

7. Cellular subscribers

WTI

	Cellular mobile subscribers					As % of total telephone subscribers 2001
	(k)		CAGR	Per 100	%	
	1996	2001	(%) 1996-01	inhabitants 2001	Digital 2001	
1 Algeria	11.7	100.0	53.6	0.32	100.0	5.1
2 Angola	3.3	86.5	92.2	0.64	...	52.0
3 Benin	2.7	125.0	115.2	1.90	100.0	67.8
4 Botswana	-	316.0	-	18.80	100.0	68.9
5 Burkina Faso	0.5	76.0	170.5	0.65	59.2	56.7
6 Burundi	0.6	30.7	122.6	0.45	100.0	59.9
7 Cameroon	3.5	417.3	160.2	2.71	100.0	79.7
8 Cape Verde	-	31.5	-	7.12	100.0	32.9
9 Central African Rep.	1.1	11.0	59.3	0.29	...	55.2
10 Chad	-	22.0	-	0.29	100.0	67.3
11 Comoros	-	-	-	-	-	-
12 Congo	1.0	150.0	172.4	4.82	100.0	87.2
13 Côte d'Ivoire	13.5	728.5	121.9	4.46	100.0	71.3
14 D.R. Congo	7.2	150.0	83.5	0.29	...	93.8
15 Djibouti	0.1	3.0	93.7	0.47	100.0	23.2
16 Egypt	7.4	2'793.8	227.9	4.33	100.0	29.4
17 Equatorial Guinea	0.1	15.0	200.7	3.19	...	68.5
18 Eritrea	-	-	-	-	-	-
19 Ethiopia	-	27.5	-	0.04	100.0	8.8
20 Gabon	6.8	150.0	85.7	11.89	100.0	80.1
21 Gambia	3.1	55.1	77.8	4.26	...	61.1
22 Ghana	12.8	243.8	80.4	1.21	99.6	49.9
23 Guinea	0.9	55.7	125.7	0.73	100.0	68.6
24 Guinea-Bissau	-	-	-	-	-	-
25 Kenya	2.8	600.0	192.0	1.92	99.9	66.0
26 Lesotho	1.3	57.0	114.3	2.64	100.0	72.7
27 Liberia	-	2.0	-	0.06	...	22.7
28 Libya	-	50.0	-	0.90	100.0	7.0
29 Madagascar	2.3	147.5	129.8	0.95	95.1	71.6
30 Malawi	3.7	55.7	72.0	0.54	100.0	50.5
31 Mali	1.2	45.3	107.2	0.44	...	47.0
32 Mauritania	-	110.5	-	4.23	...	81.6
33 Mauritius	20.8	272.4	67.2	22.70	73.4	47.0
34 Mayotte	-	-	-	-	-	-
35 Morocco	42.9	4'771.7	156.5	16.36	100.0	80.0
36 Mozambique	-	152.7	-	0.86	100.0	63.0
37 Namibia	6.6	106.6	74.2	5.84	100.0	47.6
38 Niger	-	2.1	-	0.02	-	8.9
39 Nigeria	14.0	400.0	95.5	0.34	-	40.0
40 Réunion	14.0	421.1	97.5	57.61	100.0	58.4
41 Rwanda	-	65.0	-	0.82	100.0	75.1
42 S. Tomé & Príncipe	-	-	-	-	-	-
43 Senegal	1.4	301.8	192.4	3.08	100.0	56.0
44 Seychelles	1.0	36.7	103.8	45.17	100.0	63.3
45 Sierra Leone	-	26.9	-	0.55	...	54.2
46 Somalia	-	85.0	-	0.87	...	70.8
47 South Africa	953.0	10'787.0	62.5	24.21	100.0	68.7
48 Sudan	2.2	103.8	116.2	0.32	100.0	18.8
49 Swaziland	-	55.0	-	5.39	100.0	62.0
50 Tanzania	9.0	427.0	116.2	1.27	100.0	74.2
51 Togo	-	95.0	-	2.00	100.0	66.3
52 Tunisia	6.5	389.2	126.7	4.02	96.6	26.9
53 Uganda	4.0	283.5	134.5	1.19	100.0	83.5
54 Zambia	2.7	121.2	113.7	1.15	97.6	58.6
55 Zimbabwe	-	314.0	-	2.73	100.0	55.3
Africa	1'165.9	25'874.2	85.9	3.23	95.7	54.8

	Cellular mobile subscribers					As % of total telephone subscribers 2001
	(k)		CAGR (%)	Per 100 inhabitants	% Digital	
	1996	2001	1996-01	2001	2001	
56 Antigua & Barbuda	1.3	25.0	80.6	32.29	...	40.2
57 Argentina	667.0	6'741.8	58.8	18.14	...	45.3
58 Aruba	3.0	53.0	77.6	50.00	...	58.8
59 Bahamas	4.9	60.6	65.0	19.72	...	32.9
60 Barbados	6.3	53.1	53.3	19.80	...	29.2
61 Belize	2.2	39.2	78.1	15.22	-	52.6
62 Bermuda	8.0	13.3	10.8	20.64	...	19.2
63 Bolivia	33.4	779.9	87.8	9.43	...	59.8
64 Brazil	2'498.2	28'745.8	63.0	16.73	95.5	43.4
65 Canada	3'497.8	10'649.0	24.9	34.20	70.5	33.5
66 Chile	319.5	5'271.6	75.2	34.23	...	60.2
67 Colombia	522.9	3'265.3	44.2	7.63	100.0	30.7
68 Costa Rica	46.5	326.9	47.7	8.21	95.2	25.7
69 Cuba	2.4	8.6	28.7	0.08	...	1.5
70 Dominica	0.5	7.7	75.7	10.79	100.0	24.9
71 Dominican Rep.	82.5	1'270.1	72.8	15.69	65.5	57.1
72 Ecuador	59.8	859.2	70.4	6.67	...	39.1
73 El Salvador	23.3	857.8	105.7	13.40	...	56.9
74 French Guiana	-	75.3	-	44.64	100.0	59.6
75 Grenada	0.6	6.4	62.3	6.41	...	16.4
76 Guadeloupe	-	292.5	-	67.87	...	58.2
77 Guatemala	43.4	1'146.4	92.5	9.81	56.9	60.3
78 Guyana	1.2	75.3	128.8	8.66	...	48.5
79 Haiti	-	91.5	-	1.11	...	53.4
80 Honduras	2.3	237.6	152.6	3.64	77.2	43.4
81 Jamaica	54.6	635.0	63.3	24.31	...	55.4
82 Martinique	-	286.1	-	73.97	100.0	62.5
83 Mexico	1'021.9	21'757.6	84.3	21.94	...	61.2
84 Neth. Antilles	14.0	30.0 [99]	29.0	13.97	...	[99] 27.5
85 Nicaragua	5.1	164.5	100.3	3.16	100.0	51.0
86 Panama	7.0	475.1	132.5	16.39	100.0	55.4
87 Paraguay	32.9	1'150.0	103.6	20.40	100.0	79.9
88 Peru	201.0	1'793.3	54.9	6.87	...	53.3
89 Puerto Rico	329.0	1'128.7	28.0	29.41	...	46.7
90 St. Kitts and Nevis	0.3	2.1	47.6	4.55	...	8.5
91 St. Lucia	1.4	2.7	14.0	1.71	...	5.1
92 St. Vincent	0.3	7.5	93.0	6.51	100.0	22.3
93 Suriname	2.4	87.0	104.8	18.50	100.0	52.9
94 Trinidad & Tobago	9.5	256.1	93.1	19.70	...	45.1
95 United States	44'043.0	128'374.5	23.9	45.03	80.0	40.1
96 Uruguay	78.6	520.0	45.9	16.19	...	35.4
97 Venezuela	581.7	6'472.6	61.9	26.18	...	70.5
98 Virgin Islands (US)	...	41.0	...	37.51	...	37.1
Americas	54'209.6	224'136.7	32.8	26.69	64.8	42.9

7. Cellular subscribers

WTI

		Cellular mobile subscribers				As % of total	
		(k)		CAGR	Per 100	%	
		1996	2001	(%)	inhabitants	Digital	
				1996-01	2001	2001	
						As % of total	
						telephone	
						subscribers	
						2001	
99	Afghanistan	-	-	-	-	-	-
100	Armenia	0.3	25.5	143.2	0.67	100.0	4.6
101	Azerbaijan	17.0	730.0	112.1	9.14	78.1	45.8
102	Bahrain	40.1	299.6	49.5	46.05	100.0	63.3
103	Bangladesh	4.0	520.0	164.7	0.40	80.8	47.9
104	Bhutan	-	-	-	-	-	-
105	Brunei Darussalam	43.5	137.0	25.8	40.06	100.0	60.8
106	Cambodia	23.1	223.5	57.4	1.66	96.7	87.0
107	China	6'853.0	144'820.0	84.1	11.03	100.0	44.5
108	D.P.R. Korea	-	-	-	-	-	-
109	Georgia	2.3	301.3	165.1	6.06	96.1	34.6
110	Hong Kong, China	1'361.9	5'776.4	33.5	85.90	100.0	59.7
111	India	328.0	6'431.5	81.3	0.63	100.0	14.3
112	Indonesia	562.5	6'520.9	63.2	3.12	98.0	47.5
113	Iran (I.R.)	60.0	2'087.4	103.4	3.23	100.0	16.1
114	Iraq	-	-	-	-	-	-
115	Israel	1'047.6	5'900.0	41.3	90.66	83.1	66.0
116	Japan	26'906.5	74'819.2	22.7	58.78	100.0	55.0
117	Jordan	24.1	865.6	104.7	16.70	100.0	56.7
118	Kazakhstan	9.8	582.0	126.3	3.62	93.1	23.1
119	Korea (Rep.)	3'181.0	29'045.6	55.6	61.35	100.0	53.0
120	Kuwait	151.1	877.9	42.2	38.59	100.0	65.0
121	Kyrgyzstan	-	27.0	-	0.55	55.0	6.5
122	Lao P.D.R.	3.8	29.5	50.8	0.55	100.0	36.0
123	Lebanon	198.0	766.8	31.1	22.89	104.3	55.1
124	Macao, China	44.8	194.5	34.1	44.53	100.0	52.4
125	Malaysia	1'520.3	7'385.2	37.2	30.90	96.8	61.1
126	Maldives	-	18.9	293.6	6.86	100.0	41.0
127	Mongolia	0.9	195.0	193.2	8.12	99.7	61.1
128	Myanmar	7.3	22.7	25.6	0.04	98.0	7.1
129	Nepal	-	17.3	-	0.08	100.0	5.5
130	Oman	12.9	324.5	90.5	13.10	100.0	58.5
131	Pakistan	68.0	742.6	61.3	0.52	71.4	18.6
132	Palestine	25.0	300.0	64.4	9.09	...	50.7
133	Philippines	959.0	12'159.2	66.2	15.54	87.2	78.6
134	Qatar	28.8	177.9	44.0	27.86	100.0	51.5
135	Saudi Arabia	190.7	2'528.6	67.7	11.82	100.0	43.9
136	Singapore	431.0	2'991.6	47.3	72.41	100.0	60.6
137	Sri Lanka	71.0	667.7	56.5	3.56	75.1	44.7
138	Syria	-	200.0	-	1.20	100.0	9.9
139	Taiwan, China	970.5	21'786.4	86.3	97.24	100.0	62.9
140	Tajikistan	0.1	1.6	74.1	0.03	...	0.7
141	Thailand	1'844.6	7'550.0	32.6	12.33	81.2	55.5
142	Turkmenistan	-	8.2	-	0.17	...	2.1
143	United Arab Emirates	193.8	1'909.3	58.0	54.74	100.0	64.5
144	Uzbekistan	9.5	128.0	68.2	0.51	...	7.1
145	Viet Nam	68.9	1'251.2	78.6	1.54	99.3	29.1
146	Yemen	8.8	152.0	76.8	0.81	78.9	26.4
	Asia	47'273.6	341'499.1	48.5	9.27	98.4	46.9

	Cellular mobile subscribers					As % of total telephone subscribers 2001
	(k)		CAGR	Per 100	%	
	1996	2001	(%) 1996-01	inhabitants 2001	Digital 2001	
147 Albania	2.3	392.6	179.5	12.72	100.0	66.5
148 Andorra	5.5	29.4	39.9	36.85	100.0	46.0
149 Austria	598.7	6'541.0	61.3	81.10	100.0	62.1
150 Belarus	6.5	138.3	84.1	1.39	85.7	4.6
151 Belgium	478.2	7'697.0	74.3	74.66	100.0	60.0
152 Bosnia	1.5	444.7	212.2	11.71	41.0	34.4
153 Bulgaria	26.6	1'550.0	125.5	19.64	85.2	34.9
154 Croatia	64.9	1'755.0	93.4	40.12	...	49.6
155 Cyprus	70.8	314.4	34.7	45.59	75.3	42.0
156 Czech Republic	200.3	6'947.2	103.2	67.95	99.3	64.3
157 Denmark	1'316.6	3'960.2	24.6	73.95	99.5	50.6
158 Estonia	69.5	651.2	56.4	45.54	100.0	56.3
159 Faroe Islands	3.3	24.5	49.6	54.35	93.1	51.4
160 Finland	1'502.0	4'175.6	22.7	80.38	99.1	59.8
161 France	2'462.7	36'997.4	71.9	62.35	100.0	52.0
162 Germany	5'512.0	56'126.0	59.1	68.08	100.0	51.8
163 Greece	532.0	7'963.7	71.8	75.16	100.0	58.7
164 Greenland	4.1	16.7	32.4	29.86	...	39.0
165 Guernsey	4.6	31.5	47.0	56.10	100.0	36.5
166 Hungary	473.1	4'967.4	60.0	48.82	99.1	57.0
167 Iceland	46.8	248.1	39.6	86.46	89.2	55.8
168 Ireland	288.6	2'970.0	59.4	77.37	100.0	61.5
169 Italy	6'422.0	51'246.0	51.5	88.33	96.6	65.2
170 Jersey	6.6	61.4	56.4	70.44	100.0	45.4
171 Latvia	28.5	656.8	87.3	27.94	99.1	47.6
172 Lithuania	51.0	1'018.0	82.0	29.19	...	46.9
173 Luxembourg	45.0	409.1	55.5	93.07	100.0	54.1
174 Malta	12.5	239.4	80.5	61.08	100.0	53.5
175 Moldova	0.9	225.0	200.4	6.20	...	26.0
176 Netherlands	1'016.0	12'200.0	64.4	75.75	100.0	59.9
177 Norway	1'261.4	3'766.4	24.5	83.25	98.1	61.7
178 Poland	216.9	10'004.7	115.2	25.90	93.6	46.7
179 Portugal	663.7	7'977.5	64.4	77.19	100.0	65.0
180 Romania	17.0	3'845.1	195.7	17.17	98.8	48.3
181 Russia	223.0	7'750.5	103.3	5.28	58.8	18.9
182 Serbia and Montenegro	14.8	1'997.8	166.7	18.71	88.3	45.0
183 Slovak Republic	28.7	2'147.3	137.1	39.92	99.4	58.0
184 Slovenia	41.2	1'470.1	104.4	73.69	...	64.7
185 Spain	2'997.6	29'655.7	58.1	72.13	35.0	62.8
186 Sweden	2'492.0	7'178.0	23.6	80.56	98.0	51.7
187 Switzerland	662.7	5'275.8	51.4	72.82	100.0	49.5
188 TFYR Macedonia	1.1	223.3	191.7	10.92	100.0	29.3
189 Turkey	806.3	19'572.9	89.2	28.56	93.1	50.9
190 Ukraine	30.0	2'224.6	136.6	4.57	...	17.3
191 United Kingdom	7'248.4	46'283.0	44.9	77.04	100.0	57.2
Europe	37'957.9	359'370.5	56.8	44.97	90.5	52.9

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		<i>Cellular mobile subscribers</i>					<i>As % of total telephone subscribers</i>
		<i>(k)</i>		<i>CAGR (%)</i>	<i>Per 100 inhabitants</i>	<i>% Digital</i>	
		<i>1996</i>	<i>2001</i>	<i>1996-01</i>	<i>2001</i>	<i>2001</i>	<i>2001</i>
192	Australia	3'990.0	11'132.0	22.8	57.34	100.0	51.5
193	Fiji	3.7	80.9	85.3	9.95	100.0	46.7
194	French Polynesia	2.7	67.3	90.0	27.94	100.0	55.8
195	Guam	5.8	32.6	41.2	20.74	...	29.0
196	Kiribati	-	0.4	-	0.46	-	9.8
197	Marshall Islands	0.4	0.5	6.0	0.93	...	10.5
198	Micronesia	-	-	-	-	-	-
199	New Caledonia	2.1	67.9	101.2	30.97	100.0	57.3
200	New Zealand	492.8	2'288.0	35.9	58.96	77.9	55.7
201	Northern Marianas	...	3.0 [00]	...	4.41	...	12.5
202	Papua New Guinea	2.3	10.7	36.2	0.20	-	14.7
203	Samoa	-	2.5	-	1.40	-	20.5
204	Solomon Islands	0.3	1.0	23.5	0.22	-	11.6
205	Tonga	0.3	0.2	-4.8	0.24	100.0	2.1
206	Vanuatu	0.2	0.3	17.8	0.18	-	4.9
Oceania		4'500.5	13'687.4	24.9	43.81	95.9	51.8

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	<i>(k)</i>		<i>CAGR</i>	<i>Per 100</i>	<i>%</i>	
	<i>1996</i>	<i>2001</i>	<i>(%)</i>	<i>inhabitants</i>	<i>Digital</i>	
			<i>1996-01</i>	<i>2001</i>	<i>2001</i>	
WTI	145'107.4	964'567.9	46.1	15.67	87.5	48.1
Africa	1'151.9	25'366.1	85.6	3.22	95.9	54.7
Americas	53'855.6	222'216.7	32.8	26.63	65.2	42.8
Asia	47'273.6	341'499.1	48.5	9.45	98.4	47.0
Europe	37'933.8	359'206.9	56.8	44.97	90.5	52.9
Oceania	4'494.7	13'651.4	24.9	44.29	96.2	52.0

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.