

2. Main telephone lines

WTI

	Main telephone lines			Main telephone lines per 100 inhabitants		
	(000s)		CAGR (%)			CAGR (%)
	1998	2003	1998-03	1998	2003	1998-03
1 Algeria	1'477.0	2'199.6	8.3	5.01	6.93	6.7
2 Angola	65.1	96.3	8.1	0.54	0.67	4.5
3 Benin	38.4	66.5	11.6	0.64	0.95	8.1
4 Botswana	102.0	131.8	5.3	6.51	7.49	2.8
5 Burkina Faso	41.2	65.4	9.7	0.38	0.53	7.0
6 Burundi	17.8	23.9	6.0	0.28	0.34	4.0
7 Cameroon	93.9	95.2	0.3	0.66	0.59	-2.3
8 Cape Verde	40.0	71.7	12.4	9.58	15.63	10.3
9 Central African Rep.	9.6	9.5	-0.1	0.27	0.23	-3.5
10 Chad	8.6	12.4	7.6	0.12	0.15	4.8
11 Comoros	6.2	13.2	16.3	0.95	1.66	11.9
12 Congo	22.0	7.0	-20.5	0.79	0.20	-24.0
13 Côte d'Ivoire	170.0	238.0	7.0	1.19	1.43	3.8
14 D.R. Congo	9.3	10.0 [02]	1.7	0.02	0.02 [02]	-
15 Djibouti	7.9	10.2	5.1	1.30	1.52	3.1
16 Egypt	3'971.5	8'735.7	17.1	6.47	12.73	14.5
17 Equatorial Guinea	5.6	9.6	11.5	1.29	1.77	6.4
18 Eritrea	24.3	38.1	9.4	0.68	0.93	6.4
19 Ethiopia	164.1	435.0	21.5	0.28	0.63	17.9
20 Gabon	38.7	38.4	-0.1	3.32	2.87	-2.8
21 Gambia	25.6	38.4 [02]	10.6	2.15	2.89 [02]	7.6
22 Ghana	133.4	291.0	16.9	0.72	1.37	13.8
23 Guinea	15.2	26.2	11.5	0.21	0.34	10.2
24 Guinea-Bissau	8.1	10.6	5.5	0.70	0.82	3.2
25 Kenya	288.3	328.4	2.6	1.03	1.04	-
26 Lesotho	21.0	35.1	10.8	1.02	1.61	9.7
27 Liberia	6.5	6.9 [02]	1.5	0.24	0.21 [02]	-3.3
28 Libya	500.0	750.0	8.4	9.07	13.56	8.4
29 Madagascar	47.2	59.6	4.8	0.33	0.36	1.9
30 Malawi	37.4	85.0	17.9	0.38	0.81	16.6
31 Mali	27.1	60.9	17.6	0.28	0.56	15.2
32 Mauritania	15.0	38.2	20.5	0.62	1.39	17.4
33 Mauritius	245.4	348.2	7.3	21.16	28.52	6.2
34 Mayotte	12.2	10.0 [02]	-4.8	8.92	6.24 [02]	-8.6
35 Morocco	1'393.4	1'219.2	-2.6	5.03	4.05	-4.3
36 Mozambique	75.4	77.6	0.6	0.46	0.42	-1.8
37 Namibia	105.9	127.4	3.8	6.26	6.62	1.1
38 Niger	18.1	23.0	4.9	0.18	0.19	0.8
39 Nigeria	438.6	888.5	15.2	0.41	0.72	11.8
40 Réunion	242.7	300.0 [01]	7.3	35.58	41.04 [01]	4.9
41 Rwanda	10.8	25.6	18.8	0.16	0.30	13.2
42 S. Tomé & Príncipe	4.3	7.0	10.2	3.05	4.59	8.5
43 Senegal	139.5	228.8	10.4	1.55	2.21	7.3
44 Seychelles	18.8	21.2	2.5	23.78	25.60	1.5
45 Sierra Leone	17.4	24.0 [02]	8.4	0.37	0.48 [02]	6.9
46 Somalia	23.0	100.0	34.2	0.24	0.83	28.6
47 South Africa	5'075.4	4'821.0	-1.0	12.05	10.40	-2.9
48 Sudan	162.2	936.8	42.0	0.55	2.81	38.5
49 Swaziland	29.0	46.2	9.8	3.05	4.43	7.8
50 Tanzania	121.8	149.1	4.1	0.39	0.42	1.3
51 Togo	31.4	60.6	14.1	0.71	1.21	11.2
52 Tunisia	752.2	1'163.8	9.1	8.06	11.78	7.9
53 Uganda	56.9	61.0	1.4	0.27	0.24	-2.2
54 Zambia	77.7	88.4	2.6	0.80	0.79	-0.2
55 Zimbabwe	236.5	305.9	5.3	2.13	2.60	4.1
Africa	16'726.7	25'071.0	8.4	2.25	2.99	5.8

		Main telephone lines			Main telephone lines per 100 inhabitants		
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		1998	2003	1998-03	1998	2003	1998-03
56	Antigua & Barbuda	34.0	38.0	2.2	46.80	48.35	0.7
57	Argentina	7'095.5	8'606.4	3.9	19.71	22.73	2.9
58	Aruba	35.1	37.1 [01]	1.9	37.30	35.03 [01]	-2.1
59	Bahamas	105.9	131.9	4.5	35.77	41.58	3.1
60	Barbados	113.0	134.0	3.5	42.37	49.68	3.2
61	Belize	32.5	33.3	0.5	14.26	12.80	-2.1
62	Bermuda	53.7	56.0 [02]	1.0	83.95	86.15 [02]	0.6
63	Bolivia	452.4	610.3	6.2	5.69	7.26	5.0
64	Brazil	19'986.6	39'205.0	14.4	12.05	22.23	13.0
65	Canada	19'294.0	20'612.0	1.3	63.82	64.90	0.3
66	Chile	3'046.7	3'252.1	1.3	20.56	21.35	0.8
67	Colombia	6'366.9	7'849.7	4.3	15.59	17.93	2.8
68	Costa Rica	742.4	1'159.2	9.3	20.86	27.80	5.9
69	Cuba	387.6	724.3	13.3	3.49	6.40	12.9
70	Dominica	20.1	22.5	2.3	28.04	31.46	2.3
71	Dominican Rep.	772.2	908.8	3.3	9.92	10.47	1.1
72	Ecuador	990.8	1'549.0	9.3	8.14	11.82	7.8
73	El Salvador	386.7	752.6	14.2	6.41	11.34	12.1
74	French Guiana	46.3	51.0 [01]	3.3	30.54	30.22 [01]	-0.3
75	Grenada	27.5	32.6	3.5	29.78	29.04	-0.5
76	Guadeloupe	197.1	210.0 [01]	2.1	47.13	48.73 [01]	1.1
77	Guatemala	517.0	944.1	12.8	4.79	7.67	9.9
78	Guyana	59.9	92.3	9.0	7.05	10.40	8.1
79	Haiti	65.0	140.0	16.6	0.83	1.77	16.2
80	Honduras	249.5	334.4	6.0	3.99	4.92	4.3
81	Jamaica	462.8	458.7	-0.2	18.03	17.36	-0.8
82	Martinique	172.2	172.0 [01]	-	45.45	44.47 [01]	-0.7
83	Mexico	9'926.9	16'330.1	10.5	10.36	15.99	9.1
84	Neth. Antilles	78.0	81.0 [01]	1.3	36.65	37.23 [01]	0.5
85	Nicaragua	141.2	205.0	7.7	3.01	3.71	4.3
86	Panama	418.8	380.2	-1.9	15.13	12.20	-4.2
87	Paraguay	260.7	280.8	1.5	4.99	4.73	-1.1
88	Peru	1'555.1	1'839.2	3.4	6.27	6.71	1.4
89	Puerto Rico	1'261.7	1'212.8	-0.8	33.65	31.26	-1.5
90	St. Kitts and Nevis	18.4	23.5 [02]	6.4	41.65	50.31 [02]	4.8
91	St. Lucia	40.4	51.1 [02]	6.1	26.92	31.95 [02]	4.4
92	St. Vincent	21.0	32.4	9.0	18.79	27.25	7.7
93	Suriname	67.3	79.8	3.5	15.80	16.59	1.0
94	Trinidad & Tobago	264.1	319.8	3.9	20.58	24.54	3.6
95	United States	179'850.0	183'042.0	0.4	65.20	62.94	-0.7
96	Uruguay	823.5	938.2	2.6	25.87	29.04	2.3
97	Venezuela	2'592.3	2'956.2	2.7	11.15	11.51	0.6
98	Virgin Islands (US)	64.9	69.7	1.4	60.33	62.95	0.9
Americas		259'097.6	295'959.1	2.7	32.05	34.40	1.4

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		1998	2003	1998-03	1998	2003	1998-03
99	Afghanistan	29.0	36.7	4.8	0.14	0.18	6.1
100	Armenia	556.6	563.7	0.3	14.66	14.83	0.2
101	Azerbaijan	680.2	941.4	6.7	8.87	11.39	5.1
102	Bahrain	157.6	185.8	3.3	26.09	26.76	0.5
103	Bangladesh	412.6	742.0	12.5	0.33	0.55	10.8
104	Bhutan	10.4	25.2	19.3	1.64	3.43	15.9
105	Brunei Darussalam	77.7	90.0	3.7	24.68	25.57	0.9
106	Cambodia	24.3	36.4	8.4	0.21	0.26	3.9
107	China	87'420.9	262'747.0	24.6	6.96	20.33	23.9
108	D.P.R. Korea	500.0	980.0	14.4	2.20	4.10	13.3
109	Georgia	628.8	667.1	1.2	12.16	13.64	2.3
110	Hong Kong, China	3'729.2	3'806.4	0.4	56.98	55.89	-0.4
111	India	21'593.7	42'000.0	14.2	2.20	3.97	12.6
112	Indonesia	5'571.6	8'477.0	8.8	2.73	3.94	7.7
113	Iran (I.R.)	7'355.0	14'571.1	14.7	11.89	21.97	13.1
114	Iraq	650.0	1'183.3	12.7	2.98	4.75	9.8
115	Israel	2'807.0	3'100.0	2.0	46.91	45.82	-0.5
116	Japan	62'413.3	60'218.5	-0.7	49.39	47.19	-0.9
117	Jordan	510.9	622.6	4.0	10.74	11.36	1.1
118	Kazakhstan	1'775.4	2'228.4	4.7	10.86	14.07	5.3
119	Korea (Rep.)	20'088.5	25'800.4	5.1	44.24	53.92	4.0
120	Kuwait	427.3	486.9	2.6	21.08	19.60	-1.4
121	Kyrgyzstan	368.4	396.2	1.5	7.84	7.86	0.1
122	Lao P.D.R.	28.5	69.8	19.6	0.57	1.23	16.6
123	Lebanon	566.0	700.0	4.3	17.74	20.00	2.4
124	Macao, China	173.9	174.6	0.1	40.92	38.93	-1.0
125	Malaysia	4'384.1	4'571.6	0.8	20.16	18.25	-2.0
126	Maldives	20.0	30.1	8.5	7.72	10.48	6.3
127	Mongolia	103.4	138.1	6.0	4.47	5.62	4.7
128	Myanmar	229.3	363.0	9.6	0.52	0.68	5.8
129	Nepal	208.4	371.8	12.3	0.98	1.57	10.0
130	Oman	220.0	236.2	1.4	9.62	10.09	1.0
131	Pakistan	2'756.1	4'047.4	8.0	2.08	2.70	5.4
132	Palestine	167.3	315.8	13.6	5.77	8.73	8.6
133	Philippines	2'491.6	3'340.0	6.0	3.42	4.12	3.8
134	Qatar	150.5	184.5	4.2	27.41	26.12	-1.0
135	Saudi Arabia	2'167.0	3'502.6	10.1	10.95	15.54	7.3
136	Singapore	1'777.9	1'896.6	1.3	45.33	45.19	-0.1
137	Sri Lanka	523.5	939.0	12.4	2.92	4.88	10.8
138	Syria	1'477.0	2'413.5	10.3	9.47	13.75	7.8
139	Taiwan, China	11'500.4	13'355.0	3.0	52.44	59.08	2.4
140	Tajikistan	221.3	245.2	2.1	3.68	3.75	0.4
141	Thailand	5'037.5	6'617.4	5.6	8.49	10.69	4.7
142	Turkmenistan	354.0	376.1	1.2	8.22	7.73	-1.2
143	United Arab Emirates	915.2	1'135.8	4.4	32.29	28.11	-2.7
144	Uzbekistan	1'536.7	1'717.1	2.2	6.42	6.70	0.9
145	Viet Nam	1'743.6	4'402.0	20.3	2.25	5.41	19.2
146	Yemen	249.5	684.9	22.4	1.48	3.40	18.1
Asia		256'791.2	481'734.1	13.4	7.30	12.92	12.1

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		1998	2003	1998-03	1998	2003	1998-03
147	Albania	115.7	255.0	17.1	3.72	8.30	17.4
148	Andorra	32.9	35.2	1.3	43.93	41.77	-1.0
149	Austria	3'996.6	3'881.0	-0.6	50.10	47.68	-1.0
150	Belarus	2'489.9	3'071.3	4.3	24.79	31.11	4.6
151	Belgium	4'856.5	4'875.0	0.1	47.55	47.00	-0.2
152	Bosnia	333.2	938.0	23.0	9.07	24.48	22.0
153	Bulgaria	2'758.0	2'817.5	0.4	33.09	36.12	1.8
154	Croatia	1'558.0	1'871.3	3.7	34.77	42.78	4.2
155	Cyprus	404.7	424.1	0.9	61.41	59.05	-0.8
156	Czech Republic	3'741.5	3'626.3	-0.6	36.34	35.55	-0.4
157	Denmark	3'495.9	3'613.0	0.7	65.97	66.94	0.3
158	Estonia	498.6	461.0	-1.6	34.39	34.12	-0.2
159	Faroe Islands	24.0	24.3	0.2	54.38	50.96	-1.3
160	Finland	2'841.5	2'567.6	-2.0	55.07	49.20	-2.2
161	France	34'098.8	33'807.2	-0.2	58.39	56.44	-0.7
162	Germany	46'530.0	54'233.0	3.1	56.72	65.71	3.0
163	Greece	5'535.5	6'300.3	2.6	52.22	54.99	1.0
164	Greenland	25.0	25.3 [02]	0.4	44.56	44.69 [02]	0.1
165	Guernsey	48.1	55.4	2.9	77.58	99.37	5.1
166	Hungary	3'423.0	3'602.9	1.0	33.59	35.61	1.2
167	Iceland	173.7	192.6	2.1	63.09	66.63	1.1
168	Ireland	1'633.0	1'955.0	3.7	44.08	49.13	2.2
169	Italy	25'986.1	26'596.0	0.5	45.31	45.94	0.3
170	Jersey	68.7	73.9 [01]	2.5	79.94	84.79 [01]	2.0
171	Latvia	742.3	653.9	-2.5	30.19	28.19	-1.4
172	Lithuania	1'112.9	824.2	-5.8	30.07	23.86	-4.5
173	Luxembourg	293.1	360.1	4.2	68.73	79.75	3.0
174	Malta	191.5	208.3	1.7	49.88	52.07	0.9
175	Moldova	657.5	791.1	3.8	18.01	21.93	4.0
176	Netherlands	9'337.0	7'846.0	-3.4	59.24	48.18	-4.1
177	Norway	2'475.0	2'228.0	-2.1	55.68	48.64	-2.7
178	Poland	8'812.3	12'292.5	6.9	22.76	31.85	7.0
179	Portugal	4'116.9	4'281.1	0.8	41.25	40.87	-0.2
180	Romania	3'599.0	4'331.6	3.8	16.01	19.98	4.5
181	Russia	29'246.0	36'993.0	4.8	19.86	25.27	4.9
182	Serbia and Montenegro	2'319.4	2'611.7	2.4	21.81	32.11	8.0
183	Slovak Republic	1'539.3	1'294.7	-3.4	28.54	24.06	-3.4
184	Slovenia	723.2	812.3	2.4	36.29	40.68	2.3
185	Spain	16'288.6	17'759.2	1.7	40.87	41.60	0.4
186	Sweden	6'389.0	6'543.0	0.5	72.16	72.89	0.2
187	Switzerland	4'884.0	5'323.0	1.7	68.40	72.74	1.2
188	TFYR Macedonia	439.2	525.0	3.6	21.94	25.19	2.8
189	Turkey	16'807.0	18'916.7	2.4	26.48	26.75	0.2
190	Ukraine	9'698.2	11'109.5	2.8	19.07	23.33	4.1
191	United Kingdom	32'829.0	33'550.0	0.4	55.42	56.39	0.3
Europe		297'169.2	324'557.1	1.8	37.51	40.59	1.6

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		1998	2003	1998-03	1998	2003	1998-03
192	Australia	9'540.0	10'965.0	2.8	50.99	55.15	1.6
193	Fiji	76.9	102.0	5.8	9.66	12.35	5.1
194	French Polynesia	53.1	53.5	0.2	23.31	21.41	-1.7
195	Guam	75.1	80.0 [01]	2.2	49.97	50.89 [01]	0.6
196	Kiribati	2.8	4.5 [02]	12.4	3.43	5.11 [02]	10.5
197	Marshall Islands	3.7	4.5	3.6	7.47	8.27	2.0
198	Micronesia	9.1	11.1	4.1	8.54	10.33	3.9
199	New Caledonia	49.3	51.9	1.1	23.97	22.68	-1.1
200	New Zealand	1'809.0	1'798.0	-0.1	47.42	44.85	-1.1
201	Northern Marianas	20.6	21.0 [00]	0.8	32.76	30.87 [00]	-2.9
202	Papua New Guinea	56.9	62.0 [02]	2.2	1.18	1.13 [02]	-1.0
203	Samoa	8.5	13.3	9.4	4.89	7.29	8.3
204	Solomon Islands	7.9	6.2	-4.6	1.99	1.31	-8.0
205	Tonga	8.5	11.2 [02]	7.1	8.67	11.29 [02]	6.8
206	Vanuatu	5.2	6.5	4.8	2.85	3.15	2.0
Oceania		11'726.6	13'190.8	2.4	39.25	41.09	0.9

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	<i>(000s)</i>		<i>CAGR</i>			<i>CAGR</i>
	<i>1998</i>	<i>2003</i>	<i>(%)</i> <i>1998-03</i>	<i>1998</i>	<i>2003</i>	<i>(%)</i> <i>1998-03</i>
WTI	841'511.3	1'140'512.1	6.3	14.29	18.22	5.0
Africa	16'442.3	24'654.1	8.4	2.26	2.99	5.8
Americas	257'188.6	294'069.5	2.7	32.02	34.39	1.4
Asia	255'612.3	479'534.1	13.4	7.41	13.11	12.1
Europe	296'970.4	324'343.0	1.8	37.50	40.58	1.6
Oceania	11'619.0	13'074.2	2.4	39.41	41.27	0.9

Note: For data comparability and coverage, see the technical notes.
Figures in italics are estimates or refer to years other than those specified.

Source: ITU.