

7. Cellular subscribers

WTI

	Cellular mobile subscribers					As % of total telephone subscribers 2003
	(k)		CAGR	Per 100	%	
	1998	2003	(%) 1998-03	inhabitants 2003	Digital 2003	
1 Algeria	18.0	1'441.4	140.3	4.54	100.0	39.6
2 Angola	9.8	332.8	102.3	2.32	...	77.6
3 Benin	6.3	236.2	106.5	3.36	100.0	78.0
4 Botswana	15.2	522.8	102.9	29.71	100.0	79.9
5 Burkina Faso	2.7	227.0	142.1	1.85	100.0	77.6
6 Burundi	0.6	64.0	152.8	0.90	100.0	72.8
7 Cameroon	5.0	1'077.0	192.9	6.62	100.0	91.9
8 Cape Verde	1.0	53.3	120.6	11.63	100.0	42.7
9 Central African Rep.	1.6	40.0	89.6	0.97	...	80.8
10 Chad	-	65.0	-	0.80	100.0	83.9
11 Comoros	-	2.0	-	0.25	...	13.1
12 Congo	3.4	330.0	149.8	9.43	100.0	97.9
13 Côte d'Ivoire	91.2	1'280.7	69.6	7.70	100.0	84.3
14 D.R. Congo	10.0	1'000.0	151.2	1.89	...	99.0
15 Djibouti	0.2	23.0	153.4	3.44	100.0	69.3
16 Egypt	90.8	5'797.5	129.6	8.45	100.0	39.9
17 Equatorial Guinea	0.3	41.5	168.6	7.64	...	81.2
18 Eritrea	-	-	-	-	-	-
19 Ethiopia	-	97.8	-	0.14	100.0	18.4
20 Gabon	9.7	300.0	98.7	22.44	100.0	88.6
21 Gambia	5.0	100.0	[02] 111.0	7.53	...	[02] 72.3
22 Ghana	41.8	795.5	80.3	3.74	95.1	73.2
23 Guinea	21.6	111.5	38.9	1.44	100.0	81.0
24 Guinea-Bissau	-	1.3	-	0.10	...	10.8
25 Kenya	10.8	1'590.8	171.6	5.02	100.0	82.9
26 Lesotho	9.8	101.5	59.5	4.67	100.0	74.3
27 Liberia	-	47.3	-	1.40	...	87.4
28 Libya	20.0	127.0	44.7	2.30	100.0	14.5
29 Madagascar	12.8	283.7	85.9	1.74	98.5	82.6
30 Malawi	10.5	135.1	66.7	1.29	100.0	61.4
31 Mali	4.5	244.9	122.7	2.25	...	80.1
32 Mauritania	-	351.0	-	12.75	...	90.2
33 Mauritius	60.4	326.0	40.1	26.70	100.0	48.4
34 Mayotte	-	33.2	-	19.88	...	76.9
35 Morocco	116.6	7'359.9	129.1	24.43	100.0	85.8
36 Mozambique	6.7	435.8	130.3	2.35	100.0	84.9
37 Namibia	19.5	223.7	62.9	11.63	100.0	63.7
38 Niger	1.3	76.6	124.3	0.62	...	76.9
39 Nigeria	20.0	3'149.5	175.1	2.55	100.0	78.0
40 Réunion	50.3	521.5	59.6	68.98	100.0	63.5
41 Rwanda	5.0	130.7	92.1	1.56	100.0	83.6
42 S. Tomé & Príncipe	-	4.8	-	3.17	100.0	40.9
43 Senegal	27.5	782.4	95.4	7.55	100.0	77.4
44 Seychelles	5.2	49.2	56.8	59.47	100.0	69.9
45 Sierra Leone	-	113.2	-	2.28	...	82.5
46 Somalia	-	200.0	-	1.67	100.0	66.7
47 South Africa	3'337.0	16'860.0	38.3	36.36	100.0	77.8
48 Sudan	8.6	527.2	127.8	1.58	100.0	36.0
49 Swaziland	4.7	85.0	78.4	8.14	100.0	64.8
50 Tanzania	37.9	1'040.6	93.9	2.95	100.0	87.5
51 Togo	7.5	220.0	96.5	4.40	100.0	78.4
52 Tunisia	39.0	1'917.5	117.9	19.41	99.7	62.2
53 Uganda	30.0	776.2	91.7	3.03	100.0	92.7
54 Zambia	8.3	241.0	96.3	2.15	100.0	73.2
55 Zimbabwe	19.0	363.7	80.5	3.09	99.9	54.3
Africa	4'207.3	52'259.3	65.5	6.22	95.3	67.6

	Cellular mobile subscribers					As % of total telephone subscribers 2003
	(k)		CAGR	Per 100	%	
	1998	2003	(%) 1998-03	inhabitants 2003	Digital 2003	
56 Antigua & Barbuda	1.5	38.2	[02] 124.7	48.98	...	[02] 50.1
57 Argentina	2'670.9	7'842.2	24.0	20.71	...	47.7
58 Aruba	5.4	53.0	[01] 114.4	50.00	...	[01] 58.8
59 Bahamas	8.1	116.3	70.5	36.67	...	46.9
60 Barbados	12.0	140.0	63.5	51.91	...	51.1
61 Belize	3.5	60.4	76.4	23.23	59.0	64.5
62 Bermuda	12.6	40.0	26.0	61.16	...	41.7
63 Bolivia	239.3	1'278.8	39.8	15.21	...	67.7
64 Brazil	7'368.2	46'373.3	44.5	26.29	98.7	54.2
65 Canada	5'346.0	13'228.0	19.9	41.65	84.4	39.1
66 Chile	964.2	7'520.3	50.8	49.38	...	69.8
67 Colombia	1'800.2	6'186.2	28.0	14.13	100.0	44.1
68 Costa Rica	108.8	778.3	48.2	18.66	97.2	40.2
69 Cuba	4.1	35.4	54.2	0.31	...	4.7
70 Dominica	0.7	23.8	105.4	33.31	88.7	51.4
71 Dominican Rep.	209.4	2'122.5	58.9	24.46	87.8	70.0
72 Ecuador	242.8	2'398.2	58.1	18.31	...	60.8
73 El Salvador	137.1	1'149.8	53.0	17.32	...	60.4
74 French Guiana	4.0	87.3	[02] 116.1	49.94	100.0	[02] 63.1
75 Grenada	1.4	42.3	97.4	37.63	...	56.4
76 Guadeloupe	14.2	289.4	82.7	65.82	...	57.9
77 Guatemala	111.4	2'034.8	78.8	16.52	90.9	68.3
78 Guyana	1.5	80.1	123.0	9.02	...	46.5
79 Haiti	10.0	320.0	100.0	4.04	100.0	69.6
80 Honduras	34.9	379.4	61.2	5.58	90.0	53.1
81 Jamaica	78.6	1'600.0	82.7	60.57	...	77.7
82 Martinique	55.0	277.8	38.3	70.83	...	61.8
83 Mexico	3'349.5	30'097.7	55.1	29.47	...	64.8
84 Neth. Antilles	16.0	200.0	65.7	89.89
85 Nicaragua	18.3	466.7	91.1	8.45	100.0	69.5
86 Panama	85.9	834.0	57.6	26.76	100.0	68.7
87 Paraguay	231.5	1'770.3	50.2	29.85	100.0	86.3
88 Peru	742.6	2'930.3	31.6	10.69	...	61.4
89 Puerto Rico	580.0	1'800.0	[02] 32.7	46.65	...	[02] 58.5
90 St. Kitts and Nevis	0.4	5.0	[02] 83.6	10.70	...	[02] 17.5
91 St. Lucia	1.9	14.3	[02] 65.7	8.95	...	[02] 21.9
92 St. Vincent	0.8	62.9	142.5	52.87	100.0	66.0
93 Suriname	6.0	168.5	94.8	35.03	100.0	67.9
94 Trinidad & Tobago	26.3	336.4	66.5	25.81	100.0	51.3
95 United States	69'209.3	158'722.0	18.1	54.58	92.0	46.4
96 Uruguay	151.3	497.5	26.9	15.40	...	34.7
97 Venezuela	2'009.8	7'015.7	28.4	27.31	...	70.4
98 Virgin Islands (US)	25.0	41.0	[01] 17.9	37.51	...	[01] 37.1
Americas	95'900.4	299'458.1	25.6	34.81	72.8	50.3

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		(k)		CAGR	Per 100	%	
		1998	2003	(%)	inhabitants	Digital	
				1998-03	2003	2003	
						As % of total	
						telephone	
						subscribers	
						2003	
99	Afghanistan	-	200.0	-	1.00	...	84.5
100	Armenia	7.8	114.4	71.0	3.01	100.0	16.9
101	Azerbaijan	65.0	1'057.0	74.7	12.79	92.3	52.9
102	Bahrain	92.1	443.1	36.9	63.84	100.0	70.5
103	Bangladesh	75.0	1'365.0	78.7	1.01	99.5	64.8
104	Bhutan	-	8.0	-	1.09	100.0	24.1
105	Brunei Darussalam	49.1	137.0	[01] 40.8	40.06	100.0	[01] 60.8
106	Cambodia	61.3	498.4	52.0	3.52	77.3	93.2
107	China	23'863.0	269'953.0	62.4	20.89	100.0	50.7
108	D.P.R. Korea	-	-	[02] -	-	-	[02] -
109	Georgia	60.0	711.2	64.0	14.54	100.0	51.6
110	Hong Kong, China	3'174.4	7'349.2	18.3	107.92	100.0	65.9
111	India	1'195.4	26'154.4	85.4	2.47	100.0	38.4
112	Indonesia	1'065.8	18'800.0	77.5	8.74	...	68.9
113	Iran (I.R.)	390.0	3'376.5	54.0	5.09	100.0	18.8
114	Iraq	-	80.0	-	0.32	...	6.3
115	Israel	2'147.0	6'500.0	24.8	96.07	100.0	67.7
116	Japan	47'307.6	86'655.0	12.9	67.90	100.0	59.0
117	Jordan	82.4	1'325.3	74.3	24.19	100.0	68.0
118	Kazakhstan	29.7	1'330.7	113.9	8.40	...	37.4
119	Korea (Rep.)	14'018.6	33'591.8	19.1	70.20	100.0	56.6
120	Kuwait	250.0	1'420.0	41.5	57.16	100.0	74.5
121	Kyrgyzstan	1.4	138.3	152.4	2.75	81.3	25.9
122	Lao P.D.R.	6.5	112.3	77.1	1.98	100.0	61.7
123	Lebanon	505.3	820.0	10.2	23.43	...	53.9
124	Macao, China	82.1	364.0	34.7	81.17	100.0	67.6
125	Malaysia	2'200.0	11'124.1	38.3	44.41	99.0	70.9
126	Maldives	1.6	66.5	110.6	23.18	100.0	68.9
127	Mongolia	9.0	319.0	104.0	12.98	100.0	69.8
128	Myanmar	8.5	66.5	50.8	0.12	78.0	15.5
129	Nepal	-	81.9	-	0.35	100.0	18.0
130	Oman	103.0	593.5	41.9	25.35	100.0	71.5
131	Pakistan	196.1	2'404.4	65.1	1.61	...	37.3
132	Palestine	100.0	480.0	36.9	13.27	...	60.3
133	Philippines	1'733.7	22'509.6	67.0	27.77	94.2	87.1
134	Qatar	65.8	376.5	41.8	53.31	100.0	67.1
135	Saudi Arabia	627.3	7'238.2	63.1	32.11	100.0	67.4
136	Singapore	1'094.7	3'477.1	26.0	82.86	100.0	64.7
137	Sri Lanka	174.2	1'393.4	51.6	7.24	78.6	59.7
138	Syria	-	1'185.0	-	6.75	100.0	32.9
139	Taiwan, China	4'727.0	25'799.8	40.4	114.14	100.0	65.9
140	Tajikistan	0.4	47.6	157.6	0.73	...	16.3
141	Thailand	1'977.0	24'864.0	65.9	40.15	85.7	79.0
142	Turkmenistan	3.0	9.2	25.1	0.19	...	2.4
143	United Arab Emirates	493.3	2'972.3	43.2	73.57	100.0	72.4
144	Uzbekistan	26.8	320.8	64.3	1.25	...	15.7
145	Viet Nam	222.7	2'742.0	65.2	3.37	100.0	38.4
146	Yemen	16.1	700.0	112.5	3.47	...	50.5
Asia		108'309.8	571'276.0	39.5	15.33	94.6	54.3

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	(k)		CAGR	Per 100	%	
	1998	2003	(%) 1998-03	inhabitants 2003	Digital 2003	
147 Albania	5.6	1'100.0	187.5	35.80	100.0	81.2
148 Andorra	14.1	51.9	29.7	61.63	100.0	59.6
149 Austria	2'292.9	7'094.5	25.3	87.15	100.0	64.6
150 Belarus	12.2	1'118.0	147.0	11.32	94.3	26.7
151 Belgium	1'756.3	8'605.8	37.4	82.97	100.0	63.8
152 Bosnia	25.2	1'074.8	111.9	28.05	100.0	53.4
153 Bulgaria	127.0	3'500.9	94.1	44.88	97.0	55.4
154 Croatia	182.5	2'553.0	69.5	58.37	...	57.7
155 Cyprus	116.4	551.8	36.5	76.82	54.7	56.5
156 Czech Republic	965.5	9'708.7	58.7	95.17	99.6	72.8
157 Denmark	1'931.1	4'767.3	19.8	88.32	100.0	56.9
158 Estonia	247.0	1'050.2	33.6	77.74	100.0	69.5
159 Faroe Islands	6.5	38.0	42.3	79.77	96.7	61.0
160 Finland	2'846.0	4'747.1	10.8	90.96	100.0	64.9
161 France	11'210.1	41'683.1	30.0	69.59	100.0	55.2
162 Germany	13'913.0	64'800.0	36.0	78.52	100.0	54.4
163 Greece	2'047.0	8'936.2	34.3	78.00	100.0	58.6
164 Greenland	8.9	19.9	[02] 22.3	35.15	...	[02] 44.0
165 Guernsey	11.7	41.5	28.9	74.43	100.0	42.8
166 Hungary	1'070.2	7'944.6	49.3	78.53	100.0	68.8
167 Iceland	104.3	279.7	21.8	96.77	91.7	59.2
168 Ireland	946.0	3'500.0	29.9	87.96	100.0	64.2
169 Italy	20'489.0	56'770.0	22.6	98.07	98.8	68.1
170 Jersey	18.2	81.2	34.8	92.27	100.0	52.3
171 Latvia	167.5	1'219.6	48.8	52.58	100.0	65.1
172 Lithuania	267.6	2'169.9	52.0	62.82	100.0	72.5
173 Luxembourg	130.5	539.0	32.8	119.38	100.0	60.0
174 Malta	22.5	290.0	66.7	72.50	100.0	58.2
175 Moldova	7.0	475.9	132.5	13.20	100.0	37.6
176 Netherlands	3'351.0	13'200.0	31.5	81.06	102.2	62.7
177 Norway	2'106.4	4'163.4	14.6	90.89	99.1	65.1
178 Poland	1'928.0	17'401.2	55.3	45.09	...	58.6
179 Portugal	3'074.6	10'030.5	26.7	95.76	100.0	70.1
180 Romania	643.0	7'039.9	61.4	32.47	100.0	61.9
181 Russia	747.2	36'500.0	117.7	24.93	...	49.7
182 Serbia and Montenegro	240.0	3'634.6	72.2	44.68	100.0	58.2
183 Slovak Republic	465.4	3'678.8	51.2	68.38	99.9	74.0
184 Slovenia	161.6	1'739.1	60.8	87.09	51.4	68.2
185 Spain	6'437.4	37'219.8	42.0	87.19	41.9	67.7
186 Sweden	4'109.0	8'801.0	16.5	98.05	98.3	57.4
187 Switzerland	1'698.6	6'189.0	29.5	84.58	100.0	53.8
188 TFYR Macedonia	30.1	776.0	91.6	37.23	100.0	59.6
189 Turkey	3'506.1	27'887.5	51.4	39.44	100.0	59.6
190 Ukraine	115.5	6'498.4	123.9	13.65	...	36.9
191 United Kingdom	14'878.0	54'400.0	29.6	91.43	100.0	61.9
Europe	104'433.6	473'871.9	35.3	59.27	81.7	59.4

7. Cellular subscribers

WTI

		<i>Cellular mobile subscribers</i>					<i>As % of total</i>
		<i>(k)</i>		<i>CAGR</i>	<i>Per 100</i>	<i>%</i>	<i>telephone</i>
		<i>1998</i>	<i>2003</i>	<i>(%)</i>	<i>inhabitants</i>	<i>Digital</i>	<i>subscribers</i>
				<i>1998-03</i>	<i>2003</i>	<i>2003</i>	<i>2003</i>
192	Australia	4'918.0	14'347.0	23.9	72.17	100.0	56.7
193	Fiji	8.0	109.9	68.9	13.31	100.0	51.9
194	French Polynesia	11.1	60.1	40.3	24.04	...	52.9
195	Guam	12.8	32.6	[01] 36.4	20.74	...	[01] 29.0
196	Kiribati	-	0.5	88.7	0.59	...	10.5
197	Marshall Islands	0.3	0.6	11.6	1.11	...	11.8
198	Micronesia	-	5.9	-	5.44	-	34.5
199	New Caledonia	13.0	97.1	49.4	42.41	100.0	65.2
200	New Zealand	790.0	2'599.0	26.9	64.83	...	59.1
201	Northern Marianas
202	Papua New Guinea	5.6	15.0	[02] 28.2	0.27	...	[02] 19.5
203	Samoa	1.5	10.5	48.0	5.76	...	44.1
204	Solomon Islands	0.7	1.5	16.2	0.31	...	19.3
205	Tonga	0.1	3.4	[02] 125.4	3.38	100.0	[02] 23.0
206	Vanuatu	0.2	7.8	104.1	3.76	...	54.4
Oceania		5'761.4	17'290.8	24.6	53.98	84.2	56.8

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	<i>1998</i>	<i>2003</i>	<i>(%)</i> <i>1998-03</i>	<i>inhabitants</i> <i>2003</i>		<i>Digital</i> <i>2003</i>
WTI	318'612.4	1'414'156.1	34.7	22.59	85.6	
Africa	4'157.0	51'457.3	65.4	6.25	95.4	
Americas	95'188.2	296'669.6	25.5	34.70	73.5	
Asia	108'309.8	570'996.0	39.4	15.61	94.7	
Europe	104'374.2	473'639.3	35.3	59.27	81.7	
Oceania	5'748.5	17'251.8	24.6	54.46	84.4	

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.