

Cellular subscribers

World

	Cellular mobile subscribers			As % of total		% Digital
	(k)		CAGR (%)	Per 100 inhabitants	telephone subscribers	
	1997	1998	1997-98	1998	1998	
1 Algeria	17.4	18.0	3.4	0.06	1.2	-
2 Angola	7.1	9.8	39.3	0.08	12.0	-
3 Benin	4.3	6.3	46.4	0.11	14.1	-
4 Botswana	-	23.0	-	1.46	18.4	100.0
5 Burkina Faso	1.5	2.7	81.6	0.02	6.2	100.0
6 Burundi	0.6	0.6	0.2	0.01	3.4	-
7 Cameroon	4.2	4.2 [97]	...	0.03	5.3 [97]	100.0 [97]
8 Cape Verde	-	1.0	5'000.0	0.25	2.5	100.0
9 Central African Rep.	0.6	0.7	24.6	0.02	6.9	-
10 Chad	-	-	-	-	-	-
11 Comoros	-	-	-	-	-	-
12 Congo	1.0 [96]	3.4	84.1	0.12	13.4	100.0
13 Côte d'Ivoire	36.0	91.2	153.4	0.64	34.9	100.0
14 D.R. Congo	8.9	10.0	12.4	0.02	33.3	...
15 Djibouti	0.2	0.2	8.4	0.04	2.7	-
16 Egypt	65.4	90.8	38.9	0.14	2.2	92.0
17 Equatorial Guinea	0.3	0.3	-1.0	0.07	5.1	-
18 Eritrea	-	-	-	-	-	-
19 Ethiopia	-	-	-	-	-	-
20 Gabon	9.5	9.7	2.0	0.83	20.0	100.0
21 Gambia	4.7	5.0	6.6	0.41	16.5	-
22 Ghana	21.9	41.8	90.9	0.22	22.5	...
23 Guinea	2.9	21.6	652.0	0.28	37.0	84.3 [97]
24 Guinea-Bissau	-	-	-	-	-	-
25 Kenya	5.3	6.8	27.6	0.02	2.3	67.1 [97]
26 Lesotho	3.5	9.8	180.9	0.48	32.8	100.0
27 Liberia	-	-	-	-	-	-
28 Libya	10.0	20.0	100.0	0.36	3.8	100.0
29 Madagascar	4.1	12.8	211.8	0.08	21.3	76.3
30 Malawi	7.0	10.5	50.0	0.10	21.9	100.0
31 Mali	2.8	4.5	57.4	0.04	14.3	-
32 Mauritania	-	-	-	-	-	-
33 Mauritius	37.0	60.5	63.5	5.28	19.8	43.3
34 Mayotte	-	-	-	-	-	-
35 Morocco	74.5	116.6	56.6	0.42	7.2	95.5
36 Mozambique	2.5	6.7	169.0	0.04	8.2	100.0
37 Namibia	12.5	19.5	56.0	1.17	15.6	100.0
38 Niger	0.1	1.3	1'276.5	0.01	6.9	-
39 Nigeria	15.0	20.0	33.3	0.02	4.7	-
40 Réunion	26.7	50.3	88.4	7.38	17.2	100.0
41 Rwanda	-	5.0	-	0.08	31.6	100.0
42 S. Tomé & Príncipe	-	-	-	-	-	-
43 Senegal	6.9	22.1	218.5	0.25	13.7	100.0
44 Seychelles	2.6	3.8	45.7	4.98	16.7	100.0
45 Sierra Leone	-	-	-	-	-	-
46 Somalia	-	-	-	-	-	-
47 South Africa	1'600.0	2'500.0	56.3	6.14	33.0	100.0
48 Sudan	3.8	8.6	126.3	0.03	5.0	100.0
49 Swaziland	-	4.7	-	0.49	13.9	100.0
50 Tanzania	20.2	37.9	87.8	0.12	23.8	31.6
51 Togo	3.0	7.5	150.4	0.17	19.3	100.0
52 Tunisia	7.7	39.0	409.4	0.42	4.9	78.5
53 Uganda	5.0	30.0	500.0	0.15	34.5	100.0
54 Zambia	3.8	5.2	37.6	0.06	6.2	-
55 Zimbabwe	11.3	55.0	386.7	0.48	20.6	100.0
Africa	2'051.7	3'398.6	65.6	0.45	16.8	95.2
56 Antigua & Barbuda	1.3 [96]	1.5	7.4	2.06	4.2	...
57 Argentina	1'588.0	2'530.0	59.3	7.00	26.2	...
58 Aruba	3.4	5.4	58.1	5.72	13.9	...
59 Bahamas	6.2	8.1	31.2	2.73	7.1	12.0
60 Barbados	8.0	12.0	49.8	4.48	9.6	-
61 Belize	3.0	3.4	13.7	1.49	9.8	-
62 Bermuda	8.0 [96]	12.6	25.5	19.64	19.0	-
63 Bolivia	118.4	239.3	102.0	3.01	34.6	- [97]
64 Brazil	4'550.0	7'760.6	70.6	4.68	28.0	35.2
65 Canada	4'266.0	5'320.0	24.7	17.59	21.7	...
66 Chile	409.7	964.2	135.3	6.50	24.0	- [97]
67 Colombia	1'264.8	1'800.2	42.3	4.56	22.0	-
68 Costa Rica	64.4	108.8	68.9	2.83	14.1	85.5
69 Cuba	3.0	4.1	35.5	0.04	1.0	-
70 Dominica	0.5 [96]	0.7	18.7	0.86	3.1	100.0

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	1997	1998	1997-98	1998	1998	
71 Dominican Rep.	133.5	255.9	91.7	3.11	25.1	...
72 Ecuador	126.5	242.8	91.9	1.99	19.7	55.0
73 El Salvador	40.2	106.1	164.2	1.76	18.0	-
74 French Guyana	-	4.0	-	2.40	7.9	100.0
75 Grenada	1.0	1.4	44.5	1.53	4.9	-
76 Guadeloupe	... [95]	14.2	...	3.21	6.7	...
77 Guatemala	64.2	111.4	73.6	1.03	17.7	-
78 Guyana	1.4	1.5	3.9	0.17	2.4	-
79 Haiti	-	10.0	-	0.13	13.3	- [97]
80 Honduras	14.4	34.9	141.9	0.56	12.3	-
81 Jamaica	66.0	78.6	19.1	3.10	14.3	...
82 Martinique	15.0	55.0	266.7	14.14	24.2	100.0
83 Mexico	1'740.8	3'349.5	92.4	3.50	25.2	...
84 Neth. Antilles	14.0 [96]	16.0	7.0	7.52	17.0	-
85 Nicaragua	7.9	31.0	291.9	0.66	18.1	64.5
86 Panama	17.0	80.0	370.6	2.89	16.0	100.0
87 Paraguay	84.2	231.5	174.8	4.43	44.5	- [97]
88 Peru	435.7	743.0	70.5	3.00	32.3	...
89 Puerto Rico	367.0	580.0	58.0	15.03	31.5	...
90 St. Kitts and Nevis	0.2	0.4	114.6	1.13	2.3	-
91 St. Lucia	1.6	1.9	18.8	1.25	4.5	-
92 St. Vincent	0.3	0.8	116.8	0.67	3.4	...
93 Suriname	2.3	6.0	166.0	1.45	8.2	39.4
94 Trinidad & Tobago	17.5	26.3	49.8	2.05	9.1	10.0
95 United States	55'312.3	69'209.3	25.1	25.44	27.8	28.9
96 Uruguay	99.3	154.5	55.6	4.70	15.8	...
97 Venezuela	1'071.9	2'015.0	88.0	8.67	42.6	...
98 Virgin Islands (US)	16.0	25.0	56.3	21.13	27.8	...
Americas	71'944.9	96'156.8	33.6	11.95	27.1	28.8
99 Afghanistan	-	-	-	-	-	-
100 Armenia	5.0	7.0	40.0	0.20	1.2	100.0
101 Azerbaijan	40.0	65.0	62.5	0.85	8.7	83.1
102 Bahrain	58.5	92.1	57.3	14.34	36.9	100.0
103 Bangladesh	26.0	75.0	188.5	0.06	16.6	67.7
104 Bhutan	-	-	-	-	-	-
105 Brunei Darussalam	45.0	49.1	9.2	15.60	38.7	...
106 Cambodia	33.6	61.3	82.8	0.57	75.4	88.7
107 China	13'233.0	23'863.0	80.3	1.90	21.4	72.3
108 D.P.R. Korea	-	-	-	-	-	-
109 Georgia	30.0	60.0	100.0	1.10	8.7	100.0
110 Hongkong Sar	2'229.9	3'174.4	42.4	47.47	46.0	100.0
111 India	881.8	1'195.4	35.6	0.12	5.2	100.0
112 Indonesia	916.2	1'065.8	16.3	0.52	16.1	88.3
113 Iran (I.R.)	238.9	390.0	63.2	0.59	5.0	100.0
114 Iraq	-	-	-	-	-	-
115 Israel	1'672.4	2'147.0	28.4	35.88	43.2	76.7
116 Japan	38'253.9	47'307.6	23.7	37.40	43.1	99.2
117 Jordan	42.1	70.5	67.5	1.15	12.1	100.0
118 Kazakhstan	11.2	29.7	165.1	0.18	1.6	-
119 Korea (Rep.)	6'878.8	14'018.6	103.8	30.19	41.1	96.0
120 Kuwait	210.0	250.0	19.0	13.80	36.9	72.0
121 Kyrgyzstan	-	1.4	-	0.03	0.4	- [97]
122 Lao P.D.R.	4.9	6.5	31.3	0.12	18.5	100.0
123 Lebanon	425.0	500.0	17.6	15.67	44.6	100.0
124 Macau	50.6	65.3	29.0	15.17	27.3	89.5
125 Malaysia	2'000.0	2'200.0	10.0	10.11	33.4	72.7
126 Maldives	1.3	1.6	24.0	0.58	7.4	-
127 Mongolia	2.0	5.3	165.0	0.21	5.2	100.0
128 Myanmar	8.5	8.5	0.3	0.02	3.6	92.4
129 Nepal	-	-	-	-	-	-
130 Oman	59.8	103.0	72.2	4.33	31.9	89.1 [97]
131 Pakistan	110.0	202.0	83.6	0.15	6.8	30.7
132 Philippines	1'343.6	1'733.7	29.0	2.38	40.8	46.6
133 Qatar	43.5	65.8	51.3	11.36	30.4	94.4
134 Saudi Arabia	332.1	627.3	88.9	3.11	17.9	97.5
135 Singapore	848.6	1'094.7	29.0	34.60	38.1	98.7
136 Sri Lanka	114.9	174.2	51.6	0.94	25.0	15.8 [97]
137 Syria	-	-	-	-	-	-
138 Taiwan-China	1'491.6	4'727.0	216.9	21.56	29.1	66.6
139 Tajikistan	0.3	0.4	31.3	0.01	0.2	-
140 Thailand	2'203.9	1'957.2	-11.2	3.25	28.0	30.1

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	1997	1998	1997-98	1998	1998	
141 Turkmenistan	2.5	3.0	20.0	0.07	0.8	...
142 United Arab Emirates	309.4	493.3	59.4	20.96	35.0	96.9
143 Uzbekistan	17.2	26.8	55.7	0.11	1.7	...
144 Viet Nam	133.9	187.0	39.6	0.24	8.6	95.2
145 West Bank and Gaza	40.0	40.0 [97]	...	1.45	26.3 [97]	- [97]
146 Yemen	8.8	18.0	104.3	0.11	6.7	-
Asia	74'358.8	108'163.6	45.5	3.07	29.5	87.8
147 Albania	3.3	5.6	69.7	0.15	4.6	100.0
148 Andorra	8.6	14.1	63.8	18.82	29.9	100.0
149 Austria	1'159.7	2'030.0	75.0	24.94	33.7	90.1
150 Belarus	8.2	12.2	48.8	0.12	0.5	-
151 Belgium	974.5	1'756.3	80.2	17.32	25.7	99.5
152 Bosnia	9.0	25.2	179.8	0.69	7.0	100.0
153 Bulgaria	70.0	127.0	81.4	1.52	4.4	39.4
154 Croatia	120.4	182.5	51.6	4.07	10.5	61.4
155 Cyprus	92.0	116.4	26.6	15.67	22.3	92.9
156 Czech Republic	526.3	965.5	83.4	9.39	20.5	93.4
157 Denmark	1'444.0	1'931.1	33.7	36.44	35.6	91.5
158 Estonia	144.2	247.0	71.3	17.04	33.1	94.3
159 Faroe Islands	4.7	6.5	38.6	14.75	21.3	-
160 Finland	2'162.6	2'946.9	36.3	57.11	50.8	88.2
161 France	5'817.3	11'210.1	92.7	18.78	24.7	98.3
162 Germany	8'276.0	13'913.0	68.1	16.96	23.0	97.4
163 Greece	937.7	2'057.0	119.4	19.41	27.1	100.0
164 Greenland	6.5	8.9	37.3	15.88	26.3	3.3
165 Guernsey	7.8	11.7	49.8	18.81	19.5	100.0
166 Hungary	705.8	1'070.2	51.6	10.50	23.8	91.3
167 Iceland	65.4	91.5	39.9	33.14	33.9	71.5
168 Ireland	533.0	946.0	77.5	25.70	37.2	81.1
169 Italy	11'737.9	20'489.0	74.6	35.72	44.1	82.6
170 Jersey	12.0	18.3	52.1	19.96	21.0	100.0
171 Latvia	77.1	167.5	117.2	6.81	18.4	91.8
172 Lithuania	165.3	267.6	61.9	7.23	19.4	94.9
173 Luxembourg	67.2	130.5	94.2	30.80	30.8	100.0
174 Malta	17.7	22.5	27.4	5.87	10.5	42.6
175 Moldova	2.2	7.0	218.2	0.16	1.1	50.0
176 Netherlands	1'717.0	3'351.0	95.2	21.28	26.4	97.3
177 Norway	1'676.8	2'106.4	25.6	47.38	41.8	85.3
178 Poland	812.2	1'928.0	137.4	4.98	18.0	92.8
179 Portugal	1'507.0	3'075.6	104.1	30.89	42.8	99.9
180 Romania	201.0	643.0	219.9	2.86	15.2	98.1
181 Russia	484.9	747.2	54.1	0.51	2.5	50.5
182 Slovak Republic	200.1	465.4	132.5	8.65	23.2	94.6
183 Slovenia	93.6	161.6	72.6	8.11	17.6	73.6
184 Spain	4'337.7	7'051.3	62.6	17.91	30.2	87.3
185 Sweden	3'169.0	4'108.0	29.6	46.40	40.8	87.8
186 Switzerland	1'044.4	1'672.3	60.1	23.48	25.8	97.5
187 TFYR Macedonia	12.4	30.1	143.4	1.51	6.4	100.0
188 Turkey	1'609.8	3'506.1	117.8	5.25	17.1	96.5
189 Ukraine	57.2	115.5	101.9	0.23	1.2	30.7
190 United Kingdom	8'841.0	14'874.0	68.2	25.23	31.2	91.2
191 Yugoslavia	87.0	240.0	175.9	2.26	9.4	96.3
Europe	61'007.4	104'852.5	71.9	13.14	26.1	91.0
192 Australia	4'578.0	5'342.0	16.7	28.52	35.2	67.3
193 Fiji	5.2	8.0	53.8	1.02	9.4	100.0
194 French Polynesia	5.4	11.1	103.8	4.83	17.2	100.0
195 Guam	5.7	5.7 [97]	...	3.61	7.4 [97]	...
196 Kiribati	-	-	-	0.03	0.8	-
197 Marshall Islands	0.5	0.3	-26.0	0.57	8.4	-
198 Micronesia	-	- [97]	...	-	- [97]	- [97]
199 New Caledonia	5.2	13.0	150.9	6.33	20.9	100.0
200 New Zealand	566.2	790.0	39.5	20.74	29.7	100.0
201 Northern Marianas	... [95]	...	...	...	...	...
202 Papua New Guinea	3.1 [96]	...	...	...	...	...
203 Samoa	1.5	3.0	94.2	1.72	26.1	-
204 Solomon Islands	0.7	0.7	6.7	0.17	8.2	-
205 Tonga	0.3 [96]	...	...	...	...	...
206 Vanuatu	0.2	0.2	6.3	0.12	4.1	-
Oceania	5'171.9	6'174.1	19.5	24.75	34.0	71.6
World	214'534.7	318'745.5	48.6	5.40	27.4	73.0

Source: ITU.