: ITU estimate. (9) 2000: Preliminary. (10) 1999-2001: Estimated. (11) 1983-84: Estimate. (12) 2001: Including 89 free local minutes. (13) 2001: Including 89 free minutes per month. (14) 1996-2000: Jordan Telekom. (15) 1999-2000: Jordan Telekom. (16) 2000: Jordan Telekom. (17) ITU estimates. (18) ITU estimates. (19) Estimates of Telecommunications Corporation. ITU estimates. (20) Source: Internet Software Consortium. Since 1999: RIPE.

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	1'776	1'784	1'792	1'802	1'894	1'980	2'027	2'107	2'190	2'275
62	Households.....	2	10x3	251	253	255	255	284	316	352	392	437	454
63	Gross domestic product (GDP).....	3	10x6	5'826	7'231	7'380	7'925	9'303	9'060	7'742	8'884	10'991	10'057
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	1'013	1'094	982	1'198	1'230	1'240	1'448	1'335	827	866
652	Average annual exchange rate per US\$.....	5		0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.31
66_95	Consumer price index (1995=100).....	6		95	95	97	100	104	104	104	108	109	111
677i	Telecom equipment imports (US\$).....		10x6	139	140	114	129	147	...	...	...	...	...
TELEPHONE NETWORK													
112	Main telephone lines in operation.....		10x3	346	358	373	382	392	412	427	456	467	472
91	Main telephone lines per 100 inhabitants.....			19.46	20.07	20.80	21.22	20.68	20.79	21.08	21.62	21.33	20.77
1111c	Residential main lines per 100 households...			...	86.7	...	...	89.5	84.7	80.1	75.6	69.5	67.7
1142	% digital main lines.....		%	75.0	82.4	84.8	84.8	92.3	93.0	94.0	97.0	100.0	100.0
116	% residential main lines.....		%	...	61.3	...	...	64.9	65.0	66.0	65.0	65.0	65.0
1112	Public payphones.....			316	360	496	546	562	559	574	550	620	690
123	Waiting list for main lines.....		8	2'773	2'034	2'605	2'620	2'632	32'168	37'523	—	—	—
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....		10x3	51	64	85	118	151	210	250	300	476	878
2712	- Digital cellular subscribers.....		10x3	—	—	8	40	76	126	180	220	...	878
911	Cellular subscribers per 100 inhabitants.....			2.87	3.60	4.75	6.53	7.97	10.61	12.33	14.24	21.74	38.59
275	Radio paging subscribers.....		10x3	96	110	97	120	145	160	180	185	...	...
OTHER SERVICES													
255	Estimated facsimile machines.....			...	25'000	30'000	35'000	40'000	42'000	50'000	60'000	...	...
311	Telex subscribers.....			455	544	535	485	448	418	396	374	...	...
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....		10x6	113	117	118	126	143	160	173	180	159	167
132mi	- Int'l incoming telephone (minutes).....		9	10x6	...	125	138	153	160	167	162	...	...
132mb	- Int'l bothway telephone (minutes).....		10x6	...	242	256	279	303	320	340	342	...	...
STAFF													
51	Full-time telecommunication staff.....			7'425	7'430	7'350	7'292	7'485	8'397	8'653	7'632	7'695	7'378
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	...	30.0	30.0	27.0	28.0	30.0	30.0	30.0	...	...
TARIFFS													
151	Residential teleph. connection charge.....			35	35	35	35	35	35	35	35	35	35
151b	Business teleph. connection charge.....			75	75	75	75	75	75	75	75	75	75
152	Residential teleph. monthly subscription.....			2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
152b	Business teleph. monthly subscription.....			5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83	5.83
151c	Cellular connection charge.....			...	150	20	20	20	20	40	40	40	51
152c	Cellular monthly subscription.....			...	8	8	8	4	4	4	4	4	4
153c	Cellular - 3-min. local call (peak rate).....			...	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
153co	Cellular - 3-min. local call (off-peak rate).....			...	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
REVENUE AND EXPENSE													
75	Total telecom services revenue.....	10	10x6	67.25	67.42	79.20	72.42	90.97	99.27	105.13	114.90	194.00	222.00
71	- Telephone service revenue.....		10x6	66.45	66.55	...	...	...	...	...	...	103.02	100.13
741	- Mobile communication revenue.....		10x6	...	...	...	...	...	...	...	...	90.30	120.00
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	...	...	33.46	13.90	75.99	12.50	58.00	126.00	...	...
BROADCASTING													
965	Television receivers.....	11	10x3	610	615	620	630	860	875	890	910	930	950
965s	Home satellite antennas.....	12	10x3	...	...	...	...	...	372	435	498	570	650
INFORMATION TECHNOLOGY													
422	Personal computers.....	13		53'000	70'000	85'000	95'000	125'000	150'000	190'000	230'000	250'000	272'000
4211	Internet hosts.....	14		—	138	220	1'233	2'920	4'057	6'231	4'069	3'360	3'437
4212	Estimated Internet users.....			...	1'700	2'600	3'500	15'000	40'000	60'000	100'000	150'000	200'000

Source: Ministry of Communications, Mobile Telecommunications Company (MTC).

(1) Source: UN; 1995-2001: Ministry of Planning. ITU estimate. (2) 1965,1970,1975,1980: UN. 1985,1995, 2000: Ministry of Planning. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 2000-01: Estimate. (8) 1995: ITU estimate. (9) 1993, 1996 and 1997: Estimate. (10) 2000-2001: Estimate. (11) Source: Unesco, ITU estimates. (12) 2000-01: Estimate. (13) ITU estimate. (14) Source: Internet Software Consortium.

Area: 10'400 km2

National currency: Pound

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	2'700	2'810	2'910	3'010	3'084	3'144	3'191	3'236	3'286	3'350
62	Households.....	2	10x3	574	598	619	640	656	669	679	688	699	713
63	Gross domestic product (GDP).....	3	10x9	9'827	13'137	15'523	18'317	20'800	22'877	24'639	24'300	24'856	25'189
652	Average annual exchange rate per US\$.....	4		1'712.79	1'741.04	1'680.07	1'621.40	1'571.44	1'539.45	1'516.13	1'507.84	1'507.50	1'507.50
677e	Telecom equipment exports (US\$).....		10x6	...	...	...	...	...	...	...	4	5	4
677i	Telecom equipment imports (US\$).....		10x6	...	...	...	...	...	...	...	80	62	49
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	5	10x3	415	426	437	449	461	562	566	571	576	626
91	Main telephone lines per 100 inhabitants.....			15.38	15.16	15.03	14.91	14.93	17.86	17.74	17.65	17.53	18.69
1111c	Residential main lines per 100 households...			28.9	...	...	...	...	...	...	62.2	...	...
1142	% digital main lines.....		%	75.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0
116	% residential main lines.....		%	40.0	...	...	...	...	...	...	75.0	...	...
1112	Public payphones.....			170	...	...	...	...	...	...	...	...	...
123	Waiting list for main lines.....		10x3	240	...	...	...	...	...	...	...	...	...
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....	6	10x3	—	—	—	120	198	374	505	627	743	767
2712	- Digital cellular subscribers.....		10x3	—	—	—	120	198	374	505	627	743	800
911	Cellular subscribers per 100 inhabitants.....			—	—	—	3.99	6.42	11.89	15.84	19.38	22.61	22.89
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....	7	10x6	12	15	22	34	39	60	70	81	85	93
132mi	- Int'l incoming telephone (minutes).....	8	10x6	...	75	96	130	175	240	300	320	...	...
132mb	- Int'l bothway telephone (minutes).....		10x6	...	90	118	164	214	300	370	401	...	...
STAFF													
51	Full-time telecommunication staff.....	9		4'500	4'000	3'500	3'500	4'000	5'000	5'000	5'700	...	...
TARIFFS													
151	Residential teleph. connection charge.....			100'000	...	627'000	627'000	627'000	627'000	427'000	427'000	427'000	200'000
151b	Business teleph. connection charge.....			...	...	727'000	727'000	627'000	627'000	427'000	427'000	427'000	200'000
152	Residential teleph. monthly subscription.....			2'000	...	5'000	5'000	8'000	8'000	20'000	20'000	20'000	12'000
152b	Business teleph. monthly subscription.....			...	...	5'000	5'000	8'000	8'000	20'000	20'000	20'000	20'000
153	3-minute local call (peak rate).....			30	30	30	30	70	70	100	110	110	110
153o	3-minute local call (off-peak rate).....			...	...	30	30	40	36	50	55	55	55
151c	Cellular connection charge.....		10	—	—	—	770'000	770'000	770'000	758'065	226'175	...	124'000
152c	Cellular monthly subscription.....		11	—	—	—	38'500	38'500	38'500	37'903	22'610	...	37'525
153c	Cellular - 3-min. local call (peak rate).....		12	—	—	—	231	231	231	364	306	...	646
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x9	80	...	250	310	420	509	660	900	...	...
741	- Mobile communication revenue.....		10x9	—	—	—	164	279	473	662	...	...	...
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x9	50	...	...	...	...	...	...	...	...	...
BROADCASTING													
965	Television receivers.....	13	10x3	950	995	1'035	1'075	1'096	1'107	1'120	1'150	1'170	1'195
965h	Television equipped households.....	14	10x3	...	...	...	...	550	590	600	620	640	660
965c	Cable TV subscribers.....	15	10x3	...	...	...	0.50	1.20	4.50	10.00	19.00	50.00	100.00
965s	Home satellite antennas.....		10x3	...	...	...	...	40	90	...	253	275	300
INFORMATION TECHNOLOGY													
422	Personal computers.....	16		...	...	40'000	50'000	75'000	100'000	125'000	150'000	175'000	250'000
4211	Internet hosts.....	17		—	—	—	88	601	1'134	2'358	3'889	—	7'101
4212	Estimated Internet users.....	18		...	...	...	2'500	5'000	45'000	100'000	200'000	300'000	260'000

Source: Ministère des Postes et des Télécommunications.

(1) Source: UN. 1996: census. Other years: ITU estimate. (2) 1996: census. Other years: ITU estimate. (3) Source: IMF. Since 1997: World Bank. (4) Source: IMF. (5) 1982-95, 1998-99: ITU estimate. (6) ITU estimate. (7) 1993: ITU estimate. (8) 1993, 1995-96: ITU estimate. (9) 1992: ITU estimate. (10) From 1999: LibanCell. (11) From 1999: LibanCell. (12) From 1999: LibanCell. (13) Source: Lebanese Broadcasting Corporation International. ITU estimate. (14) ITU estimate. (15) MMDS antennas. (16) Source: Lebanese Broadcasting Corporation International. (17) Source: Internet Software Consortium. Since 1999: RIPE. (18) Source: Lebanese Broadcasting Corporation International.

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	4'872	5'044	5'222	5'408	5'593	5'552	5'511	5'471	5'605	5'580
62	Households.....	2	10x3	657	681	705	730	754	770	790	810	830	...
63	Gross domestic product (GDP).....	3	10x6	9'541	9'332	9'967	10'680	12'180	14'149	12'742	14'139	17'395	...
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	1'008	1'504	1'622	1'245	1'640	1'685	1'397	1'536	2'281	...
652	Average annual exchange rate per US\$.....	5		0.28	0.31	0.32	0.35	0.36	0.38	0.39	0.46	0.50	0.60
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	6	10x3	236	240	264	318	380	400	500	550	605	610
91	Main telephone lines per 100 inhabitants.....			4.84	4.76	5.06	5.88	6.79	7.20	9.07	10.05	10.79	10.93
1111c	Residential main lines per 100 households...			...	...	...	...	40.3	41.6	50.6	54.3	...	...
1142	% digital main lines.....		%	...	...	...	...	60.0	65.0	70.0	70.0	...	...
116	% residential main lines.....		%	...	...	...	...	80.0	80.0	80.0	80.0	...	...
1112	Public payphones.....			...	...	...	450	450	450	450	450	...	...
123	Waiting list for main lines.....		10x3	232	...	...	...	...	...	...	80	...	...
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....	7		—	—	—	—	—	10'000	20'000	30'000	40'000	50'000
2712	- Digital cellular subscribers.....			—	—	—	—	—	10'000	20'000	30'000	40'000	50'000
911	Cellular subscribers per 100 inhabitants.....			—	—	—	—	—	0.18	0.36	0.55	0.71	0.90
OTHER SERVICES													
311	Telex subscribers.....			2'619	2'720	2'670	2'608	2'608	...	...	...	...	...
TRAFFIC													
132c	- Int'l outgoing telephone (calls).....		10x3	1'676	1'928	2'121	2'333	...	...	...	...	...	...
132m	- Int'l outgoing telephone (minutes).....	8	10x3	33'528	38'557	42'413	46'655	35'500	43'000	43'000	43'000	43'000	45'200
132mi	- Int'l incoming telephone (minutes).....		10x3	...	17'000	15'000	13'000	25'000	24'500	...	...	...	...
132mb	- Int'l bothway telephone (minutes).....		10x3	...	55'557	57'413	59'655	60'500	67'500	...	...	...	...
STAFF													
51	Full-time telecommunication staff.....	9		8'886	...	...	10'000	12'000	13'000	14'000	14'000	14'000	...
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	230.0	...	...	...	...	...	...	...	...	...
TARIFFS													
151	Residential teleph. connection charge.....			45	45	45	45	45	...	...	...	...	...
151b	Business teleph. connection charge.....			...	...	200	200	200	...	...	...	...	...
152	Residential teleph. monthly subscription.....			1.67	1.67	1.67	1.67	1.67	...	...	...	...	...
152b	Business teleph. monthly subscription.....			...	...	16.66	16.66	16.66	...	...	...	...	...
153	3-minute local call (peak rate).....			0.01	0.01	0.01	0.01	0.01	...	...	...	...	...
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	79.75	...	...	...	85.00	...	...	...	...	...
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	60.00	...	...	...	40.00	...	...	...	...	...
BROADCASTING													
965	Television receivers.....	10	10x3	485	504	525	550	680	730	750	760	770	...
965s	Home satellite antennas.....	11	10x3	...	...	...	...	7	...	...	...	...	...
INFORMATION TECHNOLOGY													
4211	Internet hosts.....	12		—	—	—	—	—	1	4	3	29	70
4212	Estimated Internet users.....			...	...	...	...	...	...	...	7'000	10'000	20'000

Source: General Post and Telecommunication Company (GDPT).

(1) Source: UN; ITU estimate. (2) ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) 1990, 99-2000: Estimate. (7) 1997: ITU estimate. (8) 1983-84: Estimate. (9) 1983-84: Estimate. (10) Source: ITU estimates, GPTC. (11) Source: 1996: GPTC. (12) Source: Internet Software Consortium.

Area: 1'030'700 km2

National currency: Ouguiya

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	2'069	2'124	2'180	2'237	2'296	2'357	2'419	2'483	2'548	2'614
62	Households.....	2	10x3	383	393	404	414	425	436	448	460	464	476
63	Gross domestic product (GDP).....	3	10x6	96'591	114'544	124'162	137'339	148'318	160'618	185'262	198'416	218'850	240'318
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	18'080	17'314	20'147	23'684	17'326	25'094	25'479	...	27'995	54'280
652	Average annual exchange rate per US\$.....	5		87.03	120.81	123.58	129.77	137.22	151.85	188.48	209.51	238.92	255.63
66_95	Consumer price index (1995=100).....	6		116	127	133	141	148	155	167	174	179	188
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			6'750	7'499	8'426	9'249	10'204	13'045	15'030	16'525	18'969	25'199
91	Main telephone lines per 100 inhabitants.....			0.33	0.35	0.39	0.41	0.44	0.55	0.62	0.67	0.74	0.96
1111c	Residential main lines per 100 households...			1.0	0.7	0.8	0.9	1.2	1.3	1.7	2.3	2.5	2.8
1142	% digital main lines.....		%	89.0	89.0	90.4	99.0	99.0	99.0	99.0	100.0	100.0	100.0
116	% residential main lines.....		%	58.0	37.0	40.0	42.0	48.5	44.6	50.3	64.8	60.0	53.2
1112	Public payphones.....			204	214	195	195	328	457	758	893	883	2'671
123	Waiting list for main lines.....	7		3'000	...	...	3'908	4'906	6'397	10'346	47'780	...	...
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			—	—	—	—	—	—	—	—	7'133	112'463
911	Cellular subscribers per 100 inhabitants.....			—	—	—	—	—	—	—	—	0.28	4.30
OTHER SERVICES													
255	Estimated facsimile machines.....			...	...	...	302	2'700	2'200	2'600	3'300	...	...
311	Telex subscribers.....	8		190	191	191	205	140	126	117	115	120	130
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....	9	10x3	4'357	4'278	4'504	4'128	4'889	5'475	6'300	8'078	9'029	9'800
132mi	- Int'l incoming telephone (minutes).....		10x3	2'449	3'748	4'324	4'053	6'270	7'961	9'441	10'340	...	...
132mb	- Int'l bothway telephone (minutes).....		10x3	6'806	8'026	8'828	8'181	11'159	13'436	15'741	18'418	...	...
STAFF													
51	Full-time telecommunication staff.....	10		400	410	456	451	443	456	454	480	720	...
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	165.0	148.0	206.0	327.0	152.0	143.0	138.0	115.0	...	...
TARIFFS													
151	Residential teleph. connection charge.....			42'000	42'000	44'000	46'240	46'240	46'240	46'240	46'240	46'240	26'172
151b	Business teleph. connection charge.....			70'000	70'000	72'000	74'240	74'240	74'240	74'240	74'240	74'240	51'172
152	Residential teleph. monthly subscription.....			644	644	1'344	1'715	1'504	1'504	1'504	1'504	1'504	1'482
152b	Business teleph. monthly subscription.....			644	644	1'344	1'715	1'504	1'504	1'504	1'504	1'504	1'482
153	3-minute local call (peak rate).....			14.00	14.00	16.00	18.24	18.24	18.24	18.24	18.24	18.24	34.20
153o	3-minute local call (off-peak rate).....			...	...	...	18.24	18.24	18.24	18.24	18.24	18.24	22.23
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	2'248	2'468	2'976	3'236	3'766	4'513	5'330	5'988	6'028	...
71	- Telephone service revenue.....		10x6	1'664	1'817	2'579	...	...	4'345	5'186	5'827	...	...
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	122	398	1'167	1'608	2'392	1'926	1'049	858	...	...
BROADCASTING													
965	Television receivers.....	11	10x3	49	79	100	184	193	221	231	247	250	260
965h	Television equipped households.....	12	10x3	...	...	...	...	...	197	206	215	220	225
965s	Home satellite antennas.....		10x3	...	...	...	...	2	2	2	3	...	...
INFORMATION TECHNOLOGY													
422	Personal computers.....	13		...	...	...	...	13'000	14'000	15'000	20'000	25'000	27'000
4211	Internet hosts.....	14		—	—	—	—	—	—	15	59	120	113
4212	Estimated Internet users.....			...	...	...	...	...	100	1'000	3'000	5'000	7'000

Source: Office des Postes et des Télécommunications (OPT).

(1) Source: 1988 and 2000: census results. Other years: ITU estimate. (2) 1977: UN. Since 2000: ARE. Other years: ITU estimate. (3) Source: IMF. From 2000: ARE. (4) Source: IMF. Since 2000: ARE. (5) Source: IMF. (6) Source: IMF. (7) 1984: ITU estimate. (8) 2000: ITU estimate. (9) 1984: ITU estimate. (10) 1984: ITU estimate. (11) Source: ITU estimate, OPT estimate. (12) Source: RFI. (13) Source: OPT. (14) Source: Internet Software Consortium.

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	25'547	26'069	26'074	26'621	27'170	27'518	27'692	27'867	28'705	29'170
62	Households.....	2	10x3	4'258	4'383	4'472	4'565	4'600	4'790	4'900	5'072	5'211	5'354
63	Gross domestic product (GDP).....	3	10x6	242'910	249'223	279'322	281'700	319'340	318'340	344'000	345'590	354'070	382'900
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	54'360	56'720	57'500	60'390	61'940	65'790	75'740	81'900	85'310	85'260
652	Average annual exchange rate per US\$.....	5		8.54	9.30	9.20	8.54	8.72	9.53	9.60	9.80	10.63	11.30
66_95	Consumer price index (1995=100).....	6		85	90	94	100	103	104	107	108	110	110
677e	Telecom equipment exports (US\$).....		10x6	...	...	...	...	...	...	...	1	...	...
677i	Telecom equipment imports (US\$).....		10x6	137	69	117	75	72	50	...	172	611	...
TELEPHONE NETWORK													
112	Main telephone lines in operation.....		10x3	654	827	1'007	1'128	1'208	1'301	1'393	1'471	1'425	1'191
91	Main telephone lines per 100 inhabitants.....			2.56	3.17	3.86	4.24	4.45	4.73	5.03	5.28	4.96	4.08
1111c	Residential main lines per 100 households...			11.4	14.3	17.3	19.2	20.5	21.4	22.5	22.6	21.1	...
1142	% digital main lines.....		%	88.3	90.2	93.0	95.0	98.3	99.3	99.5	100.0	100.0	100.0
116	% residential main lines.....		%	74.0	75.9	76.8	77.7	78.1	79.0	79.0	78.0	77.0	...
1112	Public payphones.....	7		4'423	6'306	9'890	17'966	23'876	28'515	31'617	38'845	46'843	...
123	Waiting list for main lines.....		10x3	135	108	104	93	48	29	18	14	5	...
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....		10x3	3	7	14	30	43	74	117	369	2'342	4'772
2712	- Digital cellular subscribers.....		10x3	—	—	5	20	33	68	111	364	2'342	4'772
911	Cellular subscribers per 100 inhabitants.....			0.01	0.03	0.05	0.11	0.16	0.27	0.42	1.32	8.16	16.36
275	Radio paging subscribers.....	8		—	—	—	—	...	...	3'889	6'789	4'414	...
OTHER SERVICES													
28	ISDN subscribers.....	9		—	—	—	—	38	216	612	2'397	6'728	10'000
28c	ISDN B channel equivalents.....			—	—	—	—	...	...	...	5'144	26'728	...
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....		10x6	103	125	130	130	129	150	181	220	245	270
132mi	- Int'l incoming telephone (minutes).....		10x6	147	193	235	265	287	364	467	...	...	...
132mb	- Int'l bothway telephone (minutes).....		10x6	249	318	365	394	416	514	648	...	...	...
131p	- Total national telephone (pulses).....		10x6	...	3'178	3'136	3'308	3'543	3'855	...	...	...	...
133p	Total telephone (pulses).....		10x6	...	...	...	...	5'592	5'375	...	...	...	...
STAFF													
51	Full-time telecommunication staff.....			11'484	12'632	13'396	14'626	14'772	14'208	14'150	14'068	14'511	16'200
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	84.3	67.0	63.0	49.0	55.0	46.0	37.0	32.0	24.8	...
TARIFFS													
151	Residential teleph. connection charge.....	10		300	340	340	340	340	600	600	600	600	600
151b	Business teleph. connection charge.....	11		300	340	340	340	340	700	700	1'200	1'200	1'200
152	Residential teleph. monthly subscription.....	12		20	30	30	53	53	60	65	65	65	78
152b	Business teleph. monthly subscription.....	13		20	30	30	53	53	70	80	90	108	108
153	3-minute local call (peak rate).....	14		0.75	0.80	0.80	0.80	0.96	0.96	0.96	0.96	0.96	1.62
153o	3-minute local call (off-peak rate).....			...	...	...	...	...	...	...	...	...	1.33
151c	Cellular connection charge.....	15		...	1'400	1'400	1'400	800	600	600	200	120	120
152c	Cellular monthly subscription.....	16		...	400	400	250	200	200	200	180	150	150
153c	Cellular - 3-min. local call (peak rate).....	17		...	16.00	16.00	12.00	12.00	9.60	9.60	7.20	7.20	7.20
153co	Cellular - 3-min. local call (off-peak rate).....			...	...	...	...	...	...	...	3.60	3.60	3.60
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	4'814	4'655	5'061	5'631	6'062	6'509	7'426	8'505	12'000	16'000
71	- Telephone service revenue.....		10x6	3'730	4'487	4'205	4'576	4'896	5'185	5'334	5'473	...	6'000
741	- Mobile communication revenue.....		10x6	40	84	...	...	...	...	...	1'253	3'000	6'000
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....	18	10x6	2'200	1'801	2'476	2'668	1'723	1'362	1'264	2'326	2'350	...
BROADCASTING													
965	Television receivers.....	19	10x3	3'757	3'891	3'951	4'096	4'245	4'368	4'466	4'568	4'784	4'862
965h	Television equipped households.....	20	10x3	2'700	3'100	3'480	3'500	3'500	3'600	3'700	3'900	4'000	4'100
965s	Home satellite antennas.....	21	10x3	...	...	403	529	715	901	930	771	780	800
INFORMATION TECHNOLOGY													
422	Personal computers.....	22		...	60'000	70'000	85'000	100'000	130'000	200'000	300'000	350'000	400'000
4211	Internet hosts.....	23		—	—	—	229	468	1'405	2'045	2'034	1'858	2'454
4212	Estimated Internet users.....	24		...	...	...	1'000	1'552	6'000	40'000	50'000	200'000	400'000

Source: Office National des Postes et Télécommunications (ONPT).

(1) Source: UN; Direction de la Statistique; ITU estimate. 1994: Latest census. (2) 1982: UN. 2000 and 2001: Direction de la Statistique. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) Including public call offices and privately-operated telephone centres. (8) Service opens in 1995. (9) 2001: ARNT estimate. (10) Excluding TVA 19%. (11) Excluding TVA 19%. (12) Excluding TVA 19%. (13) Excluding TVA 19%. (14) Excluding TVA 19%. (15) Network access cost 600 DH, technical reception costs 400 DH (if terminal has been bought in private sector), programming costs 400 DH. Excluding TVA 19%. (16) Excluding TVA 19%. (17) UT = 0.80 DH. Excluding TVA 19%. (18) Investments from ONPT. (19) Source: Ministry of Communication and ITU estimate. (20) Source: 1994: Eutelsat estimate of TV households. From 1999: ONE. (21) Source: Eutelsat; ITU estimate. From 1999: Radiodiffusion Télévision Marocaine. (22) Source: ITU estimate. (23) Source: RIPE. (24) Source: 1996: ONPT.

Area: 271'950 km2

National currency: Rial Omani

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	1'905	2'018	2'089	2'159	2'302	2'342	2'382	2'460	2'538	2'623
62	Households.....	2	10x3	300	287	290	292	326	330	340	350	359	371
63	Gross domestic product (GDP).....	3	10x6	4'788	4'804	4'967	5'307	5'874	6'090	5'416	6'041	7'639	7'668
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	783	842	782	795	994	1'482	...	...	...	...
652	Average annual exchange rate per US\$.....	5		0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
66_95	Consumer price index (1995=100).....			101	102	101	100	100	100	99	100	99	98
677i	Telecom equipment imports (US\$).....		10x6	...	23	25	44	54	65	44	67	44	122
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	6		130'107	147'784	157'840	169'939	197'687	200'557	219'956	220'373	225'436	235'307
91	Main telephone lines per 100 inhabitants.....			6.83	7.32	7.56	7.87	8.59	8.56	9.23	8.96	8.88	8.97
1111c	Residential main lines per 100 households...			35.6	41.2	42.5	44.7	...	...	...	...	...	...
1142	% digital main lines.....		%	96.3	97.7	99.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0
116	% residential main lines.....		%	82.0	80.0	78.0	77.0	...	...	...	...	...	...
1112	Public payphones.....			1'905	2'226	3'196	3'495	3'642	3'736	...	...	...	4'841
123	Waiting list for main lines.....			4'787	2'916	2'606	3'099	3'258	3'915	...	...	...	...
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			4'721	5'616	6'751	8'052	12'934	59'822	103'032	124'119	164'348	324'540
2712	- Digital cellular subscribers.....			—	—	—	—	4'692	53'318	...	...	...	201'000
911	Cellular subscribers per 100 inhabitants.....			0.25	0.28	0.32	0.37	0.56	2.55	4.33	5.04	6.48	12.37
275	Radio paging subscribers.....			11'333	21'856	35'907	51'546	...	71'034	...	...	...	...
OTHER SERVICES													
255	Estimated facsimile machines.....			2'212	2'512	2'683	2'889	5'778	6'356	...	...	...	...
311	Telex subscribers.....		7	892	821	722	647	566	817	...	...	...	...
TRAFFIC													
132m	- Int'l outgoing telephone (minutes).....		10x6	39	45	50	54	63	74	93	102	117	159
132mi	- Int'l incoming telephone (minutes).....		10x6	41	47	50	54	58	71	72	83	...	108
132mb	- Int'l bothway telephone (minutes).....		10x6	80	92	100	108	121	145	168	185	...	267
STAFF													
51	Full-time telecommunication staff.....			2'296	2'446	2'436	2'454	2'151	2'108	2'100	2'070	2'061	2'050
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		8 %	12.0	10.0	8.8	8.0	1.8	...	...	...	...	...
TARIFFS													
151	Residential teleph. connection charge.....			10	10	10	10	10	10	10	10	10	10
151b	Business teleph. connection charge.....			10	10	10	10	10	10	10	10	10	10
152	Residential teleph. monthly subscription.....			4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	3.00	3.00
152b	Business teleph. monthly subscription.....			4.00	4.00	4.00	4.00	4.00	4.00	4.00	3.00	3.00	3.00
153	3-minute local call (peak rate).....			0.03	0.08	0.08	0.03	0.03	0.03	0.03	0.03	0.03	0.03
151c	Cellular connection charge.....			...	50	50	50	10	10	10	10	10	10
152c	Cellular monthly subscription.....			...	21	21	6	6	6	6	6	4	4
153c	Cellular - 3-min. local call (peak rate).....			...	0.25	0.25	0.08	0.08	0.08	0.08	0.75	0.75	0.75
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	68	71	76	82	89	106	135	141	149	163
71	- Telephone service revenue.....		10x6	65	63	67	73	78	85	...	...	...	...
741	- Mobile communication revenue.....		10x6	2	3	4	5	...	...	...	...	...	...
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	13	40	6	16	30	22	...	...	...	...
BROADCASTING													
965	Television receivers.....		9	10x3	1'195	1'300	1'302	1'303	1'361	1'395	1'400	1'415	1'430
965s	Home satellite antennas.....		10x3	...	...	30	100	155	200	...	...	...	...
INFORMATION TECHNOLOGY													
422	Personal computers.....			6'000	16'000	17'000	20'000	25'000	35'000	50'000	65'000	80'000	85'000
4211	Internet hosts.....		10	—	—	—	—	—	670	664	678	714	4'678
4212	Estimated Internet users.....			...	...	...	...	...	10'000	20'000	50'000	90'000	120'000

Source: Oman Telecommunications Company.

(1) Source: UN; 1993: Latest census. (2) 1994: Ministry. 2000: UNCHS. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) 2002: Estimate. (7) 1978: Estimate. (8) 1991: Yearly estimate from monthly data. (9) Source: Unesco. (10) Source: Internet Software Consortium.

PALESTINE

National currency: Jordan Dinar

Area: 6'020 km2

			Year Ending 31.12										
Indicators	Unit		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	1'767	1'934	2'116	2'316	2'535	2'783	2'897	3'020	3'150	3'299
62	Households.....		10x3	...	...	...	...	331	360	380	400	425	445
652	Average annual exchange rate per US\$.....			0.69	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.71	0.71
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	2		73'000	75'000	78'400	80'000	83'381	110'893	167'271	222'198	272'212	292'022
91	Main telephone lines per 100 inhabitants.....			4.13	3.88	3.70	3.45	3.29	3.98	5.77	7.36	8.64	8.85
1111	% households with a telephone.....			...	...	...	22.7	...	...	...	...	...	...
1111c	Residential main lines per 100 households...			...	...	...	...	...	...	...	...	53.0	...
1142	% digital main lines.....		%	...	...	75.0	...	88.0	100.0	100.0	100.0	100.0	100.0
116	% residential main lines.....		%	...	...	...	...	...	...	...	...	82.8	...
1112	Public payphones.....			...	...	...	...	1'630	2'250	2'655	2'031	...	...
123	Waiting list for main lines.....			...	...	61'262	...	206'000	182'866	156'248	38'750	14'488	2'351
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....	3		—	—	—	20'000	25'000	40'000	100'000	117'000	175'941	300'000
911	Cellular subscribers per 100 inhabitants.....			—	—	—	0.86	0.99	1.44	3.45	3.87	5.59	9.09
OTHER SERVICES													
255	Estimated facsimile machines.....			...	...	...	...	15'000	18'000	...	...	...	...
28	ISDN subscribers.....			...	...	...	...	...	...	...	176	424	...
28c	ISDN B channel equivalents.....	4		...	...	...	...	...	...	...	352	848	...
TRAFFIC													
131c	- Total national telephone (calls).....		10x6	...	...	...	...	...	150	208	...	...	...
1311c	- Local telephone (calls).....		10x6	...	...	...	...	...	119	166	...	...	...
1312c	- National trunk telephone (calls).....		10x6	...	...	...	...	...	31	42	...	...	...
132c	- Int'l outgoing telephone (calls).....		10x6	...	...	...	...	...	6	7	...	...	...
131m	- Total national telephone (minutes).....		10x6	...	...	...	...	...	324	474	...	...	...
1311m	- Local telephone (minutes).....		10x6	...	...	...	...	...	240	354	...	728	...
1312m	- National trunk telephone (minutes).....		10x6	...	...	...	...	...	83	120	...	171	...
132m	- Int'l outgoing telephone (minutes).....		10x6	...	...	...	...	18	22	28	35	46	45
132mi	- Int'l incoming telephone (minutes).....		10x6	...	...	...	...	26	24	17	...	37	48
132mb	- Int'l bothway telephone (minutes).....		10x6	...	...	...	...	44	46	44	...	83	93
STAFF													
51	Full-time telecommunication staff.....			...	...	406	560	580	846	1'382	1'972	1'701	1'661
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	...	...	...	...	...	78.8	72.3	...	...	...
TARIFFS													
151	Residential teleph. connection charge.....			...	...	...	...	497.00	99.60	99.60	87.37	84.50	84.50
151b	Business teleph. connection charge.....			...	...	...	...	497.00	99.60	150.00	131.58	127.28	127.28
152	Residential teleph. monthly subscription.....			...	...	...	...	20.30	6.00	6.00	5.26	4.24	4.24
152b	Business teleph. monthly subscription.....			...	...	...	...	20.30	6.00	6.00	5.26	4.24	4.24
153	3-minute local call (peak rate).....			...	...	...	...	...	0.04	0.03	0.04	0.04	0.04
153o	3-minute local call (off-peak rate).....			...	...	...	...	3.19	0.01	0.01	0.02	0.02	0.02
151c	Cellular connection charge.....	5		—	—	—	—	...	...	...	21	...	...
152c	Cellular monthly subscription.....	6		—	—	—	—	...	...	...	11	...	...
153c	Cellular - 3-min. local call (peak rate).....			—	—	—	—	...	...	...	0.36	...	...
153co	Cellular - 3-min. local call (off-peak rate).....			—	—	—	—	...	...	...	0.27	...	...
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	...	...	...	7.00	19.85	27.36	36.19	47.00	69.25	73.28
71	- Telephone service revenue.....		10x6	...	...	...	...	...	...	...	...	58.15	58.82
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	...	...	...	...	...	10.94	34.32	39.50	31.99	23.82
BROADCASTING													
965	Television receivers.....	7	10x3	...	...	...	...	...	...	...	...	427	478
965s	Home satellite antennas.....	8	10x3	...	...	...	...	...	...	...	...	214	260
INFORMATION TECHNOLOGY													
4212	Estimated Internet users.....		10x3	...	...	...	...	...	...	...	...	35	60

Source: Palestine Telecommunications Company (PALTEL).

(1) 1997-2001: PCBS. (2) 1993: Estimate. (3) Users use Israel cellular network. 1998-1999: ESIS. 2000: Palestinian Bureau of Statistics. (4) 2000: Estimate. (5) 1999: Not including 17% tax. (6) 1999: Not including 17% tax. (7) Source: ESIS. Based on PCBS survey. (8) Source: ESIS. Based on PCBS survey. Home equipped.

Area: 11'437 km2

National currency: Riyal

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	510	524	537	551	558	569	579	589	598	610
62	Households.....	2	10x3	73	75	77	79	80	82	83	85	86	87
63	Gross domestic product (GDP).....	3	10x6	27'832	26'050	26'843	29'662	32'976	41'124	37'330	44'397	59'893	58'794
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	5'159	4'849	6'575	8'895	11'532	12'594	...	...	...	...
652	Average annual exchange rate per US\$.....	5		3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
66_95	Consumer price index (1995=100).....	6		97	96	97	100	107	110	113	116	118	119
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			105'527	110'300	115'766	122'701	133'513	141'902	150'508	154'904	160'191	167'446
91	Main telephone lines per 100 inhabitants.....			20.68	21.07	21.55	22.27	23.93	24.94	25.99	26.29	26.77	27.45
1111c	Residential main lines per 100 households...			111.3	113.2	115.8	116.5	123.5	128.1	128.7	130.2	132.3	139.9
1142	% digital main lines.....	%		94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
116	% residential main lines.....	%		77.0	77.0	77.0	75.0	74.0	71.0	71.0	71.0	71.0	73.0
1112	Public payphones.....			129	237	446	586	661	693	739	767	815	910
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			4'233	4'289	11'533	18'469	28'772	43'476	65'756	84'365	120'856	178'789
2712	- Digital cellular subscribers.....			—	—	7'243	14'226	24'513	39'390	62'120	81'314	119'460	177'929
911	Cellular subscribers per 100 inhabitants.....			0.83	0.82	2.15	3.35	5.16	7.64	11.36	14.32	20.19	29.31
275	Radio paging subscribers.....			25'144	35'631	43'216	45'704	57'577	66'877	71'675	71'913	67'128	55'101
OTHER SERVICES													
28	ISDN subscribers.....			—	—	84	96	92	79	169	420	651	968
28c	ISDN B channel equivalents.....			—	—	168	192	184	158	338	5'572	7'686	11'820
TRAFFIC													
131c	- Total national telephone (calls).....		10x6	396	564	599	635	713	784	788	820	831	820
1311c	- Local telephone (calls).....		10x6	...	...	...	...	...	523	525	547	554	546
1312c	- National trunk telephone (calls).....		10x6	...	...	...	...	...	261	263	273	277	273
132c	- Int'l outgoing telephone (calls).....		10x6	...	14	16	19	22	28	33	38	44	58
132ci	- Int'l incoming telephone (calls).....		10x6	...	11	13	14	16	18	23	25	29	36
131m	- Total national telephone (minutes).....		10x6	...	...	...	...	...	1'866	2'080	2'214	2'324	2'459
1311m	- Local telephone (minutes).....		10x6	...	...	...	...	...	1'188	1'387	1'505	1'549	1'639
1312m	- National trunk telephone (minutes).....		10x6	...	...	...	...	...	679	693	708	774	820
132m	- Int'l outgoing telephone (minutes).....		10x6	52	58	63	76	84	101	119	128	143	173
132mi	- Int'l incoming telephone (minutes).....		10x6	...	40	45	50	66	59	74	82	95	113
STAFF													
51	Full-time telecommunication staff.....			1'463	1'480	1'537	1'560	1'619	1'659	1'714	1'707	1'659	1'728
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....	%		21.3	41.2	25.8	16.4	...	15.5	14.0	12.5	13.0	12.9
TARIFFS													
151	Residential teleph. connection charge.....			300	300	200	200	200	200	200	200	200	200
151b	Business teleph. connection charge.....			300	300	200	200	200	200	200	200	200	200
152	Residential teleph. monthly subscription.....			33	33	33	33	33	33	33	33	33	33
152b	Business teleph. monthly subscription.....			117	117	117	117	117	117	117	117	117	117
151c	Cellular connection charge.....			...	...	600	600	600	600	500	500	500	500
152c	Cellular monthly subscription.....			...	...	60	60	60	60	50	50	50	50
153c	Cellular - 3-min. local call (peak rate).....			...	...	1.80	1.80	1.80	1.80	1.35	1.35	1.35	1.35
153co	Cellular - 3-min. local call (off-peak rate).....			...	...	...	...	...	...	0.90	0.90	0.90	0.90
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	597	632	571	603	706	992	1'096	1'185	1'256	1'456
71	- Telephone service revenue.....		10x6	369	397	435	439	502	740	834	849	855	912
741	- Mobile communication revenue.....		10x6	...	31	48	70	102	160	193	237	289	419
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	92	153	136	79	...	161	228	166	136	191
BROADCASTING													
965	Television receivers.....	7	10x3	208	220	230	252	300	460	490	510	520	530
965h	Television equipped households.....		10x3	...	63	65	66	67	69	70	71	73	75
965c	Cable TV subscribers.....	8	10x3	...	4	15	16	23	28	32	37	37	34
INFORMATION TECHNOLOGY													
422	Personal computers.....			...	...	25'000	30'000	35'000	60'000	70'000	80'000	90'000	100'000
4211	Internet hosts.....	9		—	—	—	—	21	189	13	1'069	2'255	127
4212	Estimated Internet users.....			...	...	...	1'000	5'000	17'000	20'000	24'000	30'000	40'000

Source: Qatar Public Telecommunication Corporation (Q-TEL).

(1) Source: UN; ITU estimate. (2) 1986: UN. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) Source: QTEL. (8) Source: QTEL. (9) Source: Internet Software Consortium. Since 1999: RIPE.

Indicators		Unit	Year Ending 31.12											
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY														
61	Population.....	1	10x3	16'929	17'350	17'760	18'250	18'836	19'494	20'181	20'899	21'607	22'322	
62	Households.....	2	10x3	2'602	2'703	2'700	2'640	2'780	2'880	2'980	3'080	3'196	3'320	
63	Gross domestic product (GDP).....	3	10x6	461'400	443'842	450'025	478'652	590'749	617'902	546'648	603'589	706'757	698'403	
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	93'980	98'450	84'207	93'555	102'848	109'241	112'959	118'196	123'324	126'609	
652	Average annual exchange rate per US\$.....	5		3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	
66_95	Consumer price index (1995=100).....	6		94	95	95	100	101	101	101	99	99	98	
677i	Telecom equipment imports (US\$).....		10x6	213	243	211	...	364	...	416	551	383	...	
TELEPHONE NETWORK														
112	Main telephone lines in operation.....		10x3	1'568	1'615	1'676	1'719	1'796	1'877	2'167	2'706	2'965	3'233	
91	Main telephone lines per 100 inhabitants.....			9.26	9.31	9.43	9.42	9.54	9.63	10.74	12.95	13.72	14.48	
1111	% households with a telephone.....			...	...	...	...	...	...	...	...	61.0	68.0
1111c	Residential main lines per 100 households...			44.0	43.6	44.7	46.9	46.5	51.5	52.4	55.4	58.4	62.3	
1142	% digital main lines.....		%	46.0	51.0	53.0	53.6	54.5	55.5	63.6	93.0	100.0	100.0	
116	% residential main lines.....		%	73.0	73.0	72.0	72.0	72.0	79.0	72.0	63.0	63.0	64.0	
1112	Public payphones.....		10x3	7.2	7.3	7.5	15.6	16.8	34.4	42.5	43.9	49.3	57.5	
123	Waiting list for main lines.....		8	10x3	1'048	1'044	1'190	1'262	1'188	1'409	927	511	206	86
MOBILE SERVICES														
271	Cellular mobile telephone subscribers.....		10x3	16	16	16	16	191	332	627	837	1'376	2'529	
2712	- Digital cellular subscribers.....		10x3	—	—	—	—	175	316	612	837	1'376	2'529	
911	Cellular subscribers per 100 inhabitants.....			0.09	0.09	0.09	0.09	1.01	1.70	3.11	4.00	6.37	11.33	
275	Radio paging subscribers.....		10x3	67	186	187	191	502	...	771	781	600	514	
OTHER SERVICES														
311	Telex subscribers.....			9'395	8'513	7'776	6'812	5'868	5'278	4'745	...	...	...
TRAFFIC														
1312c	- National trunk telephone (calls).....		10x6	499	599	807	838	1'043	1'338	1'365	1'663	1'758	...	
1311m	- Local telephone (minutes).....		9	10x6	...	...	...	...	...	20'139	22'362	25'112	28'367
131wm	- Mobile national (minutes).....		10x6	...	...	...	...	...	...	...	1'327	2'386	5'630
132m	- Int'l outgoing telephone (minutes).....		10x6	424	455	477	537	584	660	933	1'005	1'117	1'517	
132mi	- Int'l incoming telephone (minutes).....		10	10x6	...	295	340	360	400	445	531	670	683	705
132mb	- Int'l bothway telephone (minutes).....		10x6	...	750	817	897	984	1'105	1'464	1'675	1'800	2'222	
STAFF														
51	Full-time telecommunication staff.....			20'605	20'435	20'760	20'503	19'231	19'964	22'063	20'977	22'973	23'483	
QUALITY OF SERVICE														
143	Faults per 100 main lines per year.....		%	...	...	...	...	2.0	2.2	2.8	2.4	2.0	2.0
TARIFFS														
151	Residential teleph. connection charge.....			300	300	300	500	500	500	500	500	500	500	
151b	Business teleph. connection charge.....			300	300	300	500	500	500	500	500	500	500	
152	Residential teleph. monthly subscription.....		11	12.50	12.50	12.50	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
152b	Business teleph. monthly subscription.....		12	12.50	12.50	12.50	30.00	30.00	30.00	30.00	30.00	30.00	30.00	
153	3-minute local call (peak rate).....			0.05	0.05	0.05	0.07	0.08	0.07	0.06	0.06	0.13	0.13	
151c	Cellular connection charge.....			50'300	50'300	50'300	50'300	3'500	3'500	3'500	3'500	1'500	800	
152c	Cellular monthly subscription.....			430	430	430	430	60	60	60	60	60	60	
153c	Cellular - 3-min. local call (peak rate).....			0.15	0.15	0.15	0.15	4.80	4.80	4.50	4.50	3.60	2.85	
153co	Cellular - 3-min. local call (off-peak rate).....			0.15	0.15	0.15	0.15	3.60	3.60	2.25	2.25	2.25	1.50	
REVENUE AND EXPENSE														
75	Total telecom services revenue.....		10x6	6'865	6'348	6'628	6'793	7'892	9'650	12'701	14'437	16'930	19'781	
71	- Telephone service revenue.....		10x6	6'366	6'144	6'450	6'634	7'750	...	...	9'617	11'020	10'905
741	- Mobile communication revenue.....		13	10x6	52	72	107	115	168	4'182	5'075	7'990
CAPITAL EXPENDITURE														
81	Annual telecom. investment.....		10x6	533	448	551	374	...	...	...	8'316	5'742	5'230
BROADCASTING														
965	Television receivers.....		14	10x3	4'260	4'370	4'455	4'700	4'900	5'100	5'300	5'500	5'907	
965h	Television equipped households.....		10x3	...	...	2'001	2'186	2'388	2'609	2'832	3'054	3'187	3'205
965s	Home satellite antennas.....		10x3	...	...	310	502	812	1'315	1'615	1'914	1'986	2'061
INFORMATION TECHNOLOGY														
422	Personal computers.....		15		420'000	430'000	540'000	650'000	750'000	850'000	1'000'000	1'200'000	1'300'000	1'787'500
4211	Internet hosts.....		16		—	—	2	27	275	37	319	4'160	3'745	11'422
4212	Estimated Internet users.....				...	...	2'000	5'000	10'000	20'000	100'000	460'000	1'016'208

Source: Saudi Telecommunications Company.

(1) Source: UN; 1992: Latest census. (2) ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 1996: Estimate. (8) Estimated unsatisfied demand. (9) From 1998: Including Internet dial-up minutes. (10) Until 1996: Estimated. (11) Including 100 free air-time. (12) Including 100 free air-time. (13) Until 1996: Not including GSM revenue. (14) Source: Unesco. (15) Source: Computer Industry Almanac, ITU estimates. (16) Source: Internet Software Consortium. 1996=July. Since 1999: RIPE.

Area: 630'000 km2

National currency: Shilling

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	8'902	8'954	9'077	9'077	9'822	9'772	9'722	9'672	9'940	10'050
62	Households.....	2	10x3	1'120	1'138	1'156	1'174	1'193	1'212	1'231	1'251	1'271	1'288
652	Average annual exchange rate per US\$.....	3		...	...	...	...	...	7'850	7'930	9'810	10'280	22'557
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	4		15'000	15'000	15'000	15'000	15'000	15'000	20'000	35'000	35'000	35'000
91	Main telephone lines per 100 inhabitants.....			0.17	0.17	0.17	0.17	0.15	0.15	0.21	0.36	0.35	0.35
BROADCASTING													
965	Television receivers.....	5	10x3	113	118	121	124	129	135	138	140	142	145
INFORMATION TECHNOLOGY													
4211	Internet hosts.....	6		—	—	—	—	—	—	—	2	1	4
4212	Estimated Internet users.....			...	...	...	—	—	—	100	200	500	1'000

Source: Ministry of Posts and Telecommunications.

(1) Source: UN; ITU estimate. (2) 1985, 2000: UNCHS. Other years: ITU estimate. (3) From 1997, UN operational rate of exchange, end of period. (4) Estimate. (5) Source: Unesco, ITU estimate. (6) Source: Internet Software Consortium. Since 2001: RIPE.

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	25'934	24'941	25'649	26'378	27'127	27'898	28'292	28'883	31'095	31'809
62	Households.....	2	10x3	4'183	4'297	4'413	4'500	4'539	4'650	4'810	5'054	5'124	5'242
63	Gross domestic product (GDP).....	3	10x9	408	835	1'680	4'832	10'217	16'012	...	27'104	28'785	32'517
652	Average annual exchange rate per US\$.....	4		97.43	159.31	289.61	580.87	1'250.79	1'575.74	2'008.02	2'557.00	2'570.12	2'580.70
66_95	Consumer price index (1995=100).....	5		14	28	59	100	233	341	400	464	...	525
TELEPHONE NETWORK													
112	Main telephone lines in operation.....	6		64'000	64'000	64'000	75'000	99'000	112'544	162'225	251'420	386'775	453'000
91	Main telephone lines per 100 inhabitants.....			0.25	0.26	0.25	0.28	0.36	0.40	0.57	0.87	1.24	1.42
1111c	Residential main lines per 100 households...			0.6	0.6	0.6	0.7	0.9	1.2	1.6	2.7	5.7	7.8
1142	% digital main lines.....		%	...	0.1	5.4	25.0	50.0	89.0	90.0	95.0	100.0	100.0
116	% residential main lines.....		%	40.0	40.0	40.0	40.0	40.0	48.0	48.0	55.0	75.0	90.0
1112	Public payphones.....			560	560	750	995	1'530	2'100	2'850	3'400	5'250	7'350
123	Waiting list for main lines.....		10x3	40	55	75	300	309	320	340	355	405	444
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....	7		—	—	—	—	2'200	3'800	8'600	13'000	23'000	103'846
2712	- Digital cellular subscribers.....			—	—	—	—	2'200	3'800	8'600	13'000	23'000	103'846
911	Cellular subscribers per 100 inhabitants.....			—	—	—	—	0.01	0.01	0.03	0.05	0.07	0.33
OTHER SERVICES													
28	ISDN subscribers.....			—	—	—	—	—	—	—	—	215	250
28c	ISDN B channel equivalents.....		8	—	—	—	—	—	—	—	—	430	500
TRAFFIC													
131c	- Total national telephone (calls).....		10x3	...	...	...	...	...	76'200	198'600	379'400	357'900	477'000
1311c	- Local telephone (calls).....		10x3	...	...	...	...	...	63'200	170'000	343'400	290'400	380'000
1312c	- National trunk telephone (calls).....		10x3	...	...	...	...	...	13'000	28'600	36'000	67'500	97'000
132c	- Int'l outgoing telephone (calls).....		10x3	2'450	2'351	3'706	2'558	4'296	7'691	9'217	12'474	10'612	12'036
132ci	- Int'l incoming telephone (calls).....		10x3	2'760	5'150	6'389	6'708	10'117	8'550	17'679	35'099	51'916	65'267
132cb	- Int'l bothway telephone (calls).....		10x3	5'209	7'501	10'095	10'499	14'413	16'241	26'891	47'573	62'528	77'303
132m	- Int'l outgoing telephone (minutes).....	9	10x3	9'850	9'805	11'647	7'456	12'655	14'977	18'434	24'948	31'836	36'109
132mi	- Int'l incoming telephone (minutes).....		10x3	7'470	15'449	19'166	24'103	30'416	43'198	70'000	105'286	155'747	195'800
132mb	- Int'l bothway telephone (minutes).....		10x3	17'320	25'254	30'813	31'559	43'071	58'175	88'434	130'284	187'583	231'909
STAFF													
51	Full-time telecommunication staff.....			8'650	8'678	2'100	2'500	2'635	2'468	2'488	2'657	2'804	3'021
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	40.0	40.0	20.0	18.0	15.8	12.0	12.0	5.0	...	...
TARIFFS													
151	Residential teleph. connection charge.....			9'000	9'000	60'000	60'000	80'000	100'000	100'000	70'000	70'000	70'000
151b	Business teleph. connection charge.....			9'000	9'000	60'000	60'000	80'000	100'000	100'000	125'000	100'000	100'000
152	Residential teleph. monthly subscription.....			...	...	6'000	10'000	1'000	4'000	4'000	5'000	5'000	5'000
152b	Business teleph. monthly subscription.....			...	...	6'080	10'000	1'060	4'000	4'000	5'000	5'000	5'000
153	3-minute local call (peak rate).....			3.0	3.0	15.0	30.0	36.0	45.0	45.0	60.0	60.0	90.0
151c	Cellular connection charge.....			—	—	—	—	1'500'000	1'500'000	1'500'000	1'500'000	1'250'000	500'000
152c	Cellular monthly subscription.....			—	—	—	—	35'000	35'000	35'000	35'000	30'000	30'000
153c	Cellular - 3-min. local call (peak rate).....			—	—	—	—	360	360	360	360	360	360
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	...	325	5'133	...	48'147	99'805	199'423	259'385	335'664	425'407
71	- Telephone service revenue.....		10x6	...	...	3'332	...	31'018	68'452	188'666	241'039	302'312	377'444
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	...	...	2'269	...	27'958	96'567	111'960	172'213	238'971	279'074
BROADCASTING													
965	Television receivers.....	10	10x3	2'060	2'120	2'180	2'240	2'300	2'380	2'450	5'000	8'500	12'265
965h	Television equipped households.....		10x3	...	...	...	...	...	3'200	3'200	4'060	4'200	4'377
965s	Home satellite antennas.....			...	...	...	...	...	5'000	15'000	22'000	56'400	84'000
INFORMATION TECHNOLOGY													
422	Personal computers.....		11	...	...	5'000	10'000	20'000	32'000	55'000	85'000	100'000	115'000
4211	Internet hosts.....		12	—	—	—	—	—	146	266	600	—	—
4212	Estimated Internet users.....			...	...	—	—	—	700	2'000	5'000	30'000	56'000

Source: Sudan Telecommunications Company Ltd. (Sudatel).

(1) Source: UN; ITU estimate; 1991: Latest census. (2) 1983, 2000: UN. 1990-95: Estimate. (3) Source: IMF. From 1999: Break in comparability. World Bank. (4) Source: IMF. (5) Source: IMF. (6) 1988-90, 1992-93: Estimate. (7) 2002: August. (8) 2000: Estimate. (9) 1983-84: Estimate. (10) Source: Unesco, ITU estimate. From 2001: Sudan Telecom. (11) Source: Sudatel. (12) Source: Internet Software Consortium.

Area: 185'680 km2

National currency: Pound

Indicators	Unit	Year Ending 31.12											
		1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	12'960	13'390	13'840	14'150	14'620	15'100	15'600	16'112	16'189	16'609
62	Households.....	2	10x3	2'410	2'490	2'830	2'830	2'923	3'000	3'120	3'220	3'312	3'438
63	Gross domestic product (GDP).....	3	10x6	371'630	413'755	506'101	570'975	690'857	745'569	790'444	819'092	896'634	...
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	86'120	107'466	151'622	155'504	163'076	155'464	162'446	153'706	155'757	...
652	Average annual exchange rate per US\$.....	5		26.60	26.60	26.60	26.60	45.00	45.00	45.00	46.50	46.73	46.74
66_95	Consumer price index (1995=100).....	6		71	80	93	100	108	110	109	107	107	107
TELEPHONE NETWORK													
112	Main telephone lines in operation.....		10x3	513.4	567.0	686.4	958.5	1'199.0	1'312.6	1'477.0	1'600.4	1'675.2	1'817.0
91	Main telephone lines per 100 inhabitants.....			3.96	4.23	4.96	6.77	8.20	8.69	9.47	9.93	10.35	10.94
1111	% households with a telephone.....			...	...	...	...	...	...	50.0	50.0	50.0	...
1111c	Residential main lines per 100 households...			17.0	18.2	19.4	25.4	30.8	32.8	38.8	42.2	43.0	43.3
1142	% digital main lines.....		%	32.0	35.0	74.0	71.0	77.0	82.0	87.0	87.0	99.0	99.0
116	% residential main lines.....		%	80.0	80.0	80.0	75.0	75.0	75.0	82.0	85.0	85.0	87.0
1112	Public payphones.....	7	10x3	1.0	1.3	2.4	3.2	2.7	2.5	3.2	3.7	4.7	5.0
123	Waiting list for main lines.....		10x3	1'720	1'918	2'869	2'292	2'945	2'947	2'904	2'819	3'026	2'806
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....	8		—	—	—	—	—	—	—	4'000	30'000	200'000
2712	- Digital cellular subscribers.....			—	—	—	—	—	—	—	3'000	30'000	200'000
911	Cellular subscribers per 100 inhabitants.....			—	—	—	—	—	—	—	0.02	0.19	1.20
275	Radio paging subscribers.....			—	—	—	—	—	—	—	1'113	2'763	2'763
OTHER SERVICES													
28	ISDN subscribers.....			—	—	—	—	50	62	65	199	235	977
28c	ISDN B channel equivalents.....			—	—	—	—	100	124	130	398	470	1'954
TRAFFIC													
131c	- Total national telephone (calls).....		10x6	914	1'040	1'138	1'539	2'603	3'263	4'145	5'020	5'606	5'898
1311c	- Local telephone (calls).....		10x6	895	1'011	1'105	1'829	2'456	3'100	3'953	4'800	5'341	5'556
1312c	- National trunk telephone (calls).....		10x6	19	29	33	108	147	163	192	220	265	342
1312m	- National trunk telephone (minutes).....		10x6	111	141	262	486	588	660	760	850	951	1'101
132m	- Int'l outgoing telephone (minutes).....		10x6	22	37	54	68	84	90	103	122	169	163
132mi	- Int'l incoming telephone (minutes).....	9	10x6	33	65	80	110	144	173	130	207	220	330
132mb	- Int'l bothway telephone (minutes).....		10x6	55	102	134	178	228	263	233	329	389	493
STAFF													
51	Full-time telecommunication staff.....			14'072	15'670	16'665	17'202	17'747	18'703	19'664	20'419	21'193	21'688
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	65.0	64.0	60.0	70.0	60.0	60.0	50.0	50.0	50.0	50.0
TARIFFS													
151	Residential teleph. connection charge.....			4'000	4'000	4'000	4'000	4'000	4'000	5'000	5'000	5'000	5'000
151b	Business teleph. connection charge.....			8'000	8'000	8'000	8'000	8'000	8'000	10'000	10'000	10'000	10'000
152	Residential teleph. monthly subscription.....			33.33	33.33	33.33	33.33	33.33	33.33	33.00	33.00	33.00	33.00
152b	Business teleph. monthly subscription.....			68.00	66.00	66.00	66.00	66.66	66.66	66.00	66.00	66.00	66.00
153	3-minute local call (peak rate).....			0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
153o	3-minute local call (off-peak rate).....			0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
151c	Cellular connection charge.....			—	—	—	—	—	—	—	—	20'000	20'000
152c	Cellular monthly subscription.....			—	—	—	—	—	—	—	—	600	600
153c	Cellular - 3-min. local call (peak rate).....			—	—	—	—	—	—	—	—	12.00	12.00
153co	Cellular - 3-min. local call (off-peak rate).....			—	—	—	—	—	—	—	—	12.00	12.00
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	3'168	4'220	6'493	9'545	13'523	16'711	15'262	16'316	17'842	20'217
71	- Telephone service revenue.....		10x6	2'706	3'761	6'112	9'108	13'130	16'245	14'798	15'836	15'813	16'909
741	- Mobile communication revenue.....		10x6	—	—	—	—	—	—	—	—	1'574	2'496
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10x6	663	503	3'812	3'200	3'564	4'099	4'545	6'465	10'377	8'190
BROADCASTING													
965	Television receivers.....	10	10x3	850	915	1'000	1'020	1'040	1'893	2'163	2'433	2'640	2'860
965h	Television equipped households.....	11	10x3	...	...	...	...	...	1'721	1'967	2'212	2'400	2'600
965s	Home satellite antennas.....	12	10x3	...	...	3	300	...	...	...	435	600	900
INFORMATION TECHNOLOGY													
422	Personal computers.....	13		...	...	80'000	100'000	130'000	170'000	200'000	230'000	250'000	270'000
4211	Internet hosts.....	14		—	—	—	—	—	—	1	6	9	9
4212	Estimated Internet users.....			—	—	—	—	—	5'000	10'000	20'000	30'000	60'000

Source: Syrian Telecommunications Establishment (STE).

(1) Source: UN; 1994: Latest census. (2) ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: STE. (6) Source: IMF. (7) Including public call offices from 1990. (8) 2000: STE estimate. (9) 1993-1995, 2000: Estimates. (10) 1995: Estimate. 1996: UNESCO. (11) Eutelsat, ITU estimates. (12) Eutelsat, ITU estimates. (13) 1995: Estimate. (14) Source: Internet Software Consortium. Since 1999: RIPE.

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	8'456	8'656	8'786	8'962	9'142	9'238	9'335	9'460	9'586	9'700
62	Households.....	2	10x3	1'629	1'656	1'704	1'757	1'805	1'862	1'906	1'950	2'001	2'055
63	Gross domestic product (GDP).....	3	10x6	13'706	14'663	15'814	17'052	19'066	20'898	22'581	24'672	26'685	28'757
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	3'729	4'122	4'279	4'121	4'422	5'153	5'610	6'278	7'020	7'527
652	Average annual exchange rate per US\$.....	5		0.88	1.00	1.01	0.95	0.97	1.11	1.14	1.19	1.37	1.44
66_95	Consumer price index (1995=100).....	6		86	90	94	100	104	108	111	114	117	119
677i	Telecom equipment imports (US\$).....		10x6	79	67	61	65	86	43	74	57	90	...
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			374'848	421'362	474'253	521'742	584'938	654'242	752'180	850'381	955'131	1'056'209
91	Main telephone lines per 100 inhabitants.....			4.43	4.87	5.40	5.82	6.40	7.08	8.06	8.99	9.96	10.89
1111c	Residential main lines per 100 households...			16.1	17.0	19.5	20.5	23.7	25.6	28.8	31.8	34.8	37.5
1142	% digital main lines.....		%	71.5	74.6	77.8	80.8	86.0	90.2	99.7	100.0	100.0	100.0
116	% residential main lines.....		%	70.0	67.0	70.0	69.0	73.0	73.0	73.0	73.0	73.0	73.0
1112	Public payphones.....			3'710	4'587	5'669	6'840	8'875	10'739	13'692	19'711	26'122	31'613
123	Waiting list for main lines.....			143'365	125'634	125'976	129'274	91'037	77'503	80'731	83'723	95'878	108'740
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			1'974	2'269	2'709	3'185	5'439	7'656	38'973	55'258	119'075	389'208
2712	- Digital cellular subscribers.....			—	—	—	—	—	—	30'623	43'320	104'075	375'910
911	Cellular subscribers per 100 inhabitants.....			0.02	0.03	0.03	0.04	0.06	0.08	0.42	0.58	1.24	4.01
275	Radio paging subscribers.....			—	—	—	—	10	910	...	...	...	...
OTHER SERVICES													
28	ISDN subscribers.....			—	—	—	—	—	32	75	223	368	640
28c	ISDN B channel equivalents.....		7	—	—	—	—	—	64	178	642	960	1'830
311	Telex subscribers.....			3'103	2'911	2'738	2'448	2'253	2'122	1'942	1'814	...	...
TRAFFIC													
1312c	- National trunk telephone (calls).....		10x6	...	...	...	...	...	...	...	...	...	557
132m	- Int'l outgoing telephone (minutes).....		10x6	69	69	80	88	94	98	115	140	146	174
132mi	- Int'l incoming telephone (minutes).....		8	10x6	...	93	108	120	127	148	...	274	280
132mb	- Int'l bothway telephone (minutes).....		10x6	...	162	188	208	221	246	...	414	427	524
131p	- Total national telephone (pulses).....		9	10x6	1'257	1'688	1'875	2'100	2'200	2'300	...	...	...
STAFF													
51	Full-time telecommunication staff.....			7'500	6'314	6'432	5'800	5'975	6'221	6'421	6'567	7'011	7'400
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	113.2	99.2	92.0	78.6	64.0	60.0	48.0	43.0	34.0	29.0
TARIFFS													
151	Residential teleph. connection charge.....			120	120	120	120	80	80	80	80	80	80
151b	Business teleph. connection charge.....			120	120	120	120	80	80	80	80	80	80
152	Residential teleph. monthly subscription.....			2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
152b	Business teleph. monthly subscription.....			2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
153	3-minute local call (peak rate).....			0.07	0.07	0.07	0.07	0.07	0.04	0.03	0.03	0.03	0.03
153o	3-minute local call (off-peak rate).....			...	...	...	...	...	0.03	0.03	0.03	0.03	0.03
151c	Cellular connection charge.....			...	120	120	120	120	120	120	120	120	150
152c	Cellular monthly subscription.....			...	30	30	30	30	30	20	20	20	20
153c	Cellular - 3-min. local call (peak rate).....			...	1.26	1.26	1.26	1.26	1.26	0.75	0.75	0.75	0.75
153co	Cellular - 3-min. local call (off-peak rate).....			...	...	...	...	...	0.95	0.53	0.53	0.53	0.53
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	176	194	221	249	288	362	400	450	549	685
71	- Telephone service revenue.....		10x6	167	187	210	239	231	258	256	284	297	371
741	- Mobile communication revenue.....		10x6	2	3	3	3	5	8	19	62	83	174
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		10	10x6	111	129	123	128	193	154	178	124	306
BROADCASTING													
965	Television receivers.....		11	10x3	1'300	1'400	1'500	1'550	1'600	1'700	1'750	1'800	2'000
965h	Television equipped households.....		10x3	1'195	1'269	1'346	1'403	1'462	1'524	1'588	1'647	1'737	1'816
965s	Home satellite antennas.....		12	10x3	11	18	28	32	52	88	100	354	560
INFORMATION TECHNOLOGY													
422	Personal computers.....		13		30'000	36'000	44'000	60'000	75'000	80'000	138'000	145'000	219'100
4211	Internet hosts.....		14		—	—	54	79	41	51	15	33	26
4212	Estimated Internet users.....				...	...	650	1'000	2'500	4'000	10'000	150'000	250'000

Source: Tunisie Telecom.

(1) Source: UN; ITU estimate; 1994: Latest census. (2) 1984: UN. 1994-95: Ministry of Communications. Other years: ITU estimate. 1996-2001: INS Tunisia (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 2000: Estimate. (8) 1993-97: Estimates. (9) Automatic traffic. (10) Including posts. (11) Source: Through 1983, Unesco. From 1984, break in comparability, source: ITU estimates. (12) Source: ERTT. (13) Source: ITU estimates based on 8th Plan projections. (14) Source: RIPE.

Area: 84'000 km2

National currency: Dirham

Indicators		Unit	Year Ending 31.12										
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
DEMOGRAPHY, ECONOMY													
61	Population.....	1	10x3	2'040	2'100	2'230	2'337	2'260	2'380	2'353	2'398	2'938	3'100
62	Households.....	2	10x3	335	345	395	415	429	475	475	480	508	517
63	Gross domestic product (GDP).....	3	10x9	130.0	130.4	134.6	147.0	163.8	181.2	170.7	...	...	...
64	Gross Fixed Capital Formation (GFCF).....	4	10x9	29.8	36.4	37.5	39.8	40.9	48.8	49.2	...	...	...
652	Average annual exchange rate per US\$.....	5		3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67
TELEPHONE NETWORK													
112	Main telephone lines in operation.....			491'549	553'206	615'124	672'330	738'074	835'090	915'223	975'178	1'020'097	1'052'930
91	Main telephone lines per 100 inhabitants.....			24.10	26.34	27.58	28.77	32.66	35.09	38.90	40.67	34.72	33.97
1111c	Residential main lines per 100 households...			80.7	94.4	89.9	91.4	93.5	93.9	101.2	103.8	101.2	102.2
1142	% digital main lines.....		%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
116	% residential main lines.....		%	55.0	58.9	57.7	56.4	54.3	53.4	52.5	51.1	50.4	50.2
1112	Public payphones.....			6'051	6'833	7'493	12'078	16'771	21'860	26'050	28'942	28'789	28'623
123	Waiting list for main lines.....			1'197	965	730	1'319	1'038	577	674	596	334	335
MOBILE SERVICES													
271	Cellular mobile telephone subscribers.....			48'919	70'586	91'488	128'968	193'834	309'373	493'278	832'267	1'428'115	1'909'303
2712	- Digital cellular subscribers.....			—	—	20'264	61'465	129'793	267'388	478'119	832'267	1'428'115	1'909'303
911	Cellular subscribers per 100 inhabitants.....			2.40	3.36	4.10	5.52	8.58	13.00	20.96	34.71	48.61	61.59
275	Radio paging subscribers.....			111'368	143'339	182'798	217'214	247'267	261'923	253'259	219'257	172'901	129'438
OTHER SERVICES													
28	ISDN subscribers.....			172	219	439	703	916	2'531	9'309	14'072	19'029	21'983
28c	ISDN B channel equivalents.....			344	438	878	1'406	1'832	5'062	18'618	28'144	38'058	43'966
TRAFFIC													
131m	- Total national telephone (minutes).....		10x6	1'286	1'511	1'779	1'996	2'361	2'727	3'480	4'219	5'916	7'364
132m	- Int'l outgoing telephone (minutes).....		10x6	303	359	428	504	589	738	875	963	1'124	1'396
STAFF													
51	Full-time telecommunication staff.....			4'590	4'780	5'066	5'305	5'762	6'624	8'087	8'207	8'329	8'951
QUALITY OF SERVICE													
143	Faults per 100 main lines per year.....		%	0.18	1.15	...	0.37	0.21	0.28	0.27	0.26	0.20	0.22
TARIFFS													
151	Residential teleph. connection charge.....			200	200	200	200	200	200	200	200	200	200
151b	Business teleph. connection charge.....			200	200	200	200	200	200	200	200	200	200
152	Residential teleph. monthly subscription.....			16.67	16.67	16.67	16.67	15.00	15.00	15.00	15.00	15.00	15.00
152b	Business teleph. monthly subscription.....			16.67	16.67	16.67	16.67	15.00	15.00	15.00	15.00	15.00	15.00
151c	Cellular connection charge.....			...	200	200	200	200	200	200	200	200	100
152c	Cellular monthly subscription.....			...	30	30	30	30	30	30	30	30	30
153c	Cellular - 3-min. local call (peak rate).....			...	2.70	2.70	2.70	2.40	1.80	1.80	1.50	0.90	0.90
153co	Cellular - 3-min. local call (off-peak rate).....			...	1.35	1.35	1.35	1.20	0.90	0.90	0.90	0.63	0.63
REVENUE AND EXPENSE													
75	Total telecom services revenue.....		10x6	2'367	2'681	2'895	3'213	3'786	4'130	5'108	6'190	6'936	7'557
71	- Telephone service revenue.....		10x6	1'837	2'069	2'206	2'403	2'748	2'703	3'023	3'439	3'149	2'925
741	- Mobile communication revenue.....		6	10x6	290	339	417	550	668	901	1'427	1'972	2'866
CAPITAL EXPENDITURE													
81	Annual telecom. investment.....		7	10x6	533	304	529	593	875	1'280	2'073	2'302	1'842
BROADCASTING													
965	Television receivers.....		8	10x3	375	500	600	650	675	700	720	740	760
INFORMATION TECHNOLOGY													
422	Personal computers.....		9	10x3	60	78	96	115	160	200	250	300	400
4211	Internet hosts.....		10	10x3	—	—	—	—	2	2	18	24	43
4212	Estimated Internet users.....		11	10x3	...	...	...	3	10	90	200	458	976

Source: Emirates Telecommunications Corporation (ETISALAT).

(1) Source: UN; ITU estimate. (2) 1975: UN. Other years: ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: FMI. (6) PMAT and paging. (7) Net expenditure on fixed assets. (8) Through 1990, Source: UNESCO. From 1990, break in comparability, Source: UAE Radio and Television, ITU estimates. (9) Source: Booz, Allen & Hamilton (UAE), ITU estimates. (10) Source: Internet Software Consortium. Since 1999: RIPE. (11) 1995: Internet Dial-up customers.

Indicators		Unit	Year Ending 31.12											
			1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		
DEMOGRAPHY, ECONOMY														
61	Population.....	1	10x3	12'493	13'336	14'588	15'370	15'919	16'480	16'887	17'488	18'349	18'863	
62	Households.....	2	10x3	1'755	1'809	2'195	2'244	2'281	2'453	2'455	2'488	2'583	2'655	
63	Gross domestic product (GDP).....	3	10x6	183'925	227'691	292'279	488'509	702'112	852'897	797'681	1'046'470	...	...
64	Gross Fixed Capital Formation (GFCF).....	4	10x6	37'487	40'772	56'773	99'025	143'207	149'654	223'163	210'249	...	...
652	Average annual exchange rate per US\$.....	5		12.01	12.01	12.01	40.84	94.16	129.28	135.88	155.75	161.72	168.67	
66_95	Consumer price index (1995=100).....	6		33	44	64	100	130	137	148	...	...	...
TELEPHONE NETWORK														
112	Main telephone lines in operation.....			143'382	161'112	172'933	186'659	204'702	220'275	249'515	284'296	346'709	423'162	
91	Main telephone lines per 100 inhabitants.....			1.15	1.21	1.19	1.21	1.29	1.34	1.48	1.63	1.89	2.24	
1111c	Residential main lines per 100 households...			4.9	5.4	4.8	5.1	5.6	5.7	6.5	7.4	8.9	10.6	
1142	% digital main lines.....		%	86.5	90.9	92.0	92.8	95.7	100.0	100.0	100.0	100.0	100.0	
116	% residential main lines.....		%	60.0	60.5	61.0	61.5	62.0	63.0	64.0	65.0	66.0	66.5	
1112	Public payphones.....			36	110	...	...	...	...	...	...	...	...
123	Waiting list for main lines.....			97'000	80'556	83'228	75'306	78'553	110'556	118'969	131'112	159'490	621'602	
MOBILE SERVICES														
271	Cellular mobile telephone subscribers.....			1'550	5'170	8'191	8'250	8'810	12'245	16'146	27'677	32'000	152'000	
2712	- Digital cellular subscribers.....			—	—	—	—	—	—	—	—	—	120'000	
911	Cellular subscribers per 100 inhabitants.....			0.01	0.04	0.06	0.05	0.06	0.07	0.10	0.16	0.17	0.81	
275	Radio paging subscribers.....			109	529	829	3'473	...	20'000	35'000	42'000	62'400	62'909	
OTHER SERVICES														
28	ISDN subscribers.....			—	—	—	—	—	—	—	22	110	250	
28c	ISDN B channel equivalents.....			—	—	—	—	—	—	—	44	220	500	
311	Telex subscribers.....			1'016	994	955	916	1'090	478	533	470	...	...
TRAFFIC														
132m	- Int'l outgoing telephone (minutes).....		9	10x6	22	20	23	23	24	26	28	32	36	43
132mi	- Int'l incoming telephone (minutes).....			10x6	...	41	39	48	55	62	89	90	106	152
132mb	- Int'l bothway telephone (minutes).....			10x6	...	61	61	71	79	88	117	122	142	195
STAFF														
51	Full-time telecommunication staff.....			3'241	3'291	3'351	3'332	3'565	3'619	3'730	4'748	5'277	5'468	
QUALITY OF SERVICE														
143	Faults per 100 main lines per year.....		%	22.0	...	...	...	...	...	...	...	...	...
TARIFFS														
151	Residential teleph. connection charge.....			3'000	3'000	3'000	14'000	...	22'000	22'000	22'000	22'000	22'000	
151b	Business teleph. connection charge.....			3'000	3'000	3'000	14'000	...	22'000	22'000	22'000	22'000	22'000	
152	Residential teleph. monthly subscription.....			50	50	50	100	...	101	101	101	101	101	
152b	Business teleph. monthly subscription.....			50	50	50	100	...	101	101	101	101	101	
153	3-minute local call (peak rate).....			0.30	0.30	0.30	1.00	...	3.00	3.00	3.00	3.00	3.00	
153o	3-minute local call (off-peak rate).....			—	—	—	0.30	...	1.50	1.50	1.50	1.50	1.50	
151c	Cellular connection charge.....			25'000	15'000	15'000	15'000	15'000	15'000	15'000	15'000	15'000	15'000	
152c	Cellular monthly subscription.....			1'500	500	500	500	1'000	1'000	1'000	1'000	1'000	1'000	
153c	Cellular - 3-min. local call (peak rate).....			18	18	18	18	36	36	36	36	30	30	
153co	Cellular - 3-min. local call (off-peak rate).....			...	...	...	...	...	...	...	36	30	30
REVENUE AND EXPENSE														
75	Total telecom services revenue.....		10x6	1'472	2'022	2'293	4'556	7'503	8'589	10'812	12'384	15'146	19'270	
71	- Telephone service revenue.....		10x6	1'279	1'885	2'209	4'196	...	8'124	9'966	11'364	13'936	16'270	
CAPITAL EXPENDITURE														
81	Annual telecom. investment.....		10x6	528	781	736	1'656	...	...	7'029	6'117	7'734	8'222
BROADCASTING														
965	Television receivers.....		10	10x3	3'400	3'550	3'700	4'200	4'300	4'500	4'800	5'000	5'200	5'310
INFORMATION TECHNOLOGY														
422	Personal computers.....			...	...	...	...	15'000	20'000	25'000	30'000	35'000	37'000
4211	Internet hosts.....		11		—	—	—	2	10	20	30	53	80	
4212	Estimated Internet users.....			...	...	...	...	100	2'500	4'000	10'000	15'000	17'000

Note: Data prior to 1990 refer to the former Yemen Arab Republic.

Source: Public Telecommunication Corporation (PTC), Ministry of Communications.

(1) Source: UN;1994: Latest census. (2) Central Statistical Office, ITU estimate. (3) Source: IMF. (4) Source: IMF. (5) Source: IMF. (6) Source: IMF. (7) 2000: Estimate. (8) 2000: Estimate. (9) 1983-84: Estimate. (10) Source: Yemen Radio & TV Corporation, Unesco. (11) Source: Internet Software Consortium. Since 1999: RIPE.

**ARAB STATES TELECOMMUNICATION
ORGANIZATIONS**

Algeria

Regulator

Autorité de Régulation de la Poste et des Télécommunications	1, rue Kaddour Rahim 16008 Hussein dey	Tel. Fax	+213 21 71 92 25 +213 21 73 47 71
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Telecommunication operator(s)

Ministère de la Poste et des Technologies de l'Information et de la Communication (MPT)	4, Boulevard Krim Belkacem 16027 Alger	Tel. Fax WWW	+213 21 71 12 20 +213 21 71 28 87 www.postelecom.dz
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OT Algeria

Bahrain

Ministry

Ministry of Transportation	P.O. Box 11170 Manama	Tel. Fax	+973 534 534 +973 533 544
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Telecommunication operator(s)

Bahrain Telecommunications Company (BATELCO)	P.O. Box 14 Manama	Tel. Fax WWW	+973 881 881 +973 883 451 www.batelco.com.bh
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Comoros

Ministry

Min. d'Etat, des Affaires Sociales, de la Solidarité, de la Décentralisation, des Postes, es Télécom	et des Transports Internationaux B.P. 97 Moroni	Tel. Fax	+269 74 42 65 +269 74 42 41
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Telecommunication operator(s)

Société Nationale des Postes et Télécommunications (SNPT)	Chargé des Postes et Télécommunications B.P. 5000 Moroni-RP	Tel. Fax WWW	+269 74 43 00 +269 73 10 79 www.snpt.km
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Djibouti

Ministry

Ministère de la Communication, de la Culture chargé des Postes et Télécommunications	P.O. Box 2501 Djibouti	Tel. Fax	+253 35 39 28 +253 35 39 57
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Telecommunication operator(s)

Djibouti Telecom SA <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	3, Avenue G. Pompidou BP 2105 Djibouti RDD	Tel. Fax WWW	+253 35 11 10/0669 +253 35 5757 www.nic.dj
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Egypt**Ministry**

Ministry of Communications and Information Technology	Ahmed Oraby, St. Mohandeseen Giza	Tel. Fax WWW	+202 2 344 45 44 +202 2 344 60 88 www.mcit.gov.eg
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Regulator

Telecommunication Regulatory Authority (TRA)	27 Mosadak Street El Dokki Cairo	Tel. Fax WWW	+202 760 6670/6671 +202 761 7880 www.tra.gov.eg
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Telecommunication operator(s)

Mirsfone Telecommunications Co. <input type="checkbox"/>	17 Corniche El Nile, Maadi	Tel. Fax WWW	+202 529 20 15 +202 529 20 30 www.clickgsm.com
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Telecom Egypt <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	P.O. Box 2271 Cairo 11511	Tel. Fax WWW	+202 577 7551 +202 579 7722 www.telecomegypt.com.eg
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The Egyptian Company for Mobile Services (MobiNil) <input type="checkbox"/>	1191 Corniche El Nil World Trade Center	Tel. Fax WWW	+202 12 320 00 00 +202 12 320 00 29 www.mobinil.com
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Iraq**Ministry**

Ministry of Transport and Communications	P.O. Box 2450 Baghdad	Tel. Fax	+964 1 718 0400 +964 1 718 2125
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Jordan**Ministry**

Ministry of Information and Communications Technology (MOICT)	P.O. Box 9903 Amman 11191	Tel. Fax WWW	+962 6 585 9001 +962 6 586 1059 www.moict.gov.jo
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Regulator

Telecommunications Regulation Commission	P.O. Box 850967 Amman 11185	Tel. Fax WWW	+962 6 586 2020 +962 6 586 3641 www.trc.gov.jo
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Telecommunication operator(s)

Jordan Mobile Telephone Services Company (Fast Link)	PO Box 940821 Amman 1194	Tel. Fax WWW	+962 6 582 8100 +962 6 582 8200 www.jmts-fastlink.com.jo
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Jordan Telecom Company (JTC)	P.O. Box 1689 Amman 11118	Tel. Fax WWW	+962 6 461 8301 +962 6 465 9666 www.jtc.com.jo
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MobileCom	P.O. Box 851114 Amman 11185	Tel. WWW	+962 77 700177 www.mobilecom.jo
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**Kuwait***Ministry*

Ministry of Communications	P.O. Box 318 111 11 Safat	Tel. Fax WWW	+965 819 033 +965 481 8696 www.moc.kw
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*Telecommunication operator(s)*

Ministry of Communications	P.O. Box 318 111 11 Safat	Tel. Fax WWW	+965 819 033 +965 481 8696 www.moc.kw
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Mobile Telecommunications Company (K.S.C.)	P.O. Box 22244 13083 Safat	Tel. Fax WWW	+965 484 6655 +965 483 7755 www.mtc.com.kw
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National Mobile Telecommunications Company	Souk Al-Kabir Block-B 8th Floor Kuwait City	Tel. Fax WWW	+965 2435500 +965 2436600 www.wataniya.com
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**Lebanon***Ministry*

Ministère des Télécommunications	Avenue Sami el Solh Beyrouth	Tel. Fax WWW	+961 1 888 088 +961 1 427 111 www.mpt.gov.lb
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*Telecommunication operator(s)*

Direction générale des télécommunications	Avenue Sami el Solh Beyrouth	Tel. Fax	+961 1 888 150 +961 1 888 600
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FTML Cellis	Palm Center Furn El Cheblak B.P. 50257 Beyrouth	Tel. Fax WWW	+961 3 391 000 +961 3 391 009 www.cellis.com.lb
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Telecommunication organizations

Arab States

Libancell s.a.l. <input type="checkbox"/>	Libancell Building Avenue Charles Helou B.O. Box 136406 Beyrouth	Tel. Fax WWW	+961 3 792 000 +961 3 792 020 www.libancell.com.lb
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Libya

Ministry

General Directorate of Posts and Telecommunications (GDPT)	P.O. Box 81686 Tripoli	Tel. Fax	+218 21 360 41 01 +218 21 360 41 02
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Telecommunication operator(s)

El Madar Telephone Co. <input type="checkbox"/>		Tel. Fax	+218 21 360 22 10 +218 21 360 22 02
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General Post and Telecommunication Company (GPTC) <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	P.O. Box 886 Tripoli	Tel. Fax WWW	+218 21 361 90 11-30 +218 21 360 14 30 www.mpt.gov.lb
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Mauritania

Ministry

Ministère de l'Intérieur, des Postes et Télécommunications	P.O. Box 195 Nouakchott	Tel. Fax	+222 525 20 94 +222 525 20 20
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Regulator

Autorité de Régulation	B.P. 4908 Nouakchott	Tel. Fax WWW	+222 529 12 70 +222 529 12 79 www.are.mr
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Telecommunication operator(s)

Mauritel Mobiles <input type="checkbox"/>		WWW	www.mauritelmobiles.mr
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Société Mauritanienne des Télécommunications (MAURITEL) <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	P.O. Box 7000 Nouakchott	Tel. Fax WWW	+222 525 2340/7600 +222 525 1700 www.opt.mr
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Morocco

Ministry

Secrétariat d'Etat chargé de la Poste et des Technologies des Télécommunications et de l'Information	Boulevard Moulay El Hassan 10000 Rabat	Tel. Fax WWW	+212 37 76 25 07 +212 37 76 08 28 www.septi.gov.ma www.mincom.gov.ma
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Regulator

Agence Nationale de Réglementation des Télécommunications (ANRT)	Centre d'affaire BD Ar-Ryad Hay Ryad B.p. 2939 10100 Rabat	Tel. Fax WWW	+212 3 7 71 84 00 +212 3 7 71 64 89 www.anrt.net.ma
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Telecommunication operator(s)

Itissalat Al Maghrib <input type="radio"/> <input checked="" type="radio"/> <input type="checkbox"/>	Avenue Annakhil Hay Ryad 10100 Rabat	Tel. Fax WWW	+212 3 7 71 44 28 +212 3 7 71 33 00 www.iam.ma
Médi Telecom <input type="checkbox"/>	Twin Center Tour Ouest Angle BDS Zerktouni & Massira Alkitadra Casablanca	Tel. Fax WWW	+212 22 95 70 70 +212 22 95 73 76 www.meditel.ma

Oman*Ministry*

Ministry of Posts, Telegraphs and Telephones	PO Box 338 Ruwi Muscat 112	Tel. Fax WWW	+968 697 888 +968 696 817 www.comm.gov.om
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Telecommunication operator(s)

General Telecommunications Organization (GTO) <input type="radio"/> <input checked="" type="radio"/>	P.O. Box 789 Ruwi Muscat 112	Tel. Fax WWW	+968 697 573 +968 695 558 www.gto.net.om
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Palestine*Ministry*

Ministry of Post & Telecommunications	P.O. Box 1258 Gaza	Tel. Fax	+972 7 2825 666 +972 7 2822 222
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Telecommunication operator(s)

Palestine Telecommunications Company, p.l.c. (PALTEL) <input type="radio"/> <input checked="" type="radio"/> <input type="checkbox"/>	P.O. Box 1570 Nablus	Tel. Fax WWW	+972 9 2376 225 +972 9 2376 227 http://www.paltel.net/
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Qatar*Telecommunication operator(s)*

Qatar Telecom Q.S.C. (Q-TEL) <input type="radio"/> <input checked="" type="radio"/> <input type="checkbox"/>	New Headquarters Tower West Bay P.O. Box 217 Doha	Tel. Fax WWW	+974 4400 400/678 +974 4830 630 www.qtel.com.qa
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Saudi Arabia*Ministry*

Ministry of Post, Telegraph and Telephone (MOPTT)	Riyadh 11112	Tel. Fax	+966 1 463 7100 +966 1 403 2048
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Telecommunication operator(s)

Saudi Telecommunications Company (STC) <input type="radio"/> <input checked="" type="radio"/> <input type="checkbox"/>	P.O. Box 87912 Riyadh 11652	Tel. Fax WWW	+966 1 452 91 66 +966 1 470 20 50 www.stc.com.sa
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Somalia

Ministry

Ministry of Posts and Telecommunications	Mogadishu	Tel.	+971 4 221 7707
		Fax	+971 4 228 8456

Telecommunication operator(s)

Barakaat Globetelecompany



Sudan

Ministry

Ministry of Information and Communications	P.O. Box 291 11111 Khartoum	Tel.	+249 11 779493
		Fax	+249 11 772555/780507

Regulator

National Telecommunication Corporation	P.O. Box 2869 11111 Khartoum	Tel.	+249 11 483 203
		Fax	+249 11 483 202
		WWW	http://www.ntc-sudan.org/NTC_ENG/

Telecommunication operator(s)

Sudan Telecommunications Company Ltd. (Sudatel)	P.O. Box 11155 Khartoum	Tel.	+249 11 775669
		Fax	+249 11 781899
		WWW	www.sudatel.net



Sudanese Mobile Telephone Co. Ltd. (MobiTel)	P.O. Box 13588 Khartoum	Tel.	+249 11 464742
		Fax	+249 11 473111
		WWW	www.sdn-mobitel.com www.sdn-mobinet.net



Syria

Ministry

Ministry of Communications	AL-Magles AL-Niyabi Street Damascus	Tel.	+963 11 332 0807
		Fax	+963 11 224 6403

Telecommunication operator(s)

Syrian Telecommunication Establishment (STE)	Mezzeh - Autostrad Damascus	Tel.	+963 11 224 0000
		Fax	+963 11 612 1240
		WWW	www.syriatel.net



Tunisia

Ministry

Ministère des Technologies de la Communication et du Transport	Bureau des Relations Internationales et du Partenariat 3 bis, rue d'Angleterre 1000 Tunis	Tel. Fax WWW	+216 1 33 34 36 +216 1 33 26 85 www.infocom.tn
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Telecommunication operator(s)

Orascom Telecom <input type="checkbox"/>		Tel. Fax	+216 71 806 220 +216 71 772 168
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Tunisie Telecom <input type="radio"/> <input checked="" type="radio"/> <input type="checkbox"/>	Rue Asdrubal 1002 Tunis	Tel. Fax	+216 1 80 17 17 +216 1 80 07 77
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United Arab Emirates

Ministry

Ministry of Communications	P.O. Box 900 Abu Dhabi	Tel. Fax	+971 2 6651 900 +971 2 6668 180
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Telecommunication operator(s)

Emirates Telecommunications Corporation (Etisalat) <input type="radio"/> <input checked="" type="radio"/> <input type="checkbox"/>	Head Office P.O. Box 3838 Abu Dhabi	Tel. Fax WWW	+971 2 6283 333 +971 2 6317 000 www.etisalat.co.ae
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Yemen

Ministry

Ministry of Communications	P.O. Box 25237 Sana'a	Tel. Fax	+967 1 331 456 +967 1 331 457
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Telecommunication operator(s)

Public Telecommunication Corporation (PTC) <input type="radio"/> <input checked="" type="radio"/>	Algiraff PO Box 17045 Sana'a	Tel. Fax	+967 1 331 140 +967 1 331 150
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Saba Fone Yemen <input type="checkbox"/>	Zubairy Street P.O. Box 1855 Sana'a		
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Spacetel Yemen <input type="checkbox"/>	Zubairy Street P.O. Box 4562 Sana'a	Tel. Fax	+967 1 420 553 +967 1 421 499
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Yemen International Telecommunications Company (Tele Yemen) <input checked="" type="radio"/>	26th September Street P.O. Box 168 Sana'a	Tel. Fax WWW	+967 1 276 152 +967 1 270 848 www.y.net.ye
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Technical notes

Demography, Economy

The data for *Population* are mid-year estimates from the UN unless otherwise noted. The data for *Gross Domestic Product* (GDP) are generally from the IMF. They are current price data in national currency. *Gross Fixed Capital Formation* includes outlays of industries, producers of government services and producer of private non-profit services to households, on additions to their stocks of fixed assets less, net sales of similar second-hand and scrapped goods. *Average exchange rate per US\$* is the most frequently used conversion rate regularly published by the IMF and refers to annual average based on the exchanges rates communicated to the IMF by the monetary authority of each member country and agreed by the Fund. For countries where the IMF rate is unavailable or where the exchange rate typically applied to foreign exchange transactions differs markedly from the official IMF rate, a World Bank conversion rate is used. *Consumer Price Index* is the most frequently used indicator of inflation and reflect changes in the cost of acquiring a fixed basket of good and services by the average consumer.

Telephone network

Main telephone lines refer to telephone lines connecting a customer's equipment (e.g., telephone set, facsimile machine) to the Public Switched Telephone Network (PSTN) and which have a dedicated port on a telephone exchange. Note that for most countries, main lines also include public payphones but do not include mobile cellular subscribers. *Main telephone lines per 100 inhabitants* is calculated by dividing the number of main lines by the population and multiplying by 100. *% digital main lines* is calculated by dividing the number of main lines connected to digital exchanges by the total number of main lines. *Waiting list* shows the total number of applications for a connection to a main telephone line which have had to be held over owing to a lack of technical availability. It should be noted that the waiting list refers to applications received; it does not include figures for those who desire a telephone line but have not submitted an application. *Public pay phones* refers to the total number of all types of public telephones, including coin- and card-operated ones. Some countries include public phones installed in private establishments. No distinction is made between operational and not operational payphones.

Mobile services

Cellular telephone subscribers refers to users of portable telephones subscribing to an automatic public mobile telephone service which provides access to the Public Switched Telephone Network (PSTN) using cellular technology. This can include analogue and digital cellular systems but should not include non-cellular systems. Subscribers to public mobile data services or radio paging services should not be included in this definition.

Staff

Full-time telecommunication staff is the full-time staff employed by telecommunication network operators in the country for the provision of public telecommunication services. Part-time staff should be expressed in terms of full-time staff equivalents. As far as possible, staff not working principally for the provision of telecommunications services (e.g. those working in postal services or broadcast operations) should be excluded. *Main telephone lines per employee* is obtained by dividing the number of main telephone lines by the number of employee.

Revenue and expense

Total telecom revenue consists of the revenues (turnover) received from providing telecommunication services in each country and earned during the financial year under review. *Telecom revenue as a % of GDP* shows current telecommunication revenues divided by Gross Domestic Product (GDP) and expressed as a percentage.

Capital expenditure

Annual investment in telecom is the expenditure associated with acquiring the ownership of property (including intellectual and non-tangible property such as computer software) and plant. These include expenditure on initial installations and on additions to existing installations where the usage is expected to be over an extended period of time. Also referred to as "capital expenditure". *Telecom investment as % of GFCF* shows telecommunications investment divided by Gross Fixed Capital Formation (GFCF) and expressed as a percentage.

Broadcasting

Television receivers represent the estimated total number of both black and white and colour television sets in use. Some countries have a licensing scheme where television sets must be registered. Since households may have more than one television receiver or may not register, the number of licensed receivers may understate the true number especially if there is widespread avoidance of the licensing scheme. These data are generally submitted by annual questionnaire completed to broadcasting authorities; in a few instances data have been drawn from UNESCO. *Television receivers per 100 inhabitants* is obtained by dividing the number of television receivers by the total population and multiplying by 100.

Information Technology

Number of Personal Computers shows the number of Personal Computers (PCs) in the economy. *Internet users* is based on reported estimates, derivations based on reported Internet subscriber counts, or calculated by multiplying the number of Internet hosts by a certain multiplier.

Data sources

Demographic and economic

Demographic and economic statistics were obtained from the following organizations:

International Monetary Fund. Various years. *International Financial Statistics*. Washington D.C.

United Nations (UN). Various years. *Monthly Bulletin of Statistics*. New York.

UNESCO. Various years. *Statistical Yearbook*. Paris

Telecommunications

Telecommunications data are from the ITU/BDT's World Telecommunication Indicators database. The data are obtained by questionnaires sent to telecommunication ministries, regulators and operators as well as from annual reports issued by telecommunication entities and reports prepared by ITU staff.