

## Cellular subscribers

World

	Cellular mobile subscribers					As % of total telephone subscribers 1999
	(k)		CAGR (%)	Per 100 inhabitants	% Digital	
	1995	1999	1995-99	1999	1999	
1 Algeria	4.7	72.0	97.9	0.24	75.0	4.3
2 Angola	2.0	24.0	86.3	0.19	31.3	26.3
3 Benin	1.1	7.3	62.2	0.12	-	14.3
4 Botswana	-	120.0	-	7.45	100.0	49.2
5 Burkina Faso	-	5.0	-	0.05	100.0	9.6
6 Burundi	0.6	0.8	9.1	0.01	-	4.0
7 Cameroon	2.8	6.0	21.0	0.04	100.0	6.0
8 Cape Verde	-	8.1	-	1.88	100.0	14.7
9 Central African Rep.	-	4.2	211.9	0.12	-	29.7
10 Chad	-	-	-	-	-	-
11 Comoros	-	-	-	-	-	-
12 Congo	-	5.0	-	0.17	...	18.5
13 Côte d'Ivoire	-	257.1	-	1.77	100.0	54.0
14 D.R. Congo	8.5	12.0	9.0	0.02	...	37.5
15 Djibouti	-	0.3	-	0.04	-	3.1
16 Egypt	7.4	481.0	184.2	0.77	98.5	9.3
17 Equatorial Guinea	-	0.6	-	0.14	...	9.4
18 Eritrea	-	-	-	-	-	-
19 Ethiopia	-	6.7	-	0.01	100.0	3.3
20 Gabon	4.0	8.9	22.1	0.74	100.0	19.0
21 Gambia	1.4	5.3	38.5	0.42	-	15.4
22 Ghana	6.2	70.0	83.3	0.36	...	30.6
23 Guinea	0.9	25.2	126.9	0.32	99.0	54.5
24 Guinea-Bissau	-	-	-	-	-	-
25 Kenya	2.3	23.8	79.7	0.08	82.8	7.2
26 Lesotho	-	15.7	-	0.74	100.0	42.1
27 Libya	-	30.0	-	0.55	100.0	5.2
28 Madagascar	1.3	35.8	129.0	0.23	76.4	41.6
29 Malawi	0.4	22.5	177.0	0.22	100.0	35.2
30 Mali	-	6.4	-	0.06	-	15.9
31 Mauritania	-	-	-	-	-	-
32 Mauritius	11.7	102.1	71.8	8.70	42.5	28.4
33 Mayotte	-	-	-	-	-	-
34 Morocco	29.5	369.2	88.1	1.32	98.6	20.1
35 Mozambique	-	12.2	-	0.06	100.0	13.6
36 Namibia	3.5	30.0	71.1	1.77	100.0	21.7
37 Niger	-	1.7	-	0.02	-	8.2
38 Nigeria	13.0	25.0	17.8	0.02	-	5.3
39 Rwanda	-	11.0	-	0.15	100.0	46.5
40 S. Tomé & Príncipe	-	-	-	-	-	-
41 Senegal	0.1	87.9	418.1	0.95	100.0	34.6
42 Seychelles	0.1	16.3	325.0	20.29	100.0	45.4
43 Sierra Leone	-	-	-	-	-	-
44 South Africa	535.0	5'269.0	77.2	12.24	100.0	49.0
45 Sudan	-	13.0	-	0.05	100.0	4.9
46 Swaziland	-	14.0	-	1.43	100.0	30.9
47 Tanzania	3.5	51.0	95.3	0.16	26.9	25.4
48 Togo	-	17.0	-	0.38	100.0	30.8
49 Tunisia	3.2	55.3	104.1	0.58	78.4	6.1
50 Uganda	1.7	56.4	138.3	0.26	100.0	49.6
51 Zambia	1.5	28.2	106.6	0.31	...	25.3
52 Zimbabwe	-	174.0	-	1.51	100.0	42.1
<b>Africa</b>	<b>646.5</b>	<b>7'586.7</b>	<b>85.1</b>	<b>1.01</b>	<b>95.6</b>	<b>29.3</b>
53 Antigua & Barbuda	...	8.5	...	11.38	...	18.9
54 Argentina	340.7	4'434.0	89.9	12.50	...	37.6
55 Aruba	1.7	12.0	62.6	12.21	...	24.7
56 Bahamas	4.1	15.9	40.4	5.28	...	12.5
57 Barbados	4.6	20.3	44.8	7.54	...	15.0
58 Belize	1.5	6.6	43.7	2.80	-	15.4
59 Bermuda	6.3	12.6	[98] 25.7	19.64	-	[98] 19.0
60 Bolivia	10.0	420.3	154.6	5.16	...	45.5
61 Brazil	1'285.5	15'032.7	84.9	8.95	75.7	37.6
62 Canada	2'589.8	6'911.0	27.8	23.40	37.5	25.6
63 Chile	197.3	2'260.7	84.0	15.05	...	42.1
64 Colombia	274.6	1'966.5	63.6	4.73	...	22.8
65 Costa Rica	18.8	138.7	64.9	3.53	-	14.7
66 Cuba	1.9	5.1	27.6	0.05	...	1.2
67 Dominica	-	0.8	-	1.05	...	3.6
68 Dominican Rep.	56.0	424.4	65.9	5.08	11.1	33.9

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	1995	1999	1995-99	1999	1999	
69 Ecuador	54.4	383.2	62.9	3.09	...	25.3
70 El Salvador	13.5	511.4	148.2	8.31	...	50.9
71 Grenada	0.4	2.0	49.8	2.15	-	6.4
72 Guadeloupe	-	88.1	-	20.85	...	30.5
73 Guatemala	30.0	337.8	83.2	3.05	50.8	35.6
74 Guyana	1.2	2.8	22.7	0.40	-	4.2
75 Haiti	-	25.0	-	0.31	...	26.3
76 Honduras	-	78.6	-	1.24	-	22.0
77 Jamaica	45.1	144.4	33.7	5.64	...	22.9
78 Martinique	-	102.0	-	26.74	100.0	37.2
79 Mexico	688.5	7'731.6	83.1	7.94	...	41.4
80 Nicaragua	4.4	44.2	78.1	0.90	100.0	22.7
81 Panama	-	232.9	-	8.27	100.0	33.5
82 Paraguay	15.8	435.6	129.1	8.13	99.9	61.9
83 Peru	73.5	1'013.3	92.7	4.02	...	37.5
84 Puerto Rico	287.0	813.8	29.8	20.92	...	38.6
85 St. Kitts and Nevis	...	0.7	...	1.81	-	3.4
86 St. Vincent	0.2	1.4	60.3	1.25	7.0	5.7
87 Suriname	1.7	17.5	79.5	4.07	88.6	19.8
88 Trinidad & Tobago	6.4	38.7	57.1	2.99	...	12.2
89 United States	33'785.7	86'047.0	26.3	30.96	...	31.9
90 Uruguay	39.9	316.1	67.8	9.54	...	26.1
91 Venezuela	403.8	3'784.7	75.0	15.97	...	59.7
92 Virgin Islands (US)	...	30.0	...	25.08	...	30.9
<b>Americas</b>	<b>40'244.4</b>	<b>133'853.1</b>	<b>35.0</b>	<b>16.38</b>	<b>11.2</b>	<b>33.1</b>
93 Armenia	-	8.2	-	0.23	99.8	1.5
94 Azerbaijan	6.0	370.0	180.2	4.81	85.9	33.6
95 Bahrain	27.6	133.5	48.3	20.07	100.0	44.7
96 Bangladesh	2.5	149.0	177.9	0.12	65.1	25.6
97 Bhutan	-	-	-	-	-	-
98 Brunei Darussalam	35.9	66.0	16.5	20.52	...	45.5
99 Cambodia	14.1	89.1	58.6	0.73	71.3	76.3
100 China	3'629.0	43'296.0	85.9	3.42	88.4	28.5
101 Georgia	0.1	102.5	411.3	1.88	94.6	13.2
102 Hongkong, China	798.4	4'275.0	52.1	64.72	100.0	52.5
103 India	76.7	1'884.3	122.6	0.19	100.0	6.6
104 Indonesia	210.6	2'221.0	80.2	1.08	95.6	26.8
105 Iran (I.R.)	15.9	490.5	135.7	0.78	100.0	5.5
106 Israel	445.5	2'880.0	59.5	47.18	77.6	50.0
107 Japan	11'712.1	56'845.6	48.4	44.88	99.9	44.6
108 Jordan	12.4	118.4	75.8	2.42	100.0	17.3
109 Kazakhstan	4.6	49.5	81.1	0.30	52.5	2.7
110 Korea (Rep.)	1'641.3	23'442.7	94.4	51.30	100.0	53.3
111 Kuwait	117.6	300.0	26.4	15.82	73.3	39.7
112 Kyrgyzstan	-	2.6	-	0.05	...	0.7
113 Lao P.D.R.	1.5	12.1	67.4	0.24	100.0	25.6
114 Lebanon	120.0	627.0	51.2	19.38	100.0	49.1
115 Macao, China	35.9	118.1	34.7	27.00	73.3	39.8
116 Malaysia	1'005.1	2'990.0	31.3	13.70	84.9	40.3
117 Maldives	-	2.9	-	1.11	94.9	11.7
118 Mongolia	-	34.6	-	1.47	74.0	25.1
119 Myanmar	2.8	11.4	42.4	0.03	96.6	4.4
120 Nepal	-	5.5	-	0.03	100.0	2.1
121 Oman	8.1	124.1	98.1	5.04	...	36.0
122 Pakistan	41.0	278.8	61.5	0.21	28.7	8.5
123 Palestine	20.0	117.0	55.5	3.78	...	35.6
124 Philippines	493.9	2'850.0	55.0	3.83	46.0	49.6
125 Qatar	18.5	84.4	46.2	14.32	96.4	35.3
126 Saudi Arabia	16.0	836.6	168.9	4.00	100.0	23.6
127 Singapore	306.0	1'630.8	51.9	41.28	100.0	46.5
128 Sri Lanka	51.3	256.7	49.5	1.40	18.0	27.6
129 Syria	-	4.0	-	0.02	75.0	0.2
130 Taiwan, China	772.2	11'541.1	96.6	52.24	97.3	48.9
131 Tajikistan	-	0.6	-	0.01	-	0.3
132 Thailand	1'297.8	2'339.4	15.9	3.90	44.1	31.0
133 Turkmenistan	-	4.0	-	0.09	...	1.1
134 United Arab Emirates	129.0	832.3	59.4	34.71	100.0	46.0
135 Uzbekistan	3.7	40.4	81.4	0.17	...	2.5
136 Viet Nam	23.5	328.7	93.4	0.42	78.4	13.5

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	1995	1999	1995-99	1999	1999	
137 Yemen	8.3	27.7	35.3	0.16	-	8.9
<b>Asia</b>	<b>23'104.7</b>	<b>161'822.0</b>	<b>62.7</b>	<b>4.63</b>	<b>93.5</b>	<b>35.4</b>
138 Albania	-	11.0	-	0.29	100.0	7.3
139 Andorra	2.8	20.6	64.3	27.43	100.0	38.0
140 Austria	383.5	4'250.4	82.5	51.98	95.2	52.4
141 Belarus	5.9	23.5	41.2	0.23	28.8	0.9
142 Belgium	235.3	3'186.6	91.8	31.12	100.0	37.9
143 Bosnia	-	52.5	-	1.37	100.0	12.5
144 Bulgaria	20.9	350.0	102.2	4.23	57.1	11.0
145 Croatia	33.7	295.0	72.0	6.59	...	15.3
146 Cyprus	44.5	151.6	35.9	22.53	96.8	26.3
147 Czech Republic	48.9	1'944.6	151.1	18.95	96.5	33.8
148 Denmark	822.3	2'628.6	33.7	49.47	95.9	41.9
149 Estonia	30.5	387.0	88.8	26.83	97.7	42.9
150 Finland	1'039.1	3'273.4	33.2	63.38	93.9	53.5
151 France	1'302.5	21'433.5	101.4	36.56	100.0	38.7
152 Germany	3'725.0	23'446.0	58.4	28.54	99.3	32.7
153 Greece	273.0	3'904.0	94.5	36.74	100.0	41.0
154 Greenland	2.1	13.5	60.2	24.11	37.4	34.5
155 Guernsey	2.4	15.3	59.7	24.51	100.0	23.2
156 Hungary	265.0	1'628.2	57.4	16.21	94.0	30.4
157 Iceland	30.9	172.6	53.8	61.93	84.3	47.8
158 Ireland	158.0	1'655.0	79.9	44.20	90.3	48.3
159 Italy	3'923.0	30'296.0	66.7	52.83	89.5	53.3
160 Jersey	4.4	24.6	54.2	28.52	100.0	25.9
161 Latvia	15.0	274.3	106.8	11.25	95.6	27.3
162 Lithuania	14.8	332.0	117.6	8.98	94.6	22.4
163 Luxembourg	26.8	209.2	67.1	48.01	99.9	40.2
164 Malta	10.8	37.5	36.6	9.72	127.0	16.0
165 Moldova	-	18.0	498.8	0.41	94.4	3.1
166 Netherlands	539.0	6'745.5	88.1	42.52	100.0	41.2
167 Norway	981.3	2'744.8	29.3	61.29	92.1	46.4
168 Poland	75.0	3'956.5	169.5	10.21	96.7	28.0
169 Portugal	340.8	4'671.5	92.4	46.73	100.0	52.5
170 Romania	9.1	1'355.5	249.7	6.05	99.0	26.6
171 Russia	88.5	1'370.6	98.4	0.93	...	4.2
172 Slovak Republic	12.3	664.1	171.0	12.30	92.4	28.6
173 Slovenia	27.3	631.4	119.3	31.75	93.3	46.0
174 Spain	945.0	12'300.0	89.9	30.60	94.4	42.7
175 Sweden	2'008.0	5'165.0	26.6	58.29	94.4	44.2
176 Switzerland	447.2	3'057.5	61.7	42.68	100.0	37.6
177 TFYR Macedonia	-	48.7	-	2.42	98.0	9.4
178 Turkey	437.1	8'121.5	107.6	12.62	98.5	31.0
179 Ukraine	14.0	216.6	98.3	0.43	...	2.1
180 United Kingdom	5'735.8	27'185.0	47.5	45.69	97.7	44.3
181 Yugoslavia	-	605.7	-	5.69	98.5	21.0
<b>Europe</b>	<b>24'081.3</b>	<b>178'874.5</b>	<b>65.1</b>	<b>22.48</b>	<b>95.3</b>	<b>36.7</b>
182 Australia	2'242.0	6'315.0	29.5	33.35	89.3	39.3
183 Fiji	2.2	23.4	80.6	2.92	100.0	22.3
184 French Polynesia	1.1	21.9	109.0	9.56	100.0	29.6
185 Guam	5.0	20.0	41.7	13.11	-	20.5
186 Kiribati	-	0.2	-	0.24	-	6.1
187 Marshall Islands	0.3	0.4	13.8	0.87	...	10.2
188 Micronesia	-	-	-	-	-	-
189 New Caledonia	0.8	25.4	135.7	12.12	100.0	33.4
190 New Zealand	365.0	1'395.0	39.8	37.17	60.8	43.2
191 Northern Marianas	1.2	2.9	24.7	5.59	...	12.4
192 Papua New Guinea	-	7.1	-	0.14	-	10.6
193 Samoa	-	2.4	-	1.39	-	22.2
194 Solomon Islands	0.2	1.1	47.6	0.27	-	11.8
195 Tonga	0.3	0.1	-17.3	0.14	100.0	1.5
196 Vanuatu	0.1	0.3	25.5	0.16	-	5.2
<b>Oceania</b>	<b>2'618.3</b>	<b>7'815.3</b>	<b>31.4</b>	<b>25.85</b>	<b>83.9</b>	<b>39.5</b>
<b>World</b>	<b>90'695.2</b>	<b>489'951.6</b>	<b>52.5</b>	<b>8.32</b>	<b>71.5</b>	<b>35.1</b>